

UNIVERSAL RESOURCES, NAVAJO
SW/SW Sec 15-T40N-R29E, Apache

598

P-W

COUNTY APACHE COUNTY AREA 9 mi SW Teec Nos Pos LEASE NO. NOO-C-14-20-4439

WELL NAME UNIVERSAL RESOURCES CORPORATION 1-15 Navajo

LOCATION SW/SW SEC 15 TWP 40N RANGE 29E FOOTAGE 740' FWL - 710' FSL
 STATUS SI Gas Well** TOTAL
 ELEV 6135 GR 6148 KB SPUD DATE 11-14-72 COMP. DATE 1-18-73 DEPTH 5775'

CONTRACTOR Loffland Brothers *has completion, no production* PBTD 5648'

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY
<u>9 5/8"</u>	<u>230 KB</u>	<u>330</u>	<u>(445 Cu. Ft.)</u>	<u>DRILLED BY ROTARY</u> <i>P&A</i>
<u>4 1/2</u>	<u>5700 KB</u>	<u>350 sks</u>	<u>(645 Cu. Ft.)</u>	<u>DRILLED BY CABLE TOOL</u>

PRODUCTIVE RESERVOIR MISSISSIPPIAN
 INITIAL PRODUCTION I.P. 1390 AOP*

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
De Chelly	2531		x	
Cutler	2837		x	
Supai	3460		x	
Hermosa	4176		x	
Ismay	4770		x	
Lower Ismay	4824		x	
Desert Creek	4888		x	
Akah	4997		x	
Barker Creek	5144		x	
Molas	5544		x	
Mississippian	5609		x	

Plugging record says 8/3/84
P&A 11-9-84

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG	Am Strat
<u>2 - Comp. Neutron Form. Density</u>	<u>5396-5400</u>	<u>4568-5400</u>	<u>SAMPLE DESCRP.</u>	
<u>2 - Dual Ind.-Laterolog</u>	<u>5293-5300, 5289-91</u>		<u>SAMPLE NO.</u>	<u>1713</u>
<u>2 - Comp Form. Density</u>	<u>5098-5104, 5035-39,</u>		<u>CORE ANALYSIS</u>	<u>NA</u>
	<u>4946-52, 4938-42</u>	<u>(4568-4572)</u>	<u>DSTs</u>	<u>2</u>
	<u>4897-4900</u>			

REMARKS * During preliminary testing well prod. small amts. of oil & water
 APP. TO PLUG _____
 PLUGGING REP. _____
 COMP. REPORT X

WATER WELL ACCEPTED BY _____
 BOND CO. UNITED STATES FIRE INSURANCE COMPANY BOND NO. 774825 *798629 not approved*
 BOND AMT. \$5,000 CANCELLED _____ DATE 5-22-72 *7-20-73*
 FILING RECEIPT 2934 LOC. PLAT XX WELL BOOK X PLAT BOOK X
 API NO. 02-001-20174 DATE ISSUED 9-5-72 DEDICATION 80 acres W/2 of NW/4

PERMIT NUMBER 598

DRILL STEM TEST

NO.	FROM	TO	RESULTS
1	5282	5406	Gas to surface in 13 mi - 76 MCFPD Rec 570' blk. gas
			Cut Drlg. mud, IEP 80-268* ISIP 1 hr. 1166 PSI
			FSIP 2 hrs & 10 mi. 1429 HP 2537PSI
2	5695	5775	Tool open 2 hrs. strong blow T/O Rec 3209' fluid
			440' GCDM & 2769 GCSW IEP 427-639. ISIP. 1 hr. 1534 PSI
			CORE RECORD FFp 691- 1455# FSIP 1 hr 1534#, Hyd press 2774

NO.	FROM	TO	RECOVERY	REMARKS
				No cores reported

REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

ADDITIONAL INFORMATION

For complete details on DSTs, see daily drilling reports or Sundry Notices
 Gas sample from the Miss. indicates trace of methane with nitrogen predominating
 (see gas analysis & letter FLB of M)

2-Arizona O&GCC 1-Navajo Tribe 1-Univ Res (Baker) 1-Univ Res (Little) 1-File

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well Work-Over Deepen Plug Back Same Reservoir Different Reservoir Oil Gas Dry

DESCRIPTION OF WELL AND LEASE

Operator: Universal Resources Address: Box 234, Farmington, New Mexico 87401

Federal, State or Indian Lease Number or name of lessor if fee lease: Navajo Well Number: 1-15 Field & Reservoir: Wildcat

Location: 740' FWL - 710' FSL County: Apache

Sec. TWP-Range or Block & Survey: Sec. 15, T40N, R29E

Date spudded: 11-10-72 Date total depth reached: 12-8-72 Date completed, ready to produce: 1-18-73 Elevation (DF, RKB, RT or Gr.): feet Elevation of casing hd. flange: feet

Total depth: 5775' P.B.T.D.: 5648' Single, dual or triple completion?: Single If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion: 4568' - 5400' Rotary tools used (interval): 0-5775' Cable tools used (interval):

Was this well directionally drilled?: No Was directional survey made?: No Was copy of directional survey filed?: No Date filed:

Type of electrical or other logs run (check logs filed with the commission): Induction and Neutron Formation Density Date filed:

CASING RECORD

Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)						
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled
Surface	15"	9-5/8"	32.30#	230' RKB	445 cu ft	None
Production	7-7/8"	4-1/2"	10.5#	5700' RKB	645 cu ft	None

TUBING RECORD

LINER RECORD

Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)
2-3/8 in.	5426 ft.	4378 ft.	4-1/2 in.	ft.	ft.		

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval
2 jets	1/2"	4568' - 5400'	30,000 gal acid in five stages	See sundry notice for detail

INITIAL PRODUCTION

Date of first production: Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:): Flowing

Date of test: 4-25-73 Hrs. tested: 3 Choke size: 3/4" Oil prod. during test: bbls. Gas prod. during test: MCF Water prod. during test: bbls. Oil gravity: ° API (Corr):

Tubing pressure: 1225 S.I. Casing pressure: Cal'd rate of Production per 24 hrs.: Oil: bbls. Gas: A.O.F.: 1390 MCF Water: bbls. Gas-oil ratio:

Disposition of gas (state whether vented, used for fuel or sold): None

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Engineer of the Universal Resources (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date: June 4, 1973 Signature: Thomas A. Dagan (et-)
Thomas A. Dagan

RECEIVED

JUN 06 1973

O & G CONS. COMM.

Permit No.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Well Completion or Recompletion Report and Well Log

Form No. 4

File One Copy

PLUGGING RECORD

Operator UNIVERSAL RESOURCES CORPORATION		Address 1125 17th Street, Ste. 2240, Denver, CO. 80202	
Federal, State, or Indian Lease Number, Navajo Tribal or lessor's name if fee lease N00-6-14-20-4439		Well No. 15-1	Field & Reservoir Wildcat
Location of Well SW/4 SW/4 Section 15, Township 40 North, Range 29 East			County APACHE
Application to drill this well was filed in name of NAVAJO 1-15	Has this well ever produced oil or gas Yes	Character of well at completion (initial production): Oil (bbbls/day) --- Gas (MCF/day) A.O.F. 1390 Dry? ---	
Date plugged: August 3, 1984	Total depth 5775	Amount well producing when plugged: Oil (bbbls/day) --- Gas (MCF/day) --- Water (bbbls/day) ---	
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation	Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement
ISMAY	MCOG		
LOWER ISMAY	MCO		
DESERT CREEK	MCOG		
AKAH	G/W	5008	Zone Perforated
BARKER CREEK	G/W		

CASING RECORD

Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
9-5/8"	229	--	229		
4-1/2"	5700	--	5700		

Was well filled with mud-laden fluid, according to regulations? **Yes** Indicate deepest formation containing fresh water. **Cutler**

NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE

Name	Address	Direction from this well:
N/A		

In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.

Use reverse side for additional detail.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the **MANAGER - OPERATIONS** of the **GELSIUS ENERGY COMPANY** and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date **October 11, 1990**

Signature **A. R. Logan**

**AZ OIL & GAS
CONSERVATION COMMISSION**

**STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Plugging Record
File One Copy**

OCT 16 1990

Permit No. **598**

Form No. 10

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator UNIVERSAL RESOURCES CORPORATION, 1125 17th Street, Ste. 2240, Denver, CO 80202

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name URC NAVAJO NO. 1-15

Location SW/4 SW/4

Sec. 15 Twp. 40 North Rng. 29 East County APACHE, Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if on lease Navajo Tribal
N00-C-14-20-4439

5. Field or Pool Name Wildcat

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FILL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERMATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) _____	ABANDONMENT <input checked="" type="checkbox"/>
(OTHER) _____			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The above referenced well was plugged as follows:

- 8/02/84 - P&A MIRU pulling unit. Killed well. Released packer and pull out of hole. Ran CBL from 4250'-3800'. Top of Cement @ 3800'. Ran gauge ring to 4500'. Set cement retainer @ 4490'.
- 8/03/84 - Squeezed perforations (4568-5400) with 80 sacks of cement. Final pressure was 100 psi. Dumped 20 sacks on top of retainer. Perforate 4 holes at 1600'. Set retainer @ 1585'. Squeezed perforations with 95 sacks of cement. Final pressure - 1,000 psi. Dumped 5 sacks on top of retainer. Mixed 25 sacks of cement. Loaded top 300', 4-1/2" casing with cement. Mixed 150 sacks of cement, pumped 4-1/2"-9-5/8" annulus. Final pressure 400 psi. Cut off casing head, welded on plate and dry hole marker.

Surface rehabilitation of wellsite and access road were completed on JULY 24, 1986 per BLM Regulations. Universal Resources respectfully requests approval for FINAL ABANDONMENT.

8. I hereby certify that the foregoing is true and correct.

Signed A. R. Logan Title Manager-Operations Date October 11, 1990

**AZ OIL & GAS
CONSERVATION COMMISSION**

Permit No. 598 OCT 13 1990

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
Form No. 25
File One Copy

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instructions
verse side)

TP
TC

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
NOO-C-14-20-4439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER **AZ OIL & GAS CONSERVATION COMMISSION**

2. NAME OF OPERATOR **Universal Resources Corp.** **OCT 16 1980**

3. ADDRESS OF OPERATOR **700 Oil Center East, N.W. Expressway, Oklahoma City, OK 73112**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface **RECEIVED**

Navajo 1-15 710' FSL & 740' FWL

AUG 15 1986

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO. **Navajo 1-15**

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec.15 T40N R.29E.

14. PERMIT NO.

15. ELEVATIONS (Show whether dr., rt. or, etc.)

**BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA**

12. COUNTY OR PARISH 13. STATE
Arizona

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Surface rehabilitation requirements for P & A well.
Barricaded road into location, put water diversion in road,
reseeded road into location.
Work was done 7-24-86

ACCEPTED FOR RECORD

AUG 21 1986

FARMINGTON RESOURCE AREA
BY *[Signature]*

L & L Oilfield Service, Inc.

18. I hereby certify that the foregoing is true and correct

SIGNED *[Signature]*

TITLE **President**

DATE **8-12-86**

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE DATE

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

L & L OILFIELD SERVICE, INC.

P.O. Box 1486
Farmington, New Mexico 87401
325-9381

INVOICE NO. 6108
DATE 8-5-86
WORK ORDER 9128
ORDERED BY Spike Osentowsky
P.O. NO. _____
TERMS - 30 DAYS

SOLD TO UNIVERSAL RESOURCES CORP.
LEASE NAVAJO #1-15

AZ OIL & GAS
CONSERVATION COMMISSION
OCT 15 1986

			AMOUNT
W.O. #9128	7-24-86		\$ 1,147.90
		5% tax	<u>57.40</u>
		Total	\$ 1,205.30

12/1 P P & A

Per attached.

7 RECD

Robert D. ...

RECEIVED
DATE

L&L OILFIELD SERVICES

Specializing in Oilfield Services

P.O. Box 1486

Telephone: 325-9381

Farmington, New Mexico 87499

AZ OIL & GAS
CONSERVATION COMMISSION

WORK
ORDER

OCT 19 1986 9128

COMPANY Universal Resources Group

ADDRESS _____
LEASE Leaked Navajo 1-15

WELL NO. # 1-15

ORDER NO. _____ DATE 7-24-86

	HOURS	RATE	AMOUNT
FOREMAN: <u>Doyle Cook</u>	14	16.50	231.00
EQUIP. OPERATOR: <u>Marty Clark</u>	9	16.50	148.50
LABOR: <u>Marty Clark</u>	5	15.00	75.00
LABOR:			
LABOR:			
LABOR:			
¼ TON PICKUP TR. W/TOOLS NO.			
2 TON WINCH TR. W/TOOLS NO. <u>#85</u>	14	18.50	259.00
FLOAT OR POLE TRAILER NO. <u>#11</u>	5	10.00	50.00
BACKHOE <u>Case 580C</u>	9	24.00	216.00
WELDER & RIG			
SAFETY ANCHORS & HOLE DIGGER			
<u>seed</u>	7	15.00	105.00
OTHER			
OTHER			
OTHER			
MATERIALS USED <u>grass seed</u>			63.40
			1047.90
		TAX	59.40
		TOTAL	1265.30

DESCRIPTION OF WORK Draw for location, recheck road, backhoe & planting seed with seeder. Load & backhoe & seeder. Draw tarp.

OPERATOR Doyle Cook AUTHORIZED BY _____

WCO-C-14-20-4439
3162.3-4 (C16)

Caller Service 4104
Farmington, New Mexico 87402

NOV 05 1985

cm
11/4/85

CERTIFIED--RETURN RECEIPT REQUESTED

P 017 189 882

Universal Resources Corporation
1125 17th Street, No. 1800
Denver, CO 80202

Gentlemen:

A recent inspection showed that the attached work needs to be done to bring your No. 1-15 Navajo well located 710' PSL and 740' FWL, Sec. 15, T. 40 N., R. 2^d E., lease No. WCO-C-14-20-4439 into compliance before abandonment will be approved.

Please correct this problem by August 15, 1986.

If you have any questions, contact any member of the Fluids Surface Management Staff at (505) 325-4572.

Sincerely,

for **J. Stan McKee**

Nat Millenbach
Area Manager

Enclosure

cc:
Well file
Suspense (Hiner)

016:AHiner:mjc:11/04/85
mjc



United States Department of the Interior

GEOLOGICAL SURVEY
P. O. Box 959
Farmington, New Mexico 87401

RECEIVED

OCT 30 1985

Date

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Memorandum

To: *B.I.A., Shiprock*

From: USGS District Office, Farmington, New Mexico

Subject: Transmittal of Intention to Plug and Abandon

Date 10-28-85 Lease Number N00-C-14-20-4439

Operator Universal Resources sec. 14 T. 40 N R. 29 E

Well No. & Name Navajo 1-15 Footage _____

If the surface rehabilitation stipulations specified in the Application for Permit to Drill are adequate for permanent abandonment, please acknowledge in the space below and return a copy to this office.

If any additional rehabilitation stipulations are needed for abandonment of the well site, please acknowledge below and attach the additional requirements to our copy.

We will forward any special stipulations to the operator when received.

The surface rehabilitation requirements set forth in the Application for Permit to Drill are sufficient for the permanent abandonment of this well location.

The attached surface rehabilitation requirements are necessary for permanent abandonment.

Date October 28, 1985

Jerry W. Thomas
Agency Representative

SKA -
file
chron

SURFACE REHABILITATION REQUIREMENTS
for P & A WELLS

RECEIVED

OCT 30 1985

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

COMPANY Universal Resources

WELL# Navajo 1-15 (Sec 14, T40N, R 29E)

The following requirements apply if checked:

- Oil Spillage must be cleaned up and buried or removed to an appropriate landfill.
- Debris must be removed from the location.
- Pit must be filled and leveled.
- Pad and/or access road must be leveled, disced and prepared for seeding. Seed will be drilled at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch or broadcast and followed by a drag or packer.
- Disturbed areas will be seeded with the following seed mix.

<u>SPECIES</u>	<u>Lbs./Acre/PLS</u>
1. Indian ricegrass	2
2. Galleta	1
3. Sand dropseed	1
4. Crested wheatgrass	4
5.	

Purity X Germination = Pure Live Seed (PLS). If broadcast, the above seed mix will be used at 150% of the recommended rate. If, in the opinion of the surface management agency, the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings until revegetation is successful.

Other

- 1) Access road to the well pad must be barricaded.
- 2) Location will not be approved for permanent abandonment until the requirements checked are complied with and the reseeding takes.

P/N 598

Form 9-598b

REVISED

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

Sec. 15
T. 40 N
R. 29 E
G&SR Mer.

X			

INDIVIDUAL WELL RECORD

INDIAN LAND:

Date November 15, 1984

Ref. No.

Reservation Navajo Tribal State Arizona
N00-C-14-20-4439 County Apache
 Lessee _____ Field Wildcat
 Operator Universal Resources Corp. District Farmington
 Well No. 1-15 Navajo Subdivision SW $\frac{1}{2}$ SW $\frac{1}{2}$
 Location 710 feet from south and 740 feet from west lines of section

Drilling approved Sept. 5, 19 72 Well elevation 6135 gl feet
 Drilling commenced Nov. 14, 19 72 Total depth 5775 PB 5648 feet
 Drilling ceased Dec. 8, 19 72 Initial production 1390 MCFPD (AOF)
 Completed for production Jan. 18, 19 73 Gravity A. P. L.
 Abandonment approved Nov. 9, 19 84 Initial R. P. _____

Geologic Formations		Productive Horizons		
Surface	Lowest tested	Name	Depth	Contents
	<u>Mississippian</u>	<u>Hermosa</u>	<u>4568-5400'</u>	<u>Gas</u>

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1972											DRG	
1973	GSI											
1984											P&A	

REMARKS TOPS: Dechelly 2531' E.L.
Hermosa 4176' E.L.
Paradox 4770' E.L.
Miss. 5609' E.L.

UNITED STATES GOVERNMENT
Memorandum

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

KTown 8/23/84
SPK 8/24/84
IN REPLY REFER TO:
3100 (016)
N00-C-14-20-4439

To : District Manager (NM-015)
FROM : Area Manager, (NM-016)
SUBJECT: Termination of Lease N00-C-14-20-4439

Date:
AUG 24 1984

Operator & Well No.: Universal Resources Corp., No. 1-15 Navajo

Well Location: SW/4SW/4 sec. 15, T. 40 N., R. 29 E., Apache County,
Arizona

Well Completion Date: January 18, 1973

Last Producing Date: Never produced - no market

Lease Effective Date and Term: Issued May 25, 1972, 10 years.

Remarks: Well plugged and abandoned August 3, 1984. Retain bond until
approved.

/s/ J. Stan McKee

cc:
Lease file
Micrographics 943B-4
NM-016:KTownsend:ebh:8/23/84

ASST.

Form 9-331
Dec. 1973

Form Approved
Budget Bureau No. 42-R1474

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Universal Resources Corporation

3. ADDRESS OF OPERATOR
1125 17th St. #1800 Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: (SW SW) 710' FSL, 740' FWL ✓
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
NOO-C-14-20-4439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo

9. WELL NO.
1-15

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 15-T40N-R29E

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
K.B. 6148', G.L. 6135'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- REQUEST FOR APPROVAL TO:
- TEST WATER SHUT-OFF
 - FRACTURE TREAT
 - SHOOT OR ACIDIZE
 - REPAIR WELL
 - PULL OR ALTER CASING
 - MULTIPLE COMPLETE
 - CHANGE ZONES
 - ABANDON*
 - (other)

SUBSEQUENT REPORT OF:

-
-
-
-
-
-
-
-

RECEIVED

AUG 20 1984

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

8/02/84 P & A. MIRU pulling unit. Killed well. Released pkr and POH. Ran CBL from 4,250-3,800'. TOC at 3,800'. Ran gauge ring to 4,500'. Set cement retainer at 4,490'.

8/03/84 Squeezed perf (4,568-5,400) with 80 sx cement. final pressure 100#. dumped 20 sx on top of retainer. Perf 4 holes at 1,600'. Set retainer at 1,585'. Squeezed perf with 95 sx cement. Final pressure 1,000#. Dumped 5 sx on top of retainer. Mixed 25 sx cement. Loaded top 300' 4-1/2" casing with cement. Mixed 150 sx cement, pumped dn 4-1/2" - 9-5/8" annulus. Final pressure 400#. Cut off head, welded on plate and dry hole marker. Well is P & A.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____

18. I hereby certify that the foregoing is true and correct

SIGNED David Putnam TITLE Div. Oper. Manager DATE August 14, 1984

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

NOV 09 1984
M. MILLENBACH
AREA MANAGER

Approved as to plugging of the well bore.
Liability under bond is retained until surface restoration is completed.

*See Instructions on Reverse Side

FARMINGTON COPY

CALDER WELDING, INC.

Shop: 207 S. Fairview • Phone: 325-8771 Shop
FARMINGTON, NEW MEXICO 87401 325-8648

AZ OIL & GAS
UNIVERSAL RESOURCES CORP. CONSERVATION COMMISSION

Sold To P.O. BOX 1689
GILLETTE, WYO. 81716

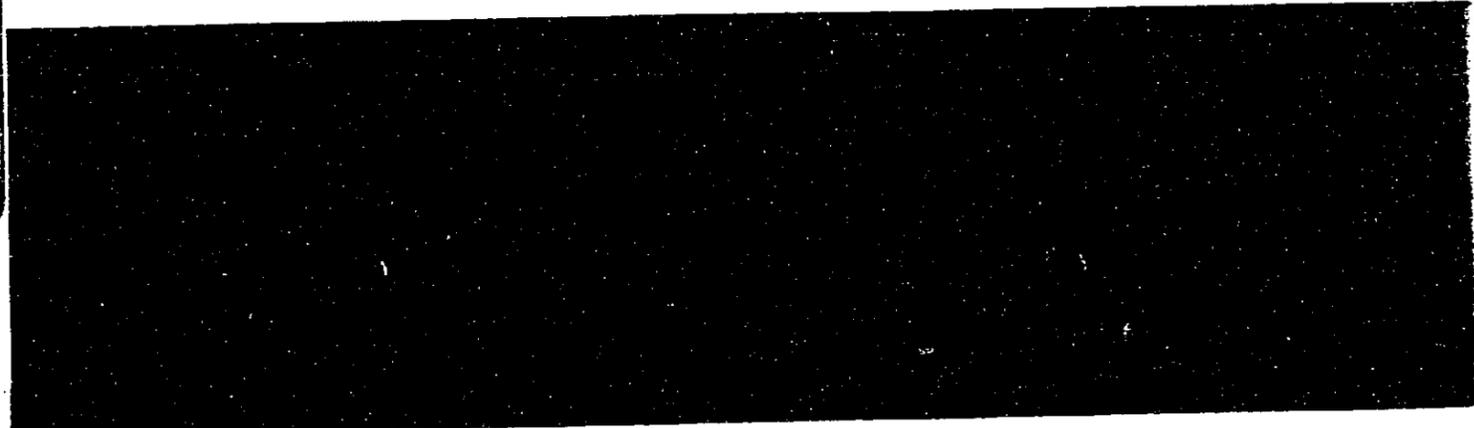
DATE 8-3-84
INVOICE NO. A-1206
LEASE NAVAJO TRIPAL
WELL NO. 1-15
RIG NO.
ORDER NO.
PURCHASE ORDER NO.

DATE	WORK TICKET NO.	DESCRIPTION	HRS.	RATE	AMOUNT
8-2-84	7496	CUT OFF WELL HEAD AND WELD ON MARKER. BUILD MARKER. WELDER GAYLAND GRIGGS UNIT #3 7 FT. OF 4 1/2" PIPE 1 SQ. FT. OF 1/2" PLATE	7	\$30.00	\$210.00
					10.50
					4.08
					\$224.58
		TAX			10.10
		<i>W.P.A.</i>			
		<i>Robert Denton</i>			

Total \$ 234.68 ✓

RECEIVED
AUG 6

AUG 27 1984





Denver, Co
(303)623-8354

Rock Springs, WY (307)382-6673

- ① Set Cement Retainer @ 4500'
Squeey 10 st
- ② Verify TDC and run
Cement 4226 - 4126
- ③ Cement plug inside and
outside casq 1550 - 1450
- ④ ~~Temp~~ Cement plug from
280' to 180' boche
inside and in annulus
- ⑤ Surface plug 50' in surf.

^{vertical approach}
Bob Sharp. granted to
modify plugging program
as above.

Bob Sharp
7-30-89

331
1973

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Universal Resources Corporation

3. ADDRESS OF OPERATOR
1125 17th St, Suite 1800, Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 710' FSL & 740' FWL (SW SW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

5. LEASE
N00-C-14-20-4439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo

9. WELL NO.
1-15

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 14-T40N-R29E

12. COUNTY OR PARISH
Apache

13. STATE
Arizona

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 6148', GL 6135'

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT OF:

RECEIVED
JUL 1 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Universal Resources Corporation proposes to plug well as follows:

- 1* Squeeze through retainer set at 4500' with 100 sacks (Class G, 4% gel), leaving remainder on top.
- *2* Determine free point. Cut & pull casing from free point (calculated T.O.C. at 3676'). Spot 50 sack plug 1/2 in & 1/2 out of casing stub. See attach.
- *3* Spot 50 sacks with tubing at 2550'. See attach.
- *3a* Spot 50 sack plug 1/2 in and 1/2 out of surface casing shoe (surface casing set at 230').
- 5* Cut surface casing off 2' below ground level, set 10 sack plug in stub. Weld plate on casing and install dry hole marker.
- 6* Restore per BLM specifications.

* See attachment.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Michael E. McWhorter TITLE Div. Oper. Eng. DATE June 27, 1983

(This space for Federal or State office use)

APPROVED BY: _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON COPY

*See Instructions on Reverse Side

AS AMENDED
JUL 5 1983
FARMINGTON, N.M.
DISTRICT ENGINEER

Proposed plugging program ammended as follows:

- Item 2. If unable to pull casing at free point, squeeze adequate cement to cover 50 ft. above and 50 ft. below cut. If repeated cuts are made in attempt to pull casing, a 100 ft. plug to be set at 500 ft. intervals, across cut.
- Item 3. Place 100 ft. plug across top of Cutler Fm. (2837'), from 2787' to 2887', instead of at 2550'.
- Item 3a. Place 100 ft plug across top of Chinle Fm. (1500') from 1450' to 1550'.

7/5/83

ABANDONED WELL WORKSHEET

Operator Universal Resources
 Well No. L-15 Navajo Located 710 1/3 746 1/2 W S 15 T. 40 N R. 21 E
 Lease No. N100-GM-20-4439 Field W.C. State AZ

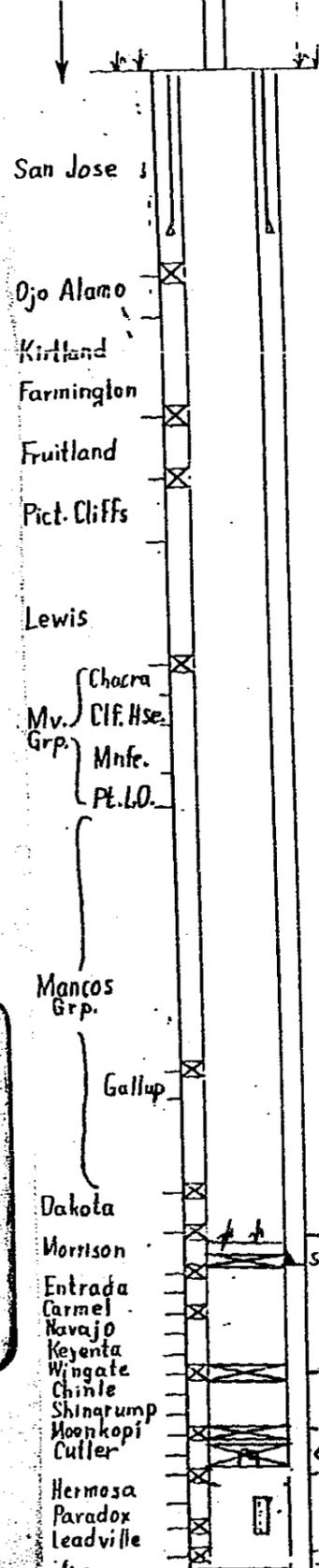
T. D. 5775' PBTD 5640' Hole Size: Surface 15" Set at 9 1/2 @ 230'
 Interm. 7 1/2" " " 4 1/2 @ 5700'
 Long Str. _____ " " _____

Plugs:	from	to	w/sx	ft ³
Surf shoe	0	50		
ch. shoe	170	280		
ch. shoe	1450	1550		
Cutler	2787	2887		
Csg stub	3626	3726	50sx	
Perfs	PBTD	4500	160sx	

T.O.C. at:	Calcul	Log
Surf.	Surf	
Interm.	3676	
Long Str.		

Perfs. at:	from	to
	4568	5400

FORMATION



Surface - 6135'
 Sts. csg shoe @ 230' { 170 / 280
 Chinle 1550' { 1450 / 1550
 Cut. 2837' { 2887 / 2787
 Cut csg 3670' { 3626 / 3726 } across cut
 Herm. 4176'
 Miss - 5609'

Formation:	Top	Base
Surface		
oje		
fruitland		
pict. Clif.		
m. v.		
gallup		
dakota		
inrsn.	Surface	
entrada		
carmel		
navajo		
wingate	1500	
cutler	2837	
hermosa	4176	
paradox		
miss	5609	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR: Universal Resources Corporation

3. ADDRESS OF OPERATOR: 910 Nat'l Foundation W. Bldg., 3555 NW 58th Ave., Oklahoma City, Oklahoma

4. LOCATION OF WELL (Report location clearly and in accordance with any State Laws):
At surface: 710' FSL & 740' FWL Sect. 15-T40N-R29E
At top prod. interval reported below:
At total depth:

5. LEASE DESIGNATION AND SERIAL NO.: Noo-C-14-20-4439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. NAME OF TRIBE: Navajo

8. FARM OR LEASE NAME: Navajo

9. WELL NO.: 1-15

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T. & R., M., OR BLOCK AND SURVEY OR AREA: Sect. 15-40N-29E

12. COUNTY OR PARISH: Apache

13. STATE: Arizona

14. PERMIT NO.: 598

DATE ISSUED: 9-5-72

15. DATE SPUNDED: 11-10-72

16. DATE T.D. REACHED: 12-8-72

17. DATE COMPL. (Ready to prod.): 1-18-73

18. ELEVATIONS (DF, RSB, RT, OR, ETC.): KB 6148' GL 6135'

19. ELEV. CASINGHEAD: No

20. TOTAL DEPTH, MD & TVD: 5775'

21. PLUG, BACK T.D., MD & TVD: 5648'

22. IF MULTIPLE COMPL., HOW MANY: single

23. INTERVALS DRILLED BY: 0-5775'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD): 4868 - 5400'

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction & Neutron Formation Density

27. WAS WELL CORED: No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.30#	230' RKB	15"	445 Cu ft.	none
4 1/2"	10.5#	5700' RKB	7-7/8"	645 Cu ft.	none

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					2-3/8"	5426'	4378'

31. PERFORATION RECORD (Interval, size and number): 4568-5400', 1/2", 2 jets.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See 9331-C for detail	30,000 gal acid in five stages.

33. PRODUCTION

DATE FIRST PRODUCTION: 4-25-73

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flow

WELL STATUS (Producing or shut-in): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-25-73	3	3/4"	→	---	---	---	---
1225 S.I.	---	---	---	---	1390 A.O.F.	---	---

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): None

35. LIST OF ATTACHMENTS: None

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: V. N. Baker TITLE: V. N. Baker, Agent DATE: 7-2-74

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Item 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22 and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cemented". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

SUMMARY OF POROUS ZONES:
 SHOW ALL REPORTED ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING
 DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	33.	GEOLOGIC MARKERS
				NAME	MEAS. DEPTH
Miss.	5695	5775	Open 1 hr. Rec. 440' gas cut mud, 2769' gas cut salt water. FP 427-1455#, SIP 1534#.	Dechelly Cutler Supai Hermosa Isamay Lower Isamay Desert Creek Akah Barker Creek Molas Misslon FD:	2531' 2837' 3460' 4176' 4770' 4824' 4888' 4997' 5144' 5544' 5609' 5775'
Pennsylvania, Dol. & Lime	5282	5406	Open 1 hr. Rec. 400' gas cut mud & 173' black drl. mud. FP 30-213#, SIP 1429#.		

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
<u>Log Tops</u>			
DeChelly	2531'		
Cutler	2837'		
Supai	3460'		
Hermosa, <i>UPPER</i>	4176'		
Ismay	4770'		
Lower Ismay	4824'		
Desert Creek	4888'		
Akah	4997'		
Barker Creek	5144'		
Molas	5544'		
Mississippian	5609'		

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 O & G CONS. COMM.

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

Arizona O&GCC - Navajo Tribe - Univ Res (Baker) - File
 ARIZONA OIL AND GAS CONSERVATION COMMISSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Test Type <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special	Test Date 4-25-73	Well Name Navajo #1-15
Connection	Permit No.	
Resources	Formation	Unit
Designated		
Well No. / Date	Total Depth 5775'	Plug Back TD 5648'
Elevation	Farm or Lease Name Navajo	
Well No.	Well No. 1-15	
Well Size 12" 10.5#	Set At 4.052 5700' RKB	Perforations: From 4568' To 5400'
Well Size 4.7#	Set At 1.995 5426' RKB	Perforations: From Open End To
Single - Bradenhead - G.G. or G.O. Multiple	Packer Set At 4378'	County Apache
Gas	Reservoir Temp °F	Mean Annual Temp °F
Baro. Pres. - P _a	State Arizona	
Flowing	H	Gg.
% CO ₂	% N ₂	% He
Prover	Meter Run	Taps

NO	Well Size	FLOW DATA			TUBING DATA		CASING DATA		Duration of Flow
		X	Choke Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	
1							1225		8 days
2	3/4" Pos. Ck.		103		60°				3 hrs

RATE OF FLOW CALCULATIONS						
Coefficient 24-Hour	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor FL	Gravity Factor F _g	Super Compress. Factor F _{pv}	Rate of Flow Q
2.365		115	1.000	.9608	1.011	1381

P _c	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio
				A.P.I. Gravity of Liquid Hydrocarbons
				Specific Gravity Separator Gas
				Specific Gravity Flowing Fluid
				Critical Pressure p.s.i.a.
				Critical Temperature °R

$$Q = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \times \dots$$

$$Q = \frac{P_c^2 - P_w^2}{P_c^2 - P_w^2} \times \dots$$

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 O & G CON. COMM.

Open Flow	1390	Mcf/d @ 15.025	Angle of Slope °	Slope
-----------	------	----------------	------------------	-------

I, the undersigned, under the penalty of perjury, state that I am the
 near Universal Resources (company),
 and that this report was
 and that the facts stated therein are true.
Thomas A. Dixon
 Thomas A. Dixon

STATE OF ARIZONA
 CONSERVATION COMMISSION
 Multipoint and One Point Back Pressure Test for Gas Well
 Form No. 18

UNIVERSAL RESOURCES CORPORATION

DAILY DRILLING SUMMARY

740' FWL, 610' FCL
 Section 15, T-40N, R-39E, S4E No.
 Apache County, Arizona

DATE	WELL NAME AND NUMBER	CONTRACTOR	RIG NO.	DEPTH YESTERDAY	DEPTH TODAY	TOTAL FOOTAGE	CSG. T.D.	EST. T.D.	NO. OF DAYS	HOLE SIZE	REMARKS
10-31	#1-15 Navajo	Loffland	25								Moving in rotary rig and repairing road
11-10	#1-15 Navajo	Loffland	25								Rigging up
11-11	#1-15 Navajo	Loffland	25								Spud 12-1/4" hole at 5:00 PM
11-12	#1-15 Navajo	Loffland	25	0	92	92		5800	1	12-1/4	
11-13	#1-15 Navajo	Loffland	25	92	230	138		5800	2	12-1/4	Attempted to run casing. Would not go below 120' conditioning hole.
11-14	#1-15 Navajo	Loffland	25	230	230	0		5800	3	13-3/4	Reaming 13-3/4" hole at 215'
11-15	#1-15 Navajo	Loffland	25	230	550	320	229'	5800	4	"	Drilling sand and shale at 550' w/bit #3, OSGIG, 7-7/8. Run 8 jets 3-5/8" totaling 240-97'. Set at 229.65' w/330-ex class C cement w/1/4# gel flake & 2% CaCl. Circ 30 sx plug-down at 10:45 AM 11-14-72. Dev 10' at 230. Tested casing to 500#, held ok.
11-16	#1-15 Navajo	Loffland	25	230	1578	1348	229	5800	5	7-7/8"	Drilling sand and shale with water at 1578. Bit No. 4 in at 1396'. Dev. 3/4" at 605, 10 1035, 1-1/2" at 1320'. Drilling sand with water at 2325. Bit No. 5 at 2145. Dev. 10' at 2105.
11-17	#1-15 Navajo	Loffland	25	1578	2325	747	229		6	7-7/8"	Drilling sand with no shows in DeChelly formation, bit #6 (J-33) in at 2554'. Mud 8.9#, Vis 36, WL-7, C 2/32. Dev. 2' at 2554'.
11-18	#1-15 Navajo	Loffland	25	2325	2698	373	229	5800	7	"	Drilling siltstone w/bit No. 6, Wt. 35,000 lbs, 50 RPM. PP 1000 psi, Mud 9#, Vis 35, WL 6, C 2/32, Dev. 10' at 2760'.
11-19	#1-15 Navajo	Loffland	25	2698	3020	322	229	5800	8	"	Drilling siltstone w/bit No. 6. Mud 9#, Vis 35, WL 7, C 2/32. Dev 10' at 2996.
11-20	#1-15 Navajo	Loffland	25	3020	3238	218	229	5800	9	"	Drilling siltstone, shale and anhyd at 3496 w/bit No. 6, Mud 9#, Vis 40, WL 7, CK 2/32, Ph 10.5
11-21	#1-15 Navajo	Loffland	25	3248	3496	258	229	5800	10	"	Tripping at 3510 to pick up bit #7. Bit #6 made 950 in 71-3/4 hours. Rig down 17-1/2 hours for repairs to rotary drive. Mud 9.1#, Vis 38, WL 5.9, CK 2/32, Ph 10.5, Dev. 1-1/2" 3480
11-22	#1-15 Navajo	Loffland	25	3496	3510	14	229	5800	11	"	Tripping at 3697', bit no. 7 - M3N, made 127' in 15 hrs.
11-23	#1-15 Navajo	Loffland	25	3510	3697	187	229	5860	12	"	Mud 9.1#, Vis 35, WL-7, C 2/32, Dev. 10' at 3697'. Drilling Supai redbed at 3920 with bit no. 8 - M4N at 80 RPM and 40,000#. Mud 9.1#, Vis 35, WL 7, C 2/32.
11-24	#1-15 Navajo	Loffland	25	3697	3920	223	229	5800	13	"	Drilling sand and shale at 4075 w/bit No. 9 - 004J, in at 3928' Bit No. 8 made 235' in 17 1/2 hrs. 90 RPM, 40,000 lbs., 1400 pump pressure. Mud 9.0#, Vis. 34, W.L. 7, CK 2/32, Ph 10.5
11-25	#1-15 Navajo	Loffland	25	3920	4075	155	229	5800	14	"	Dev. 3/4" at 3923'.

UNIVERSAL RESOURCES CORPORATION

DAILY DRILLING SUMMARY

DATE	WELL NAME AND NUMBER	CONTRACTOR	RIG NO.	DEPTH YESTERDAY	DEPTH TODAY	TOTAL FOOTAGE	CSG. T.D.	EST. T.D.	NO. OF DAYS	HOLE SIZE	REMARKS
12-4	#1-15 Navajo	Loffland	25	5406	5458	52	229	5800	22	7-7/8"	Drilling limestone and shale with bit No. 13, Mud 9.1, Vis 42, WL 5.5, C 2/32, Ph 11.5 Lower bomb had partial plugging throughout test. 1st IF 80-267, 2nd IF 187 FF 213 ISIP 1167-FSIP 1429 IHP 2537 FHP 2537 C 2/32, Ph 11.5
12-5	#1-15 Navajo	Loffland	25	5458	5643	185	229	5800	23	7-7/8"	Drilling limestone at 5643 with bit No. 13, Mud, Vis 45, WL 5.5 Picking up test tool, Mud 9.2, Vis 45, WL 5.8, C 2/32, Ph 11.5
12-6	#1-15 Navajo	Loffland	25	5643	5775	132	229	5800	24	7-7/8"	Dev. 1-1/2" at 5406. Molas 5545, Mississippian 5635 (+513) Had show 5480-5500 in chaetetes, fair flu & YWcut. 1st Miss. poro. at 5750 in vuggy dolomite. DST No. 2 5695-5775 open 10 min. Strong blow in 2 min SI one hr. Open two hrs with strong blow SI one hr.
12-7	#1-15 Navajo	Loffland	25	5775	5775	0	229	5800	25	7-7/8"	DST No. 2, Rec. 3209' fluid, 440' GCM, 2769' GC Salt W. 1st Flow IP 427 FP 639. 2nd Flow IP 691, FF 1455' ISIP1534, FSIP 1534 IHP 2774 FHP 2774 BHT 130'. Running logs
12-8	#1-15 Navajo	Loffland	25	5775	5775	0	229	5775	26	7-7/8"	TD 5775' prep to run 4-1/2" casing. TD 5775'. Log Tops - DeChelly 2531', Cutler 2637', Supai 3460' Hermosa 4176', Ismay 4770', Lower Ismay 4824', Desert Creek 4888', Akah 4997', Barker Creek 5144', Molas 5544', Mississippian 5609' Ran 177 jts. of 4-1/2" O.D. 10.5 lb K-55 Casing set at 5700' Cement with 100 sx 40-60 Posmix and 250 sx Class "C" with 7-1/2# salt per sack. total volume 645 cu ft. Plug down 1:30 PM 12-8-72. Rig Released.
12-11	#1-15 Navajo										RECEIVED DEC 20 1972 D & G CONS. COMM.
12-20	#1-15 Navajo										Recommended perforations: 5395 - 5400 6-1/2% - 20% 5293 - 5300 7-1/2% - 33% 5289 - 5291 7-1/2% - 33% 5098 - 5104 8% - 45% 4946 - 4952 6% - 50% 4938 - 4942 8% - 38% 4568 - 4572 10% - 37% 4897 - 4900 7% - 42% 5035 - 5039 8% - 16% Waiting on pulling unit.
12-21	#1-15 Navajo										Moving in completion rig. Moved in Drake Well Service, installed well head and BOP, ran Dresser Atlas Gamma-ray correlation logs. PBTD 5648 - Dresser Atlas perf's 2 golden jets per foot, 4568-72, 4897-4900, 4938-42, 4946-52, 5035-39, 5098-5104, 5289-91,

740' FWL, 610' FSL.
 LOCATION Sec. 15, T-40-N, R-29-E PAGE NO. 4
 Apache County, Arizona
 Elev. 6135' GF.

DAILY DRILLING SUMMARY

UNIVERSAL RESOURCES CORPORATION

DATE	WELL NAME AND NUMBER	CONTRACTOR	RIG NO.	DEPTH YESTERDAY	DEPTH TODAY	TOTAL FOOTAGE	CSG. T.D.	EST. T.D.	NO. OF DAYS	HOLE SIZE	REMARKS
12-21	#1-15 Navajo										5293-5300 and 5395-5400. Total of 41 ft. Went in hole with Baker bridge plug and Baker model "R" packer. Picked up 173 jts. 2-3/8" OD, 4.7#, J-55, 8R RUE tubing
12-22	#1-15 Navajo										<p>PBT 5648 - Western Company acidize well</p> <p>Stage #1 - set BP at 5420 and packer at 5360 to treat zone 5395-5400. Spot 250 gallons 15% HCL breakdown formation 1900 psi, pumped 3000 gallons Westpad ahead of 2000 gals. 28% acid, average treating pressure, 3500 psi at 5 bbls/min. flushed acid with 24 bbls. water. ISIP 2000 psi 10 min SIP 1500 psi, bled zone back, died in 8 min.</p> <p>Stage #2 - set BP at 5325 and packer at 5257 to treat zone 5289-591 and 5293-5300. Spot 250 gals. 15% HCL. Breakdown formation 3200 psi, pumped 4600 gal Westpad ahead of 3600 gals. 28% acid. Average treating pressure 3100 psi at 4 bbls/min flushed acid with 24 bbls water, ISIP 1600 psi, 10 min. SIP after 5 min. Flowing spent acid and acid gas flowed 25 min by heads, killed flow by pumping in 22 bbls water.</p> <p>Stage #3 - set BP 5130 and packer at 5067 to treat zone 5098-5104. Spot 250 gals. 15% HCL breakdown 3800 psi, pump in 1/2 b/m at 4000 psi, pump 25 min at 1/2 bbl/min at 4000 psi. Zone communication thru perf above packer, moved packer to 5003. Treated both zones together by 2000 28% acid. Average pumped 2000 gals. Westpad followed by 2000 28% acid. Average treating pressure 3100 psi at 6 b/m flushed acid with 24 bbls water, ISIP 1800 psi 10 min SIP 1500 psi, flowed zone back, dies in 3 min.</p> <p>Stage #4 - set BP 4970 and packer at 4877 to treat zone 4897-4900, 4938-42 and 4946-52. Spot 250 gal. 15% HCL breakdown 1100 psi pumped 6000 gals. Westpad ahead of 4000 gal. 28% acid. Average treating pressure 3000 psi at 6 b/m. Start to flush acid, operator made mistake and opened valve from 15% spearhead acid. Followed 28% acid with 500 gals. 15% acid. Discovered mistake, flushed acid with 24 bbls. water. ISIP 1600 psi 10 min SIP 1500 psi, flowed zone back, kicked off in 5 min. Flowing acid water, acid gas and natural gas. Well flowed strong for 25 min. Attempted to pump into well, unable to pump. Went in hole 10' with packer. Hit BP. Plug had moved up hole while flowing back. Killed well with water.</p> <p>Stage #5 - BP 4764 and packer at 4533 to treat zone 4568-72. Spot 250 gals 28% acid breakdown formation 1400 psi pumped 2000 gal. Westpad ahead of 2394 gal. 28% acid. Average treating pressure 2800 psi at 7 b/m, flushed acid with 24 bbls</p>

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UNIVERSAL RESOURCES CORPORATION

740' FWL, 610' FSL
 Sec. 15, T-40-N, R-29-E PAGE NO. 5
 Apache County, Arizona
 Elev. 6135' GI.

DAILY DRILLING SUMMARY

DATE	WELL NAME AND NUMBER	CONTRACTOR	RIG NO.	DEPTH YESTER-DAY	DEPTH TODAY	TOTAL FOOTAGE	CSG. T.D.	EST. T.D.	NO. OF DAYS	HOLE SIZE	REMARKS
2-22	#1-15 Navajo										water. ISIP 1700 psi 10 min SIP 1600 psi, flowed zone back. Well kicked off making spent acid water and acid gas. Unseated packer. Pump 25 bbls water down back side of tubing to be sure no acid above packer, reset packer. Shut well in.
2-23,	24 & 25 #1-15 Navajo										Shut down for Christmas
2-26	#1-15 Navajo										PMTD 5648 - bled pressure off tubing and casing, went in hole with packer and bridge plug to 5235. Reverse circulated hole with 75 bbls. water. Circulated out acid gas, gas and gas cut water. Pulled bridge plug, packer and tubing. Ran 171 jts. 2-3/8" OD 4.7# J-55 8R EUE CP&I tubing set at 5426 RXB with Baker Model "K" packer at 4378. Remove BOP, install tubing head, loaded back side with water and rig up to swab.
2-27	# 1-15 Navajo										Commenced swabbing - after swabbing 3-4 hours well kicked off flowing gas and fluid (est. 20% oil, 80% load). Total load of acid and water was 1000 bbls. After 3 hours flowing, est. 1000 MCFGPD plus 300 bbls fluid, 20% oil, 80% acid water. Will flow overnight.
12-28	#1-15 Navajo										Flowed well overnight. At 8:00 AM well flowing est. 750 MCF & 200 bbls fluid - 20% oil, 80% acid water. Have recovered est. 400 bbls of the 1000 bbl load. Major storm has moved in area. Prep to shut in well.
12-	#1-15 Navajo										Shut in.
12-30,	31 #1-15 Navajo										Shut in
1-1, 2	3, 4, 5, 6, 7, 8, 9, 10, 11 & 12										Shut In. 15 day SIP 1285 psi, opened well thru open 2". Flowing 2-3 MCFG & undetermined amount acid water cut with oil.
-13	#1-15 Navajo										No report.
-15	#1-15 Navajo										Flowing by heads thru 2" into fenced reserve pit at est rate of 3/4 to 1 million @ FGGPD + 100 bbls fluid per day 25% oil - 75% acid water.
-16	#1-15 Navajo										
											RECEIVED JAN 18 1973 O & G CONS. COMM.

Sec. 15, T-40-N, R-29-E
 740' FWL, 610' ESL PAGE NO. 6
 Apache County, Arizona
 Elev. 6135' gr

DAILY DRILLING SUMMARY

CORPORATION

UNIVERSAL RESOURCES

DATE	WELL NAME AND NUMBER	CONTRACTOR	RIG NO.	DEPTH YESTER-DAY	DEPTH TODAY	TOTAL FOOTAGE	CSG. T.D.	EST. T.D.	NO. OF DAYS	HOLE SIZE	REMARKS
1-17	#1-15 Navajo										Guaged 500 MCF & est 65 bbls fluid flowing by heads per day, cut 50% oil. Estimated 45-50 gravity. Having water analyzed to determine chlorides. Shut well in at noon due to heavy snow storn and impassable roads.
1-26, 28, 1-29	#1-15 Navajo										Shut in Water sample tested. R_w measured .12 @ 85° or 30,303 ppm chloride.
2-7	#1-15 Navajo										Well shut in. When road is passable, will run packers and swab test each set of perforation.
4-10	#1-15 Navajo										Installed test separator, SITP 1300 psi, Flowed 24 hours with tubing pressure of 776 psi at rate of 1160 MCFGPD, 39.5 bbls. Oil.
4-11	#1-15 Navajo										Flowed 24 hrs., Tubing pressure 776 psi, 1160 MCFGPD, 8.9 bbls. oil, no water.
4-12	#1-15 Navajo										Flowed 24 hrs. Tubing pressure 773 psi, 418 MCFGPD, 3.2 bbls. oil, no water. Will lower tubing pressure to determine if hole loading up with fluid.
4-13	#1-15 Navajo										Flowed 449 MCF and 3.3 bbls. oil with tubing pressure lowered to 610 psi. Lowered tubing pressure to 375 psi and well started unloading water.
4-14	#1-15 Navajo										Flowed 449 MCF, 5 bbls oil & 12 bbls. water in 24 hrs. with tubing pressure 383 psi.
4-15	#1-15 Navajo										Flowed 507 MCF, 5.5 bbls. oil & no estimate on water on 24 hrs., tubing pressure 385 psi. Plan to shut in for 2 wks. then run .1 back pressure test on 3/4" choke.
4-26	#1-15 Navajo										8 day shut in 1,225 lbs. CAOF 1,390,000 cu. ft. gas per day.
											RECEIVED APR 30 1973 O & G CONS. COMM.
											<i>Final Report</i>

W/A

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UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

April 27, 1973

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Loffland 9-5/8"@229.65	<u>4-21,22,23</u> Shut in for State test.
Loffland 9-5/8"@229.65	<u>4-24</u> Running CAOF test.
Loffland 9-5/8"@229.65	<u>4-25</u> No report.
Loffland 9-5/8"@229.65	<u>4-26</u> SI 8 days, SITP 1225#, CAOF 1,390 MCF. <u>FINAL REPORT.</u>

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AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

April 20, 1973

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Loffland
9-5/8"@229.65

Loffland
9-5/8"@229.65

Loffland
9-5/8"@229.65

Loffland
9-5/8"@229.65

Loffland
9-5/8"@229.65

4-14, 15, 16
FTP 610#, 449 MCF, 3.3 BO. Reduced back
pressure to 375#, now unloading some water.

4-17
Flowed 24 hrs, FTP 385#, 507 MCF + 5.5 BO
& 11.4 BLW. Shut well in to take open
flow potential.

4-18
Shut in for State test.

4-19
Shut in for State BHP test.

4-20
Shut in for State test.

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3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

April 13, 1973

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Loffland
9-5/8"@229.65 4-7,8,9
Shut in.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Loffland
9-5/8"@229.65 4-10
FTP 773#, 8.91 BO, 1,160 MCF
4-11
FTP 773#, 3.24 BO, 418 MCF (well is not
making any water)

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Loffland
9-5/8"@229.65 4-13
Flowed 24 hrs, FTP 725#, 418 MCF, 2.9 BO
(no water) Lowered back pressure to 600#.

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3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

March 23, 1973

Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	3-17,18,19 Shut in. Weather permitting, will move in test equipment & run a 3 day test.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	3-20 No report.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	3-21 Engineer checking location before moving in test equipment.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	3-22 SI. Checked roads, they were OK, started test equipment to location & snow shut operation down. (Well drilling north of our test.)
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	3-23 thru 4-6-73 Shut in.

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 AREA 214/691-0040

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 3555 N.W. 58TH STREET
 OKLAHOMA CITY, OKLAHOMA 73112
 AREA 405/947-5707

March 23, 1973

Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>3-17,18,19</u> Shut in. Weather permitting, will move in test equipment & run a 3 day test.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>3-20</u> No report.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>3-21</u> Engineer checking location before moving in test equipment.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>3-22</u> SI. Checked roads, they were OK, started test equipment to location & snow shut operation down. (Well drilling north of our test.)
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>3-23 thru 4-673</u> Shut in.

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910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

March 16, 1973

NAVAJO NO. 1-15
SW/4 SW/4
Section 15-40N-29E
Apache County, Arizona

Weekly report from March 10 thru 16th

SHUT IN.

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REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

JANUARY 19, 1973

<p>Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona</p>	<p>Loffland 9-5/8"@229.65'</p>	<p><u>1-13,14,15</u> 15 day shut in. 1285#. Opened well thru 2". Est. rate 2-3 million + acid water cut with oil. To cont. testing.</p>
<p>Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona</p>	<p>Loffland 9-5/8"@229.65'</p>	<p><u>1-16</u> No report.</p>
<p>Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona</p>	<p>Loffland 9-5/8"@229.65'</p>	<p><u>1-17</u> Flow by heads thru open 2" line, estimate 750 MCFD & 100 bbls of fluid, cutting 25% oil. Lack 300 BL.</p>
<p>Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona</p>	<p>Loffland 9-5/8"@229.65'</p>	<p><u>1-18</u> Test 500 NCF, est. 65 bbls fluid, flowing by heads, cut 50% oil, est. 45-50 degrees gravity. Checking chlorides of water. Shut well in @ noon due to heavy snow storm and impassable roads.</p>
<p>Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona</p>	<p>Loffland 9-5/8"@229.65'</p>	<p><u>1-19 thru 3-7-73</u> Shut in.</p>

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AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

January 12, 1973

Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>1-6,7,8</u> Shut in.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>1-9</u> Shut in, will start testing Wed. or Thurs.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>1-10</u> Shut in.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>1-11</u> Shut in.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65	<u>1-12</u> Shut in.

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11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

WA

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

January 8, 1973

Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65'	<u>12-30,31,1-1,2</u> Shut in.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65'	<u>1-3</u> Shut in.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65'	<u>1-4</u> Shut in.
Navajo No. 1-15 SW/4 SW/4 Section 15-40N-29E Apache County, Arizona	Loffland 9-5/8"@229.65'	<u>1-5</u> Shut in.

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DALLAS, TEXAS 75231
AREA 214/691-0040

December 29, 1972

REPLY TO:

910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros
9-5/8" @ 229.65

12-23, 24, 25, 26
No reports.

OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

DETAILED INFORMATION ON
NAVAJO NO. 1-15 COMPLETION.

Perforated 2 shots per foot, 5396-5400', 5293-5300', 5289-5291', 5098-5104', 5035-5039', 4946-4952', 4938-4942', 4897-4900' & 4568-4572'. Treatment #1 BP @ 5420' & packer @ 5360'. Acidized w/250 gals 15% acid. BD @ 1900#. Treated w/3,000 gals Pad, 2,000 gals 28% acid. Avg. press. 3500# @ 5 BPM. Flushed w/24 BW. ISIP 2000#, 10 min 1500#, died in 8 min. Treatment #2 BP @ 5325' & packer @ 5257'. Acidized w/250 gals 15% acid. BD @ 3200#. Treated w/46 gals Pad, 3,600 gals 28% acid. Avg. press. 3100# @ 4 BPM. Flushed w/24 BW, ISIP 1600#, 10 min 1550#. Flowed back for 25 min making acid water & gas. Killed well w/22 BW. Treatment #3 BP @ 5130' & packer @ 5067'. Acidized w/250 gals 15% acid. BD @ 3800#, 1/2 BPM @ 4000#. After 25 min communication, pulled & set packer @ 5003', treated w/2,000 gals West Pad, 2,000 gals 28% acid. Avg. press. 3100# @ 6 BPM. Flushed w/24 BW, ISIP 1800#, 10 min 1500#. Flowed back 3 min & died. Treatment #4 BP @ 4970' & packer @ 4877'. Acidized w/250 gals 15% acid. BD @ 1100#. Treated w/6,000 gals Pad, 4,000 gals 28% acid. Avg. press. 3000# @ 6 BPM. Opened wrong valve, treated with an additional 500 gals 15% & flushed w/24 BW, ISIP 1600#, 10 min 1500#. Strong flow acid, acid gas & gas for 25 min. Treatment #5 BP @ 4760' & packer @ 4533'. Acidized w/250 gals 28% acid. BD @ 1400#. Treated w/2,000 gals Pad, 2,394 gals 28% acid. Avg. press. 2800# @ 7 BPM. Flushed w/24 BW, ISIP 1700#, 10 min 1600#. Flowed acid gas, gas & acid water. Unseated packer. Ran tubing & packer to 5235', reversed hole w/75 BW. Pulled RTTS equip. Re-ran tubing to 5426', set packer @ 4378. Started swabbing Dec. 27th @ daylight.

12-27

Treated perforations 5396-4568' with 13,600 gals 28% acid + 1,500 gals spearhead acid with RTTS equipment. Total load 1,000 bbls. Zones 5289-5300' treated @ 6 bbls per min and reasonable press. 3100-3600#. To pull RTTS equip. & flow test well.

12-28

Swabbed 3 hrs, well KO. Flowed 20 hrs, 400 bbls fluid. Gas rate 750 MCF. Well wide open, cutting 20% oil. Load to go 600 bbl. Current rate 8-10 BLPH.

12-29

Shut in due to storm.

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UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

December 22, 1972

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-16,17,18
Waiting on completion unit.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-19
Waiting on completion unit.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-20
Waiting on completion unit.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-21
Moving in completion unit. Prep. to run
Tie-in log and perforate.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-22
Ran tie-in log and perforated with 1 shot
per foot at the following intervals.
5396-5400', 5293-5300', 5289-5291', 5098-
5104', 5035-5039', 4946-4952', 4938-4942',
4897-4900' & 4568-4572'. Running RTTS
equipment to test these zones.

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WA
Dec. 7 1972

Samples have been received from the
Universal Resources, #1-15 Navajo
Sec.15-4ON-29E
Apache Co. Ariz Permit # 598

Je Retaliff
Four Corners Sample Cut

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DEC 11 1972

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John Hanson



Patriot

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STATE OF ARIZONA
4515 N. 7th AVE.
TELEPHONE: 271-5161
PHOENIX, ARIZONA 85013

UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

WHT

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

DEC 15 1972

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-9
Ran 177 jts 4 1/2" 10-54, K-55. Set @ 5700'
Cemented with 100 sacks 40-60 P82 + 250
sacks Class "C" + 7 1/2 salt/sack. 645 cu ft.
Plug down @ 1:30, 12-8-72. Released rig.
12-10,11
W.O.C.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-12
Waiting on completion unit.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-13
Waiting on completion unit.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-14
Waiting on completion unit.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-15
Waiting on completion unit.

RECEIVED

DEC 19 1972

O & G CONS. COMM.

HA - 1 (2/2/68)

REPORT OF ANALYSIS

F. S. - 13482 M.S. N-57271-H 0.00 OBS. PRES. 63.5 CAL. PRES. 63.6
 STATE- ARIZONA COUNTY- APACHE
 FIELD- MILDCAT WELL NAME- NAVAJO NO. 1-15
 LOCATION- SEC. 29 T40N R OWNER- UNIVERSAL RESOURCES
 DATE COMPLETED- DST NO. 2 DATE SAMPLED- 12/06/72
 SAMPLED BY- ELLIOTT A. RIGGS
 NAME OF PRODUCING FORMATION- MISS-LEADVILLE
 DEPTH IN FEET- 5695 THICKNESS IN FEET- 80
 SHUT IN WELLHEAD PRES., PSIG- NOT GI OPEN FLOW, MCF/D- NOT GIVEN

CHECK OF DATA- THE WELL DATA ARE ACCURATE, () WITHOUT CORRECTION, () AS CORRECTED ABOVE.

REMARKS-

ANALYSIS-

METHANE	TRACE%	NORMAL PENTANE	0.0%	OXYGEN	20.4%
ETHANE	0.0%	ISOPENTANE	0.0%	ARGON	1.0%
PROPANE	0.1%	CYCLOPENTANE	0.0%	HYDROGEN	0.0%
NORMAL BUTANE	0.0%	HEXANES PLUS	0.0%	H ₂ S	0.0%
ISOBUTANE	0.0%	NITROGEN	78.5%	CO ₂	TRACE%
SPECIFIC GRAV	1.000			HELIUM	TRACE%
				TOTAL	100.0%

CALCULATED GROSS BTU/CU. FT., DRY AT 60 DEG. F AND 30 IN. MERCURY-
 * DUE TO THE ABSORPTION OF H₂S DURING SAMPLING, THE REPORTED RESULTS MAY NOT BE RELIABLE.

PERMISSION FOR RELEASE:

Permission is hereby granted for the Bureau of Mines to release the above data, together with similar data released by other operators as public information and as parts of a series of papers on analyses of gases from various fields, states, or regions.

COMPANY _____

BY _____

TITLE _____

HA - 1 (2/2/68)

REPORT OF ANALYSIS

F. S. - 13982 M.S. N-57271-H 0.00 OBS. PRES. 63.5 CAL. PRES. 63.6
 STATE- ARIZONA COUNTY- APACHE
 FIELD- WILDCAT WELL NAME- NAVAJO NO. 1-15
 LOCATION- SEC. 29. T40N. R OWNER- UNIVERSAL RESOURCES
 DATE COMPLETED- DST NO. 2 DATE SAMPLED- 12/06/72
 SAMPLED BY- ELLIOTT A. RIGGS
 NAME OF PRODUCING FORMATION- MISS-LEADVILLE
 DEPTH IN FEET- 5695 THICKNESS IN FEET- 80
 SHUT IN WELLHEAD PRES., PSIG- NOT GI. OPEN FLOW, MCF/D- NOT GIVEN

CHECK OF DATA- THE WELL DATA ARE ACCURATE, () WITHOUT CORRECTION, () AS CORRECTED ABOVE.

REMARKS-

ANALYSIS-

METHANE	0.4 %	NORMAL PENTANE	0.0 %	OXYGEN	0.0 %
ETHANE	0.0 %	ISOPENTANE	0.0 %	ARGON	3.0 %
PROPANE	2.1 %	CYCLOPENTANE	0.0 %	HYDROGEN	0.0 %
NORMAL BUTANE	0.0 %	HEXANES PLUS	0.0 %	H ₂ S	0.0 %
ISOBUTANE	0.0 %	NITROGEN	93.8 %	CO ₂	0.3 %
SPECIFIC GRAV	0.993	***		HELIUM	0.28 %
				TOTAL	99.8 %

CALCULATED GROSS BTU/CU. FT., DRY AT 60 DEG. F AND 30 IN. MERCURY- 59.
 * DUE TO THE ABSORPTION OF H₂S DURING SAMPLING, THE REPORTED RESULTS MAY NOT BE RELIABLE.

PERMISSION FOR RELEASE:

Permission is hereby granted for the Bureau of Mines to release the above data, together with similar data released by other operators as public information and as parts of a series of papers on analyses of gases from various fields, states, or regions.

COMPANY _____

BY _____

TITLE _____

NA. -1 (2/2/68)

REPORT OF ANALYSIS

F. S. - 13481 M.S. N-57270.0H 0.00 OBS. PRES. 63.5 CAL. PRES. 63.2
 STATE- ARIZONA COUNTY- APACHE
 FIELD- WILDCAT WELL NAME- NAVAJO NO. 1-15
 LOCATION- SEC. 29, T40N, R29E OWNER- UNIVERSAL RESOURCES
 DATE COMPLETED- DST NO. 2 DATE SAMPLED- 12/06/72
 SAMPLED BY- ELLIOTT RIGGS
 NAME OF PRODUCING FORMATION- HISS-LEADVILLE
 DEPTH IN FEET- 5695 THICKNESS IN FEET- 80
 SHUT IN WELLHEAD PRES., PSIG- NOT GI OPEN FLOW, MCF/D- NOT GIVEN

CHECK OF DATA- THE WELL DATA ARE ACCURATE, () WITHOUT CORRECTION, () AS CORRECTED ABOVE.

REMARKS-

ANALYSIS-

METHANE	1.8%	NORMAL PENTANE	0.0%	OXYGEN	0.0%
ETHANE	0.0%	ISOPENTANE	0.0%	ARGON	2.0%
PROPANE	1.3%	CYCLOPENTANE	0.0%	HYDROGEN	0.0%
NORMAL BUTANE	0.0%	HEXANES PLUS	0.0%	H2S	0.0%
ISOBUTANE	0.0%	NITROGEN	92.5%	CO2	2.1%
SPECIFIC GRAV	0.990	***		HELIUM	0.24%
				TOTAL	99.9%

CALCULATED GROSS BTU/CU. FT., DRY AT 60 DEG. F AND 30 IN. MERCURY- 52.
 * DUE TO THE ABSORPTION OF H2S DURING SAMPLING, THE REPORTED RESULTS MAY NOT BE RELIABLE.

PERMISSION FOR RELEASE:

Permission is hereby granted for the Bureau of Mines to release the above data, together with similar data released by other operators as public information and as parts of a series of papers on analyses of gases from various fields, states, or regions.

COMPANY _____

BY _____

TITLE _____

HA-1 (2/2/68)

REPORT OF ANALYSIS

F. S. - 13481 M.S. N-57270-H 0.00 OBS. PRES. 63.5 CAL. PRES. 63.2
 STATE- ARIZONA COUNTY- APACHE
 FIELD- WILDCAT WELL NAME- NAVAJO NO. 1-15
 LOCATION- SEC. 29. T40N. R29E OWNER- UNIVERSAL RESOURCES
 DATE COMPLETED- DST NO. 2 DATE SAMPLED- 12/06/72
 SAMPLED BY- ELLIOTT RIGGS

NAME OF PRODUCING-FORMATION-

MISS-LEADVILLE

DEPTH IN FEET- 5695

THICKNESS IN FEET- 80

SHUT IN WELLHEAD PRES., PSIG-

NOT 61 OPEN FLOW, MCF/D- NOT GIVEN

CHECK OF DATA- THE WELL DATA ARE ACCURATE, () WITHOUT CORRECTION, () AS CORRECTED ABOVE.

REMARKS-

ANALYSIS-

METHANE	0.1 %	NORMAL PENTANE	0.0 %	OXYGEN	20.4 %
ETHANE	0.0 %	ISOPENTANE	0.0 %	ARGON	1.0 %
PROPANE	TRACE %	CYCLOPENTANE	0.0 %	HYDROGEN	0.0 %
NORMAL BUTANE	0.0 %	HEXANES PLUS	0.0 %	H2S	0.0 %
ISOBUTANE	0.0 %	NITROGEN	78.5 %	CO2	0.1 %
SPECIFIC GRAV	1.001			HELIUM	TRACE %
				TOTAL	100.1 %

CALCULATED GROSS BTU/CU. FT., DRY AT 60 DEG. F AND 30 IN. MERCURY- * DUE TO THE ABSORPTION OF H2S DURING SAMPLING, THE REPORTED RESULTS MAY NOT BE RELIABLE.

PERMISSION FOR RELEASE:

Permission is hereby granted for the Bureau of Mines to release the above data, together with similar data released by other operators as public information and as parts of a series of papers on analyses of gases from various fields, states, or regions.

COMPANY _____

BY _____

TITLE _____

HA - 1 (2/2/68)

REPORT OF ANALYSIS

F. S. - 13484 M.S. N-57281-H 0.51 OBS. PRES. 60.9 CAL. PRES. 56.5
 STATE- ARIZONA COUNTY- APACHE
 FIELD- WILDCAT WELL NAME- HAVAJQ NO. 1-15
 LOCATION- SEC. 15, T40N, R29E OWNER- UNIVERSAL RESOURCES
 DATE COMPLETED- DST. NO. 1 DATE SAMPLED- 12/03/72
 SAMPLED BY- ELLIOTT A. RIGGS
 NAME OF PRODUCING FORMATION- ^{PENN} GRET-BARKER CREEK & h. Paradox
 DEPTH IN FEET- 5282 THICKNESS IN FEET- 124
 SHUT IN WELLHEAD PRES., PSIG- NOT GI. OPEN FLOW, MCF/D- NOT GIVEN

CHECK OF DATA- THE WELL DATA ARE ACCURATE, () WITHOUT CORRECTION, () AS CORRECTED ABOVE.

REMARKS-

ANALYSIS-

METHANE	78.9 %	NORMAL PENTANE	0.5 %	OXYGEN	0.5 %
ETHANE	5.1 %	ISOPENTANE	0.0 %	ARGON	0.1 %
PROPANE	2.7 %	CYCLOPENTANE	0.1 %	HYDROGEN	0.0 %
NORMAL BUTANE	0.9 %	HEXANES PLUS	0.3 %	H ₂ S	0.0 %
ISOBUTANE	0.6 %	NITROGEN	8.2 %	CO ₂	1.8 %
SPECIFIC GRAV	0.702			HELIUM	0.51 %
				TOTAL	100.2 %

CALCULATED GROSS BTU/CU. FT., DRY AT 60 DEG. F AND 30 IN. MERCURY- 1052.
 * DUE TO THE ABSORPTION OF H₂S DURING SAMPLING, THE REPORTED RESULTS MAY NOT BE RELIABLE.

PERMISSION FOR RELEASE:

Permission is hereby granted for the Bureau of Mines to release the above data, together with similar data released by other operators as public information and as parts of a series of papers on analyses of gases from various fields, states, or regions.

COMPANY _____

BY _____

TITLE _____

HA - 1 (2/2/68)

REPORT OF ANALYSIS

F. S. - 13485 M.S. N-57280.0H 0.48 OBS. PRES. 62.8 CAL. PRES. 58.1
 STATE- ARIZONA COUNTY- APACHE
 FIELD- WILDCAT WELL NAME- NAVAJO NO. 1-15
 LOCATION- SEC. 15, T40N, R29E OWNER- UNIVERSAL RESOURCES
 DATE COMPLETED- DST. NO. 1 DATE SAMPLED- 12/03/72
 SAMPLED BY- ELLIOTT A. RIGGS
 NAME OF PRODUCING FORMATION- PENN-PARADOX - *Bankton Creek & h. Paradox*
 DEPTH IN FEET- 5282 THICKNESS IN FEET- 124
 SHUT IN WELLHEAD PRES., PSIG- NOT GI OPEN FLOW, MCF/D- NOT GIVEN

CHECK OF DATA- THE WELL DATA ARE ACCURATE, () WITHOUT CORRECTION, () AS CORRECTED ABOVE.

REMARKS-

ANALYSIS-

METHANE	80.9 %	NORMAL PENTANE	0.3 %	OXYGEN	TRACE %
ETHANE	5.2 %	ISOPENTANE	0.1 %	ARGON	TRACE %
PROPANE	2.6 %	CYCLOPENTANE	0.1 %	HYDROGEN	0.0 %
NORMAL BUTANE	0.9 %	HEXANES PLUS	0.3 %	H ₂ S	0.0 %
ISOBUTANE	0.6 %	NITROGEN	6.7 %	CO ₂	1.7 %
SPECIFIC GRAV	0.687			HELIUM	0.53 %
				TOTAL	99.9 %

CALCULATED GROSS BTU/CU. FT., DRY AT 60 DEG. F AND 30 IN. MERCURY- 1067.
 * DUE TO THE ABSORPTION OF H₂S DURING SAMPLING, THE REPORTED RESULTS MAY NOT BE RELIABLE.

PERMISSION FOR RELEASE:
 Permission is hereby granted for the Bureau of Mines to release the above data, together with similar data released by other operators as public information and as parts of a series of papers on analyses of gases from various fields, states, or regions.

COMPANY _____
 BY _____
 TITLE _____

UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

December 8, 1972

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros
9-5/8"@229.65'

12-2
Drilled 8-3/4" hole from 5155-5272'. Mud:
wt 9#, Vis 45, W.L. 8, cake 2/32, pH 11.
Deviation: 3/4 deg @ 5252'.

12-3
No report.

12-4
Drilling @ 5458'. Mud: wt 9.1#, Vis 42,
W.L. 5.5, cake 2/32, pH 11.5. DST #1,
5282-5406', 15 min. initial opening, weak
blow inc. to fair blow. SI 1 hr, reopened
tool for 2 hrs & 3 min. gas to surface in
13 min with 20' flare, gas stabilized @
76 MCF. Rec. 570' black gas cut mud.
Pressures from bottom bomb: Hydro static
In 2537#, IFP 80-268#, ISIP, 1 hr & 3 min.
1166#, 2nd flow 187-213#, FSIP, 2 hrs & 10
min, 1429#.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros
9-5/8"@229.65'

12-5
Drilling @ 5643', made 185' last 24 hrs.
Mud: wt 9#, Vis 45, W.L. 5.5, cake 2/32,
pH 11.5.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-6
Drilling @ 5775'. Prep. to DST.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-7
5775', logging. DST #2, 5695-5775',
initial opening strong blow, reopened too
for 2 hrs with strong blow air. Rec.
3209' fluid, 440' gas cut mud & 2769' gas
cut salt water. IFP 427-639#, ISIP, 1 hr
1534#. FFP 691-1455#, FSIP, 1 hr, 1534#.
Hydrostatic 2774#.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros.
9-5/8"@229.65'

12-8
TD 5775'. Prep. to run 4 1/2" casing.

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UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

WP

REPLY TO:
712 FIRST NATIONAL BANK BUILDING
OKLAHOMA CITY, OKLAHOMA 73102
AREA 405/236-8546

December 1, 1972

Navajo No. 1-15
SW/4 SW/4
Section 15-20N-29E

Loffland Bros
9-5/8"@229.65'

11-25
Drilled 8-3/4" hole from 3920-4075'. Dev.
3/4 deg. @ 3928'.

11-26
Drilled 8-3/4" hole from 4075-4254'.

11-27
Drilled 8-3/4" hole from 4254-4433'. Mud:
wt 9#, Vis 35, W.L. 7, cake 2/32, pH 10.5

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros
9-5/8"@229.65'

11-28
Drilled 8-3/4" hole from 4433-4567' (134')
Mud: wt 9#, Vis 35, W.L. 8, cake 2/32.
Dev: 1 deg. @ 4478'.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros
9-5/8"@229.65'

11-29
Drilled 8-3/4" hole from 4567-4790' (223')

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros
9-5/8"@229.65'

11-30
Drilled 8-3/4" hole from 4790-4979' (189')
Mud: wt 8.8#, Vis 40 W.L. 8, pH 11.5,
cake 2/32.

Navajo No. 1-15
SW/4 SW/4
Section 15-40N-29E

Loffland Bros
9-5/8"@229.65'

12-1
Drilled 8-3/4" hole from 4979-5155' (180')
Mud: wt 9#, Vis 42, W.L. 8, cake 2/32,
pH 12. Dev: 3/4 deg @ 4940'.

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DEC 05 1972

O & G CONS. COMM.

WR

UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

November 24, 1972

Navajo No. 1-15
SW/4 SW/4
Section 15-20N-29E

Loffland Bros
9-5/8"@229.65'

11-18
Drilled 8-3/4" hole from 2325-2698' (373')
Mud: wt 8.9#, Vis 33, W.L. 7, cake 3/32.

11-19
Drilled 8-3/4" hole from 2698-3020' (322')
Mud: wt 9#, Vis 35, W.L. 6, cake 2/32.
Deviation: 1 deg @ 2760'.

11-20
Drilled 8-3/4" hole from 3020-3238' (218')
Mud: wt 9#, Vis 35, W.L. 7, cake 2/32.
Deviation: 1 deg @ 2996'.

Navajo No. 1-15
SW/4 SW/4
Section 15-20N-29E

Loffland Bros
9-5/8"@229.65'

11-21
Drilled 8-3/4" hole from 3238-3496' (258')
Mud: wt 9#, Vis 40, W.L. 7, cake 2/32.

Navajo No. 1-15
SW/4 SW/4
Section 15-20N-29E

Loffland Bros
9-5/8"@229.65'

11-22
3510', trip 14'.

Navajo No. 1-15
SW/4 SW/4
Section 15-20N-29E

Loffland Bros.
9-5/8"@229.65'

11-23
Trip @ 3697' for plugged bit.

11-24
Drilled 8-3/4" hole from 3697-3920'. Made
223' last 24 hrs. Mud: wt 9.1#, Vis 35,
W.L. 7, cake 2/32.

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NOV 27 1972

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL DEEPEN PLUG BACK

b. TYPE OF WELL OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Universal Resources Corporation

3. ADDRESS OF OPERATOR
910 National Foundation West Bldg., 3555 NW 58th St., Oklahoma City, Oklahoma 73112

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 710' FSL & 740' FWL
At proposed prod. zone Same as Above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 Miles SW of Teec Nos Pos

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
710'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6135' Grd.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT

- 11-16-72: Drlg. @ 1578'. Dev. 3/4 deg. @ 605'. 1deg. @ 1035' & 1-1/2 deg. @ 1320'. Bit #4.
- 11-17-72: Drlg. @ 2325'. Dev. 1 deg. @ 2105'.
- 11-18-72: Drlg. 8-3/4" hole from 2325-2698'. Md. wt. 8.9#, Vis 33, W.L. 7, cake 3/32.
- 11-19-72: Drlg. 8-3/4" hole from 2698-3020'. Md. wt. 9#, Vis 35, W.L. 6, cake 2/32. Dev. 1 deg. @ 2760'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED V. N. Baker TITLE Agent DATE 11-21-72

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE DESIGNATION AND SERIAL NO.
NOO-C-14-20-4439

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo

9. WELL NO.
1-15

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M. OR B.L. AND SURVEY OR AREA
Sect. 15-T40N-R29E

12. COUNTY OR PARISH, STATE
Apache Arizona

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*See Instructions On Reverse Side

Form 9-331 C
(May 1963)

SUBMIT IN THIS ORIENTATION*
(Other Instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Universal Resources Corporation

3. ADDRESS OF OPERATOR
910 National Foundation West Building, 3555 NW 58th. St., Okla. City, Okla. 73112.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 710' FSL & 740' FWL
At proposed prod. zone Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles SW of Teec Nos Pos

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 710'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6135' GR

5. LEASE DESIGNATION AND SERIAL NO.
NOO-C-14-20-4139

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FIRM OR LEASE NAME
Navajo

9. WELL NO.
1-15

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
Sec. 15-T40N-R29E

12. COUNTY OR PARISH 13. STATE
Apache Arizona

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 80 acres W/2 SW/4

19. PROPOSED DEPTH 5800'

20. ROTARY OR CABLE TOOL 22. APPROX. DATE WORK WILL START*
Rotary Spd. 11-14-72

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
7-7/8"	9-5/8"	24#	229.65'	330 sacks

Spudded well 11-14-72.

Set 9-5/8" 24# casing @ 229.65'. Cemented w/330 sacks cement, 1/4# gel flake & 2% CaCl₂. Cement circulated to surface. Plug down @ 10:45 A.M. 11-15-72. Tstd. to 500#. Drilling @ 550'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

21. SIGNED H. N. Baker TITLE Agent DATE 11-15-72

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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*See Instructions On Reverse Side

UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

November 10, 1972

WA

598

Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros.	<u>11-4,5,6</u> Will move rig in this week.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>11-7</u> Will move in rig this week.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>11-8</u> Waiting on rotary rig.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>11-9</u> Waiting on rotary rig.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>11-10</u> Waiting on rotary rig.

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UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

REPLY TO:
910 NATIONAL FOUNDATION WEST BUILDING
3555 N.W. 58TH STREET
OKLAHOMA CITY, OKLAHOMA 73112
AREA 405/947-5707

November 3, 1972

9-9-72 till waiting on rotary

Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros.	<u>10-28,29,30</u> Moving in rotary. Work delayed due to snow & rain.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>10-31</u> Moving in rotary. Work delayed due to weather.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>11-1</u> Moving in rotary. Work delayed due to weather.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>11-2</u> Waiting on rotary.
Navajo No. 1-15 SW/4 SW/4 Section 15-20N-29E	Loffland Bros	<u>11-3</u> Waiting on rotary.

RECEIVED
NOV 06 1972
O & G CONS. COMM.

ANTICIPATED FORMATION TOPS

<u>Formation</u>	<u>Datum</u>	<u>Depth</u>
Jurassic sand and shale	KB +6147	spud
Triassic		
Chinle shale	+5436	711
Shinarump conglomerate	+4166	1981
Moenkopi shale	+3986	2161
Permian		
De Chelly sandstone	+3808	2339
Cutler (Organ Rock) siltstone	+3390	2757
Cutler Evaporites (Supai) red shale and anhydrites	+2803	3344
Pennsylvanian		
Hermosa limestone and shale	+2043	4104
Upper Ismay limestone	+1450	4697
Lower Ismay limestone	+1373	4774
Desert Creek limestone	+1332	4815
Akah limestone and dolomite	+1230	4917
Barker Creek limestone and dolomite	+1066	5081
Lower Barker Creek limestone and dolomite	+ 958	5189
Molas shale	+ 656	5491
Mississippian limestone	+ 616	5531
Mississippian porosity dolomite	+ 511	5636
Devonian		
Ouray dolomite	+ 436	5711
Elbert dolomite, sandstone, and shale	+ 406	5741
Pre-Cambrian		

RECEIVED

SEP 05 1972

O & G CONS. COMM.

598

6135
57
349

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL X

RE-ENTER OLD WELL U

NAME OF COMPANY OR OPERATOR UNIVERSAL RESOURCES CORPORATION

Address 712 First National Center, Oklahoma City, Oklahoma 73102

Drilling Contractor Will notify when selected

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor	Well number	Elevation (ground)
<u>Navajo Tribal NOO 14-20-439</u>	<u>1-15</u>	<u>6135'</u>
Nearest distance from proposed location to property or lease line:	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:	
<u>710 feet</u>	<u>None</u> feet	
Number of acres in lease:	Number of wells on lease, including this well, completed in or drilling to this reservoir:	
<u>640</u>	<u>None</u>	
If lease, purchased with one or more wells drilled, from whom purchased:	Name	Address
	<u>Not applicable</u>	

Well location (give footage from section lines)	Section—township—range or block and survey	Dedication (Comply with Rule 105)
<u>740' FWL 710' SL</u>	<u>Sec. 15-140N-R29E</u>	<u>W/2 NW/4</u>

Field and reservoir (if wildcat, so state)	County
<u>Wildcat</u>	<u>Apache</u>

Distance, in miles, and direction from nearest town or post office
9 miles SW Teec Nos Pos

Proposed depth:	Rotary or cable tools	Approx. date work will start
<u>5800'</u>	<u>Rotary</u>	<u>Immed. upon approval</u>
Bond Status	Organization Report	Filing Fee of \$25.00
Amount <u>5,000</u>	On file <input checked="" type="checkbox"/> X Or attached	Attached <input checked="" type="checkbox"/> Yes

Remarks:
It is proposed to drill the well using mud as a circulating medium to Pre-Cambrian Granite estimated @ 5800' and to test and/or produce all zones possible productive of hydrocarbons. Estimated formation tops are enclosed.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the Universal Resources Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

RECEIVED
SEP 03 1972
O & G CONS. COMM.

Signature [Signature]
Date August 31, 1972

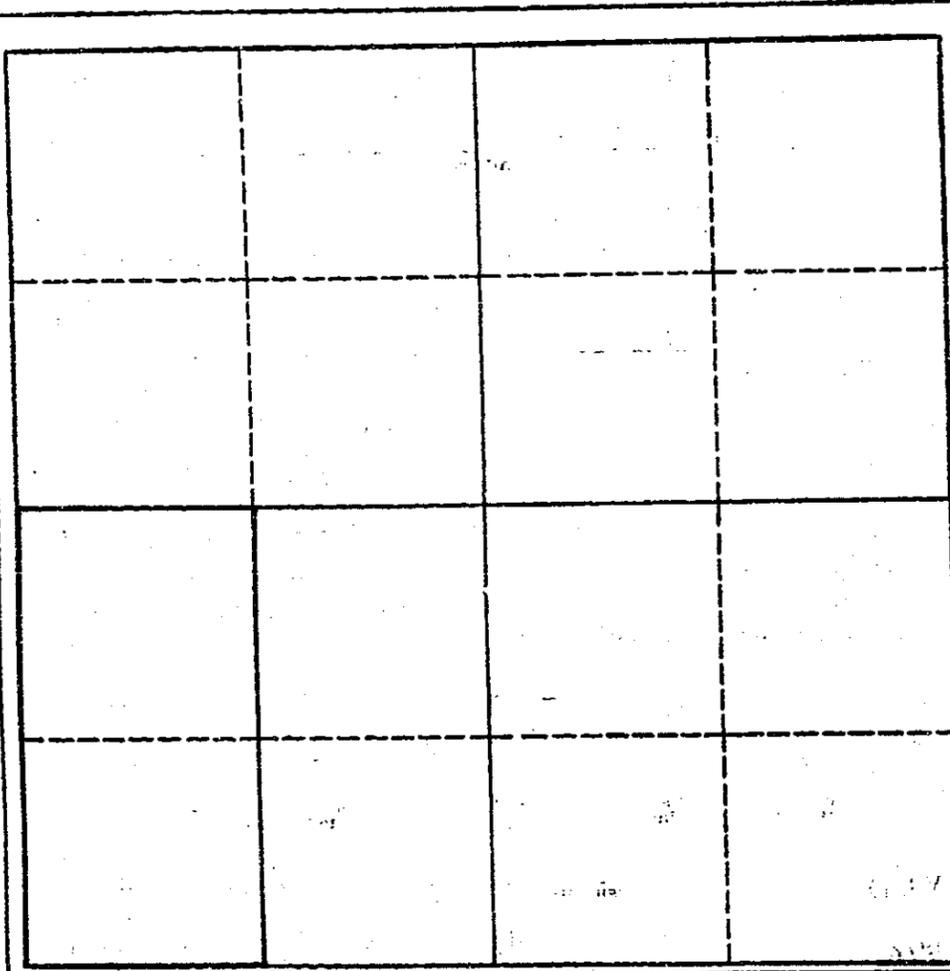
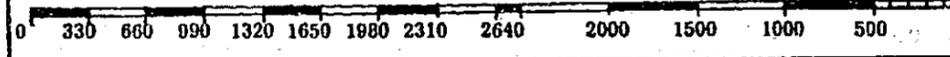
Permit Number: 598
Approval Date: 9-4-72
Approved By: [Signature]

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

Form No. 3
(Complete Reverse Side)

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat. **Attached**
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- All distances shown on the plat must be from the outer boundaries of the Section.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES NO
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES NO If answer is "yes," Type of Consolidation _____
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner Navajo Tribe	Land Description W2 of SW$\frac{1}{4}$
Sec. 15-T40N-R29E, Apache Co., Arizona	
	<p style="text-align: center;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <p>Name _____ Position Vice President Company Universal Resources Corp. Date August 31, 1972</p> <p>I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed May 13, 1972 Registered Professional Engineer and/or Land Surveyor James P. Leese</p> <p>Certificate No. 1849</p>
	

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
9-5/8"	24#	K-55	Same	Same	200'	500 sacks
4-1/2"	11.6#	J-55	"	"	5800'	250 sacks

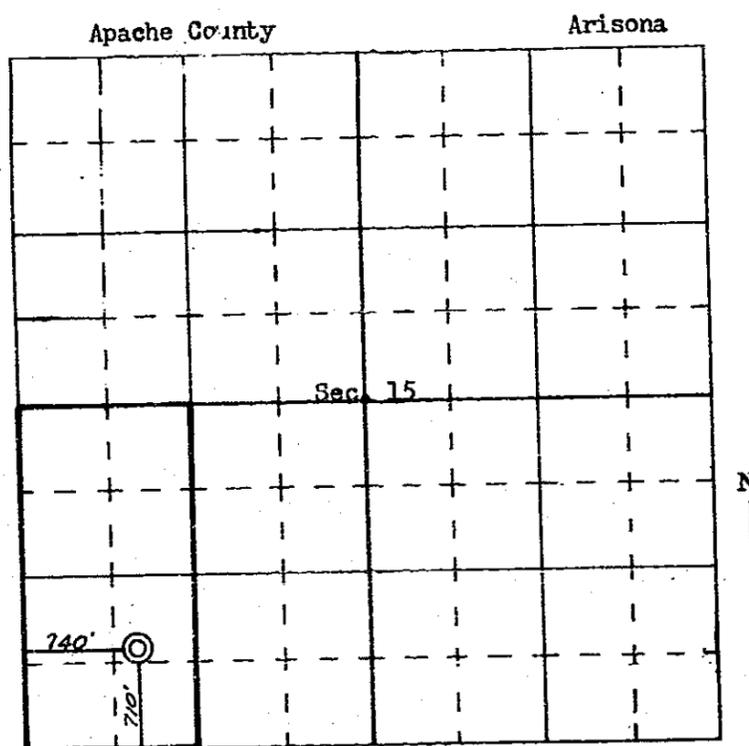
COMPANY UNIVERSAL RESOURCES CORPORATION

LEASE Navajo WELL NO. 1-15

SEC. 15 T. 40 NORTH R. 29 East, G., & S.R.M.

LOCATION 710 Feet from the South line and
740 Feet from the West line

ELEVATION 6135.0



SCALE—1 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:

James P. Lane
Registered Land Surveyor,
Ariz. Reg. No. 1849



SURVEYED 13 May, 1972, 19__

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

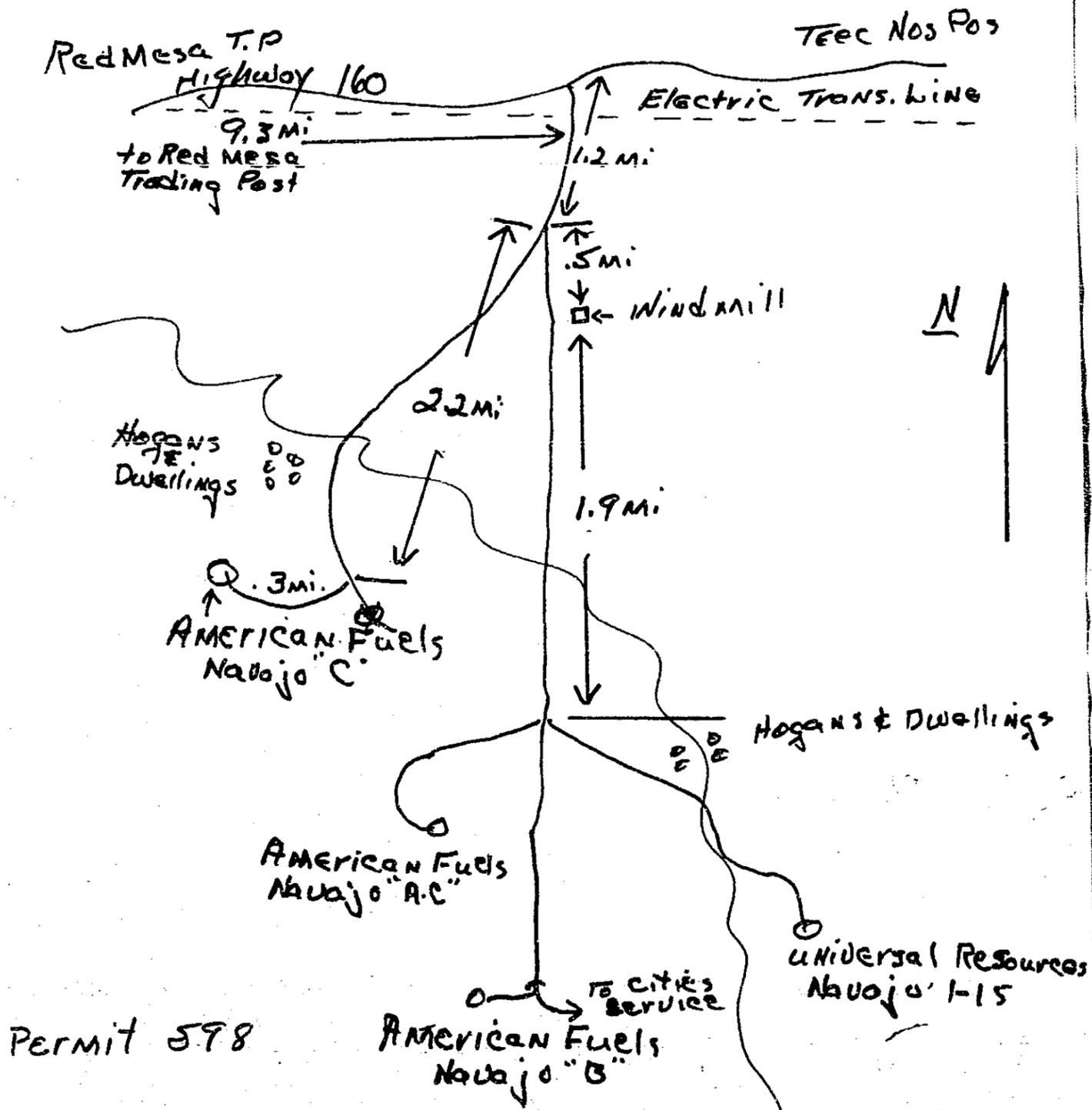
578

RECEIVED

SEP 03 1972

O & G CONS. COMM.

Map to American Fuels
Navajo "B", "C", "AC" &
UNIVERSAL RESOURCES 1-15



Permit 578



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

UNIVERSAL RESOURCES CORPORATION

To: _____
(OPERATOR)

to drill a well to be known as
UNIVERSAL NAVAJO TRIBAL 1-15

(WELL NAME)

located **740' FSL - 710' FSL**
Section **16** Township **40N** Range **29E** **Apache** County, Arizona.

The **80 acres, W/2 of SW/4** of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this **5th** day of **September**, 19**72**.

OIL AND GAS CONSERVATION COMMISSION

By W. B. De
EXECUTIVE SECRETARY

PERMIT No 598

RECEIPT NO. 2934
API NO. 02-001-20174

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

SAMPLES ARE REQUIRED



C

C



0

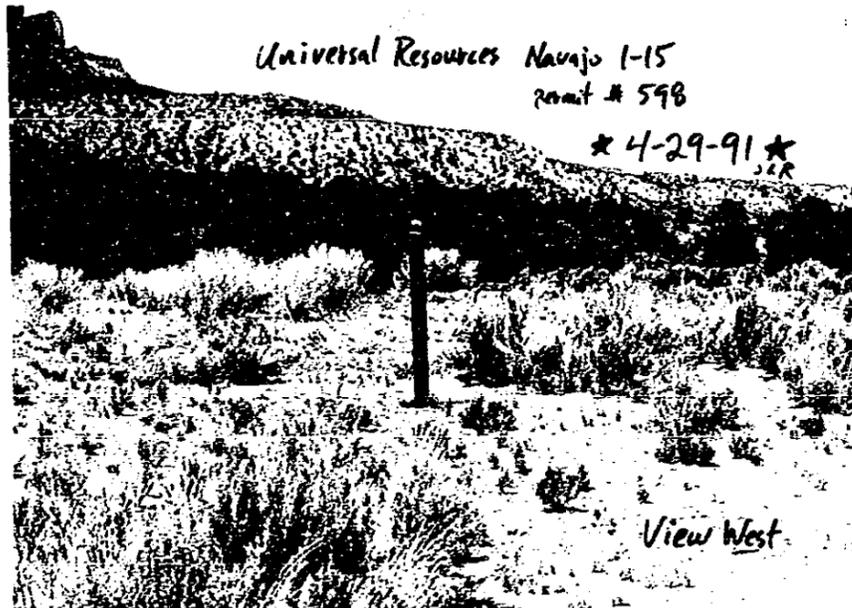
Universal Resources Navajo 1-15, PIN 598
Field checked 4-29-91 SLR

Jeans Flat

Abajo Mtns



View NW



Universal Resources Navajo 1-15
Permit # 598

* 4-29-91 *

View West



Oil and Gas Conservation Commission
STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

May 3, 1991

Mr. Douglas S. Smith
Celsius Energy Company
1125 Seventeenth Street #2240
Denver, CO 80202

RE: URC Navajo 1-15, 15-T40N-R29E, Apache Co., AZ
Performance Bond SLR11119153416

Dear Mr. Smith:

This letter represents this Commission's approval to terminate the above captioned bond (copy enclosed).

I inspected the location on April 29 and the location has been restored and marked to the satisfaction of this Commission.

Sincerely,

A handwritten signature in cursive script that reads "Steven L. Rauzi".

Steven L. Rauzi
Oil & Gas Specialist

Enclosure

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. SLR11119153416

That we: Universal Resources Corporation
of the County of Salt Lake in the State of Utah
as principal, and Firemans Fund Insurance Company
of 649 East South Temple Salt Lake City, Utah 84102

AZ OIL & GAS CONSERVATION COMMISSION
SEP 17 1990

AUTHORIZED TO DO BUSINESS WITHIN THE STATE OF ARIZONA.
as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Five Thousand and No/100 (\$5,000.00) Dollars

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

1 Navajo 15, SW SW Sec. 15, T40N-R29E, Apache County, Arizona

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

- 1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 20th day of July, 19 90

WITNESS BY: [Signature] Assistant Secretary, Universal Resources Corporation
BY: [Signature] Executive Vice President, Principal

WITNESS our hands and seals, this 20th day of July, 19 90

DATE 5-3-91 BY: [Signature] Firemans Fund Insurance Company
BY: [Signature] Gary W. Manville Attorney-in-Fact
[Signature] Tamara Leighton 2122 E. Highland Phoenix, Arizona 84106
(Surety, Resident Arizona Agent If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date 9/18/90
STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
By: [Signature]

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION
Bond File Two Copies
Form No. 2

Permit No. 598

THIS BOND REPLACES BOND 610113217 ISSUED WITH U S FIRE INS. CO.

GENERAL
POWER OF
ATTORNEY

FIREMAN'S FUND INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That FIREMAN'S FUND INSURANCE COMPANY, a Corporation duly organized and existing under the laws of the State of California, and having its principal office in the County of Marin, State of California, has made, constituted and appointed, and does by these presents make, constitute and appoint

L. KENT BILLS, EDWARD F. FOLLAND, EDWARD B. MORETON, JEAN M. LAMBOURNE,
GARY W. MANVILLE, JOYCE R. HARTLEY and WILLIAM R. MORETON
jointly or severally

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VII, Sections 45 and 46 of By-laws of FIREMAN'S FUND INSURANCE COMPANY now in full force and effect.

"Article VII. Appointment and Authority of Resident Secretaries, Attorney-in-Fact and Agents to accept Legal Process and Make Appearances.

Section 45. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 46. Authority. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact and Agents shall be as prescribed in the instrument evidencing their appointment. Any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of FIREMAN'S FUND INSURANCE COMPANY at a meeting duly called and held on the 7th day of August, 1984, and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, FIREMAN'S FUND INSURANCE COMPANY has caused these presents to be signed by its Vice-President, and its corporate seal to be hereunto affixed this 29th day of November, 1988



FIREMAN'S FUND INSURANCE COMPANY

By R. D. Farnsworth
Vice-President

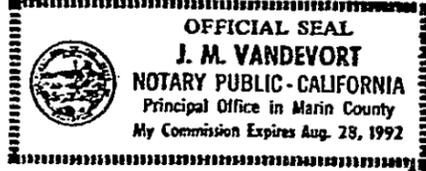
CANCELLED
5-3-91

STATE OF CALIFORNIA
COUNTY OF MARIN

ss.

On this 29th day of November, 1988, before me personally came R. D. Farnsworth to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of FIREMAN'S FUND INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



J. M. Vandevort
Notary Public

CERTIFICATE

STATE OF CALIFORNIA
COUNTY OF MARIN

ss.

I, the undersigned, Resident Assistant Secretary of FIREMAN'S FUND INSURANCE COMPANY, a CALIFORNIA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VII, Sections 45 and 46 of the By-laws of the Corporation, and the Resolution of the Board of Directors; set forth in the Power of Attorney, are now in force.

Signed and sealed at the County of Marin. Dated the 20th day of July, 1990



Luetta E. Anstey
Resident Assistant Secretary



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

October 16, 1990

Douglas S. Smith, Foreman
Celsius Energy Company
1125 Seventeenth St. #2240
Denver, Colorado 80202

Dear Mr. Smith,

Thank you for sending the completion forms for the old Universal Resources 1-15 Navajo well, SWSW Sec 15 T40N-R29E. Evidently the well has been plugged and the well site cleaned up and reseeded.

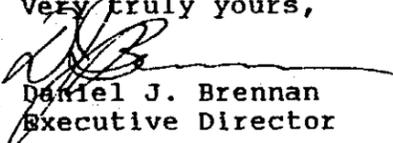
Obviously, the job was not done in compliance with our rules, which require prior approval of the plan by the Commission and 24-hour notification prior to doing any of the plugging work.

We hope to inspect the well site on our next trip to the area, probably sometime in November. If we make it before the snow covers the ground, we will do the inspection, otherwise it will have to wait till spring.

If the site and the marker meet our requirements, we will release the bond.

I hope we can get this old business cleaned up at last.

Very truly yours,


Daniel J. Brennan
Executive Director

DJB/ms



CELSIUS ENERGY COMPANY

1125 SEVENTEENTH STREET #2240 · DENVER, COLORADO 80202 · PHONE (303) 296-8945

October 11, 1990

AZ OIL & GAS
CONSERVATION COMMISSION
OCT 13 1990

OIL AND GAS CONSERVATION COMMISSION
STATE OF ARIZONA
5150 North 16th Street, Suite B-141
Phoenix, Arizona 85016

Attn: Mr. Daniel J. Brennan

RE: Universal Resources Corporation,
U. S. Fire Insurance
Bond No. 610-113217-5 (\$10,000)
URC Navajo No. 1-15 Well
SW/4 SW/4, Sec. 15, T40N-R29E
Apache County, Arizona

Dear Mr. Brennan:

It has come to our attention that your office has some concerns with regard to the release of the above referenced Performance Bond due to Universal Resources deficiency in complying with State Rules and Regulations regarding the final abandonment and rehabilitation of the wellsite.

Attached you will find copies of the originally approved documentation that was supplied to the USDI-Bureau of Land Management for the plugging and rehabilitation of the Navajo No. 1-15, as well as the recently completed forms that are required by the State of Arizona Oil and Gas Commission - the latter being submitted for your approval and release of the Bond on the Navajo No. 1-15.

I have contacted Mr. John Keller, who is with the Farmington, New Mexico BLM in regard to the abandonment of the Navajo No. 1-15 well and he has stated that the well abandonment and rehabilitation has met the requirements of the Bureau.

Page No 2
Oil & Gas Conservation Commission
October 11, 1990

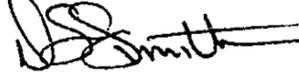
AZ OIL & GAS
CONSERVATION COMMISSION

OCT 13 1990

If you and your staff should have further concerns or are in need of additional information, please contact me at the above telephone number.

Thank you for your attention to this matter.

Sincerely,



DOUGLAS S. SMITH
Foreman

DSS/lc
Enclosures



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

September 18, 1990

Ms. Sharron Rushton
Fred A. Moreton & Company
649 East South Temple
P. O. Box 58139
Salt Lake City, UT 84158-0138

RE: Approval of Bond SLR11119153416
Release of Bond 6101132175

Dear Ms. Rushton:

Enclosed is an approved copy of performance bond SLR11119153416 effective July 20, 1990, for Universal Resources's Navajo 1-15 well, our permit 598.

This Commission approves the release of performance bond 6101132175 effective July 20, 1990.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Specialist

Enclosure



FRED A. MORETON & COMPANY

INSURANCE — SURETY BONDS — EMPLOYEE BENEFITS

**AZ OIL & GAS
CONSERVATION COMMISSION**

SEP 17 1990

July 9, 1990

Dan Brennan
State of Arizona
Oil and Gas Conservation Commission
5150 N. 16th Street, Suite B-141
Phoenix, Arizona 84016

RE: Universal Resources Corporation
\$5,000 Oil and Gas Well Drilling Bond
Bond SLR11119153416

Dear Dan:

Enclosed is the above captioned bond we have issued for Universal Resources Corporation covering their one existing well. Please file the bond with the Arizona Oil & Gas Conservation Commission.

This bond is replacing their \$10,000 blanket bond, 610113217. As we discussed, Universal only needs a \$5,000 individual bond for the one well they have. Please forward to our office a letter releasing bond 610113217 effective 7-20-90, the date the new bond is effective. We will forward the release letter to Alexander and Alexander, the other agency on the bond, along with a copy of the new bond. We will also send a copy of the release letter to Universal Resources.

If there are any problems with the bond, please contact our office direct.

Sincerely,


Sharron Rushton

encls.

P.S. A copy of the organization report is also enclosed.



649 EAST SOUTH TEMPLE, P.O. BOX 58139, SALT LAKE CITY, UTAH 84158-0139

Telephone: (801) 531-1234 • Easylink: (USA) 62879947 • TWX: (Internat'l) 5101004903 • Fax: (801) 531-6117

PERFORMANCE BOND
KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. SLR11119153416

That we: Universal Resources Corporation **AZ OIL & GAS CONSERVATION COMMISSION**

of the County of Salt Lake in the State of Utah SEP 17 1990

as principal, and Firemans Fund Insurance Company

of 649 East South Temple Salt Lake City, Utah 84102
AUTHORIZED TO DO BUSINESS WITHIN THE STATE OF ARIZONA.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Five Thousand and No/100 (\$5,000.00) Dollars lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

1 Navajo 15, SW SW Sec. 15, T40N-R29E, Apache County, Arizona
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 20th day of July, 19 90.

ATTEST: [Signature] Assistant Secretary
BY: [Signature] Executive Vice President Principal WEP

WITNESS our hands and seals, this 20th day of July, 19 90.

Firemans Fund Insurance Company
BY: [Signature] Gary W. Manville Attorney-in-Fact
Tamara Leighton Tamara Leighton 2122 E. Highland
(Surety, Resident Arizona Agent If issued in a state other than Arizona) Phoenix, Arizona 84106

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date 9/18/90
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: [Signature]

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2

Permit No. 598 (Original in active bond file)

THIS BOND REPLACES BOND 610113217 ISSUED WITH U S FIRE INS. CO.

GENERAL
POWER OF
ATTORNEY

FIREMAN'S FUND INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That FIREMAN'S FUND INSURANCE COMPANY, a Corporation duly organized and existing under the laws of the State of California, and having its principal office in the County of Marin, State of California, has made, constituted and appointed, and does by these presents make, constitute and appoint

L. KENT BILLS, EDWARD F. FOLLAND, EDWARD B. MORETON, JEAN M. LAMBOURNE,
GARY W. MANVILLE, JOYCE R. HARTLEY and WILLIAM R. MORETON
jointly or severally

its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver any and all bonds, undertakings, recognizances or other written obligations in the nature thereof

and to bind the Corporation thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the Corporation and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises.

This power of attorney is granted pursuant to Article VII, Sections 45 and 46 of By-laws of FIREMAN'S FUND INSURANCE COMPANY now in full force and effect.

"Article VII. Appointment and Authority of Resident Secretaries, Attorney-in-Fact and Agents to accept Legal Process and Make Appearances."

Section 45. Appointment. The Chairman of the Board of Directors, the President, any Vice-President or any other person authorized by the Board of Directors, the Chairman of the Board of Directors, the President or any Vice-President may, from time to time, appoint Resident Assistant Secretaries and Attorneys-in-Fact to represent and act for and on behalf of the Corporation and Agents to accept legal process and make appearances for and on behalf of the Corporation.

Section 46. Authority. The authority of such Resident Assistant Secretaries, Attorneys-in-Fact and Agents shall be as prescribed in the instrument evidencing their appointment. Any such appointment and all authority granted thereby may be revoked at any time by the Board of Directors or by any person empowered to make such appointment."

This power of attorney is signed and sealed under and by the authority of the following Resolution adopted by the Board of Directors of FIREMAN'S FUND INSURANCE COMPANY at a meeting duly called and held on the 7th day of August, 1984, and said Resolution has not been amended or repealed:

"RESOLVED, that the signature of any Vice-President, Assistant Secretary, and Resident Assistant Secretary of this Corporation, and the seal of this Corporation may be affixed or printed on any power of attorney, on any revocation of any power of attorney, or on any certificate relating thereto, by facsimile, and any power of attorney, any revocation of any power of attorney, or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Corporation."

IN WITNESS WHEREOF, FIREMAN'S FUND INSURANCE COMPANY has caused these presents to be signed by its Vice-President, and its corporate seal to be hereunto affixed this 29th day of November, 1988.



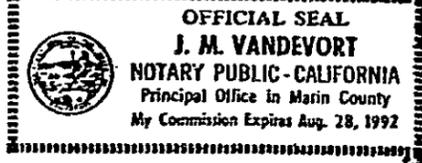
FIREMAN'S FUND INSURANCE COMPANY

By R. D. Farnsworth
Vice-President

STATE OF CALIFORNIA
COUNTY OF MARIN

On this 29th day of November, 1988, before me personally came R. D. Farnsworth to me known, who, being by me duly sworn, did depose and say: that he is Vice-President of FIREMAN'S FUND INSURANCE COMPANY, the Corporation described in and which executed the above instrument; that he knows the seal of said Corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Corporation and that he signed his name thereto by like order.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, the day and year herein first above written.



J. M. Vandevort
Notary Public

CERTIFICATE

STATE OF CALIFORNIA
COUNTY OF MARIN

I, the undersigned, Resident Assistant Secretary of FIREMAN'S FUND INSURANCE COMPANY, a CALIFORNIA Corporation, DO HEREBY CERTIFY that the foregoing and attached POWER OF ATTORNEY remains in full force and has not been revoked; and furthermore that Article VII, Sections 45 and 46 of the By-laws of the Corporation, and the Resolution of the Board of Directors; set forth in the Power of Attorney, are now in force.

Signed and sealed at the County of Marin. Dated the 20th day of July, 1990



Luetta E. Anetky
Resident Assistant Secretary

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual
Universal Resources Corporation

Post Office Address (Box or Street Address)
P. O. Box 11070, Salt Lake City, UT 84147

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)
Corporation

Purpose of Organization (State type of business in which engaged)
Oil and Gas Exploration and Production

If a reorganization, give name and address of previous organization.
N/A

If a foreign corporation, give (1) State where incorporated Texas	(2) Name and post office address of state agent Universal Resources does not have an agent in Arizona*	(3) Date of permit to do business in state May 19, 1972*
Principal Officers or Partners (if partnership) NAME	TITLE	POST OFFICE ADDRESS
SEE ATTACHED LIST		
DIRECTORS NAME	POST OFFICE ADDRESS	
SEE ATTACHED LIST		

*Universal Resources withdrew from Arizona in September 1988. The well for which the attached bond is being submitted was plugged August 3, 1984. The well site was restored and reseeded on July 24, 1986. Universal Resources has been notified that the restoration was not approved. Therefore, the restoration work will be performed again and submitted for approval.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President & Assistant Secretary of the Universal Resources Corporation (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

**AZ OIL & GAS
 CONSERVATION COMMISSION**
 SEP 17 1990


 Signature
 August 24, 1990
 Date

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Organization Report
 File One Copy ...
 Form No. 1

Universal Resources Corporation AZ OIL & GAS
CONSERVATION COMMISSION

SEP 17 1990

Officers & Directors

R. D. Cash 451-66-1161	Chairman of the Board of Directors, President, Chief Executive Officer	180 East First South P. O. Box 11150 Salt Lake City, Utah 84147
G. L. Nordloh 522-68-0696	Executive Vice President, Chief Operating Officer, Director	79 South State P. O. Box 11070 Salt Lake City, Utah 84147
Melvin L. Owen 464-88-7081	Vice President - Administration Assistant Secretary	79 South State P. O. Box 11070 Salt Lake City, Utah 84147
W. F. Edwards 528-68-0912	Vice President, Chief Financial Officer, Director	180 East First South P. O. Box 11150 Salt Lake City, Utah 84147
M. B. McGinley 528-72-0905	Vice President - Marketing	79 South State P. O. Box 11070 Salt Lake City, Utah 84147
M. A. Howerton 528-72-1468	Controller, Assistant Treasurer	79 South State P. O. Box 11070 Salt Lake City, Utah 84147
Connie C. Holbrook 528-74-9873	Secretary, Director	180 East First South P. O. Box 11150 Salt Lake City, Utah 84147
S. E. Parks 528-76-2946	Treasurer	180 East First South P. O. Box 11150 Salt Lake City, Utah 84147
J. L. Healey 520-36-0098	Assistant Secretary	79 South State P. O. Box 11070 Salt Lake City, Utah 84147

During the annual shareholder's meeting in May 1990, all directors
and officers were elected or appointed to their respective office.



Oil and Gas Conservation Commission
STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

Permit 598

August 21, 1990

Ms. Karen Perez
Crum & Forster Commercial Insurance
P. O. Box 2639
Dallas, TX 75221-2639

RE: Bond 619 113217 5
Universal Resources Corp.

Dear Ms. Perez:

In response to your letter of August 13, I have to tell you that your information that a replacement for the above bond has been filed is incorrect. We have not received the Firemen's Fund bond you describe in your letter.

Inasmuch as we have not received the "replacement" bond, the old bond remains in effect. Please advise your clients of this situation.

I do hope we can get this all cleared up soon.

Very truly yours,


Daniel J. Brennan
Executive Director

**Crum & Forster
Commercial Insurance**

A XEROX Financial Services Organization

P. O. Box 2639
Dallas, Texas 75221-2639

August 13, 1990

State of Arizona
Oil & Gas Conservation Commission
5150 N. 16th Street, Suite B-141
Phoenix, AZ 85016
Attn: Daniel J. Brennan, Executive Director

RE: Bond #610 113217 5
UNIVERSAL RESOURCES CORPORATION

Dear Mr. Brennan,

Please review the copy of your February 21, 1990 letter which is enclosed.

I am unsure whether any progress has been made with restoration of the well site, but we have been advised that a bond has been filed in replacement of the above bond issued by United States Fire Insurance Company. The information for the replacement bond is as follows:

Bond Number: SLR 11119153416
Surety: Fireman's Fund Insurance Co.
Effective Date: July 20, 1990

This new bond was sent to you on July 9, 1990 and the effective date coincides with our bond's "expiration" date. I would appreciate you verifying this information and advising whether our bond can now be considered terminated as to all liability.

I appreciate your assistance in this matter and have enclosed a stamped, self-addressed envelope for your convenience in replying.

Thank you very much.

Sincerely,

Karen Perez

Karen Perez
SW/W Bond Branch

KP/tc

1984 FEB 26 10 15 AM



Oil and Gas Conservation Commission
STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

RECEIVED
FEB 26 1990
DALLAS BOND

February 21, 1990

Ms. Betty Hahn
Crum & Forster Commercial Insurance
4040 N. Central Expressway
P. O. Box 2639
Dallas, TX 75221

Re: Universal Resources Corporation
Bond No. 610 113217 5

Dear Ms. Hahn:

With regard to your "second request" for release of Bond for Universal Resources applied to their well 1-15 Navajo, SW SW Sec. 15-T40N-R29E, Apache County, Arizona, please be advised that we did not receive your "first request".

Please note our address for future correspondence.

The bond for Universal Resources has not been released because they have not complied with our rules. We have found out from the Federal Bureau of Land Management that Universal plugged the well on August 3, 1984. Universal is required to submit a plugging report to us before we can release the bond.

However, Universal apparently has not ever restored the well site as required by BLM and by the Arizona Oil and Gas Conservation Commission. They must completely restore the site and file certified reports of the plugging and site restoration.

After we receive those reports we will schedule a site inspection for our next trip to the area after the snow is gone and the peregrine falcons are past their nesting period.

Enclosed are copies of required reports for abandonment of a well. Please have your client complete them and return to us as soon as possible. A separate statement to confirm rehabilitation will be acceptable.

Very truly yours,

Daniel J. Brennan
Executive Director

Encl.



Oil and Gas Conservation Commission

STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

May 9, 1990

Fred A. Moreton & Co.
649 E. South Temple
Salt Lake City, UT 84120

Attention: Sharon

Re: Universal Resources Corporation
Bond No. 610 113217 5

Pursuant to our telephone conversation this afternoon, I am sending you a copy of my letter of February 21, 1990, to Crum and Forster in Dallas. Also enclosed are copies of the forms required.

The Organization report is required until the bond is cancelled.

The well to which this bond applies is Universal Resources
1 Navajo 15, SW SW Sec. 15, T40N-R29E, Apache County, Arizona.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Daniel J. Brennan".

Daniel J. Brennan
Executive Director

Encl.



Oil and Gas Conservation Commission
STATE OF ARIZONA

5150 N. 16th STREET, SUITE B-141
PHOENIX, ARIZONA 85016
PHONE: (602) 255-5161

February 21, 1990

Ms. Betty Hahn
Crum & Forster Commercial Insurance
4040 N. Central Expressway
P. O. Box 2639
Dallas, TX 75221

Re: Universal Resources Corporation
Bond No. 610 113217 5

Dear Ms. Hahn:

With regard to your "second request" for release of Bond for Universal Resources applied to their well 1-15 Navajo, SW SW Sec. 15-T40N-R29E, Apache County, Arizona, please be advised that we did not receive your "first request".

Please note our address for future correspondence.

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However, Universal apparently has not ever restored the well site as required by BLM and by the Arizona Oil and Gas Conservation Commission. They must completely restore the site and file certified reports of the plugging and site restoration.

After we receive those reports we will schedule a site inspection for our next trip to the area after the snow is gone and the peregrine falcons are past their nesting period.

Enclosed are copies of required reports for abandonment of a well. Please have your client complete them and return to us as soon as possible. A separate statement to confirm rehabilitation will be acceptable.

Very truly yours,

Daniel J. Brennan
Executive Director

Encl.



Oil and Gas Conservation Commission

STATE OF ARIZONA

3110 N. 19th AVENUE, SUITE 190

PHOENIX, ARIZONA 85015

PHONE: (602) 255-5161

March 20, 1989

Mr. Marshall Watson
Chuska Energy
315 N. Behrend
Farmington, NM 87411

Re: Daily Drilling Reports
State Permits #598, #608, and #615

Dear Mr. Watson:

As you have requested, I am sending copies of the daily drilling reports for each of the referenced wells. These copies represent all of the daily drilling report data in our files.

Also enclosed is an invoice in the amount of \$19.75 to cover copying charges for 79 pages at 25 cents per page.

If we can be of further assistance, please advise.

Sincerely,

A handwritten signature in cursive script that reads "Steven L. Rauzi".

Steven L. Rauzi
Oil & Gas Specialist

Encl.
1r



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 255-5161

July 2, 1985

Ms. Dorothy Valek
Assistant Vice-President
Alexander & Alexander of Texas, Inc.
717 North Harwood Street
Lock Box #8
Dallas, TX 75201

RE: Universal Resource Corp.
Well No. 1-15 Navajo
Bond No. 6101132175

Dear Ms. Valek:

This is in response to your letter of June 27, 1985 requesting release of subject bond.

Please be informed that the bond cannot be released until Well No. 1-15 Navajo is plugged and abandoned in a manner approved by the Commission.

Incidentally, the copy of the bond received with your letter was never approved by the Commission in 1973. The original bond (No. 774825) on this well was in the amount of \$5,000.00. See enclosed rider.

If you have any further questions on this matter, please call.

Sincerely,

R. A. Ybarra

R. A. Ybarra
Enforcement Director

/kb

Enclosure

United States Fire Insurance Company
A New York Corporation
Home Office: New York, N. Y.

Westchester Fire Insurance Company
A New York Corporation
Home Office: New York, N. Y.

International Insurance Company
An Illinois Corporation
Home Office: Chicago, Illinois

The North River Insurance Company
A New Jersey Corporation
Home Office: Township of Morris, N. J.

CRUM & FORSTER INSURANCE COMPANIES

THE POLICY MAKERS

ADMINISTRATIVE OFFICES: Madison Avenue at Canfield Road, Morristown, New Jersey

Rec'd 7/10/83
Mailed copy 5/19/83
598

ALL-PURPOSE SURETY CHANGE RIDER

Rider to be attached to and form a part of Bond Number 774825

on behalf of UNIVERSAL RESOURCES CORPORATION
(Name)

DALLAS, TEXAS (Principal),
(Address)

and in favor of STATE OF ARIZONA, OIL AND GAS CONSERVATION COMMISSION (Obligee),

executed by UNITED STATES FIRE INSURANCE COMPANY, as

Surety, in the amount of FIVE THOUSAND AND NO/100 (\$ 5,000.00)

Dollars, effective JULY 20, 1973.

The Principal and UNITED STATES FIRE INSURANCE COMPANY hereby consent to changing the said bond as follows:

EFFECTIVE MARCH 16, 1983, THE BOND NUMBER IS CHANGED:

FROM: 774825
TO: 610 113217 5

CANCELLED
DATE 7-20-90

Nothing herein contained shall vary, alter or extend any provision or condition of the bond other than as above stated.

Signed, Sealed and dated this 16TH day of MARCH, 1983.

Accepted By
R. G. Yfana Enforcement Dir.
Obligee

UNITED STATES FIRE INSURANCE COMPANY
By Leanne Kaszewski Surety
LEANNE KASZEWSKI Attorney-In-Fact

Alexander & Alexander of Texas, Inc.
717 N. Harwood Street
Lock Box #8
Dallas, Texas 75201
Telephone 214 880-0321
TWX 910-861-4308

RECEIVED

JUN 27 1985

O & G CONS. COMM.

**Alexander
& Alexander**

June 24, 1985

State of Arizona
Oil & Gas Conservation Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

UNIVERSAL RESOURCES CORPORATION
UNITED STATES FIRE INSURANCE COMPANY
BOND NO. 6101132175
(BOND SERIAL NO. 798629)
\$10,000 PERFORMANCE BOND TO
THE STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

Gentlemen:

We have been instructed by Universal Resources Corporation to cancel the captioned bond since they no longer have oil and gas operations within the State of Arizona.

Please review your file and let us have a release of the surety company's liability under this bond. We would appreciate receiving a letter of release as soon as possible.

We are enclosing a copy of the bond which was executed July 20, 1973, which we thought would be helpful in locating your file.

If there is any other information you need, please advise.

Cordially,

Dorothy Valek
Dorothy Valek
Assistant Vice President

DV/71/14

cc: Mr. Mel Owen
Universal Resources Corporation
P. O. Box 802426
Dallas, Texas 75380

PERFORMANCE BOND

This bond replaces Bond Number 774825

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 798629

at we: Universal Resources Corporation

of the County of Dallas in the State of Texas

as principal, and United States Fire Insurance Company

of New York

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Ten Thousand and no/100 Dollars (\$10,000) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. §27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 20th day of July, 1973.

UNIVERSAL RESOURCES CORPORATION

WITNESS our hands and seals this

20th day of July, 1973

UNITED STATES FIRE INSURANCE COMPANY

Doris M. Cain, Attorney In-Fact

Surety, Resident Arizona Agent (If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved _____
 Date _____
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By _____

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Bond 602-255-5161
 File Two Copies
 Form No. 2 1645 West Jefferson Suite 430
 Phoenix, Arizona 85007

Permit No. _____

COPY TO HOME OFFICE
 BONDING DEPARTMENT
 FROM: WESTERN DIST.
 DATE: 7-24-73
 REF. #

United States Fire Insurance Company
A New York Corporation
Home Office: New York, N. Y.

Westchester Fire Insurance Company
A New York Corporation
Home Office: New York, N. Y.

International Insurance Company
An Illinois Corporation
Home Office: Chicago, Illinois

The North River Insurance Company
A New Jersey Corporation
Home Office: Township of Morris, N. J.

**CRUM-FORSTER INSURANCE COMPANIES
THE POLICY MAKERS**

ADMINISTRATIVE OFFICES: Madison Avenue at Canfield Road, Morristown, New Jersey

Rec'd
5/15/83
mailed
copy 5/19/83
598

ALL-PURPOSE SURETY CHANGE RIDER

Rider to be attached to and form a part of Bond Number 774825

on behalf of UNIVERSAL RESOURCES CORPORATION

(Name)

DALLAS, TEXAS

(Address)

(Principal)

and in favor of STATE OF ARIZONA, OIL AND GAS CONSERVATION COMMISSION

(Obligee)

executed by UNITED STATES FIRE INSURANCE COMPANY, as

Surety, in the amount of FIVE THOUSAND AND NO/100 (\$ 5,000.00)

Dollars, effective JULY 20, 19 73

The Principal and UNITED STATES FIRE INSURANCE COMPANY hereby consent to

changing the said bond as follows:

EFFECTIVE MARCH 16, 1983, THE BOND NUMBER IS CHANGED:

FROM: 774825

TO: 610 113217

CANCELLED
DATE 7-20-83

Nothing herein contained shall vary, alter or extend any provision or condition of the bond other than as above stated.

Signed, Sealed and dated this 16TH day of MARCH, 19 83

Accepted By

R. G. Yana Enforcement Dir.
Obligee

UNITED STATES FIRE INSURANCE COMPANY

By Leanne Maszewski Surety
LEANNE MASZEWSKI Attorney-In-Fact

**POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE, NEW YORK, N.Y.**

ALL MEN BY THESE PRESENTS: That UNITED STATES FIRE INSURANCE COMPANY ("Company"), a corporation duly organized and existing under the laws of the State of New York, and having its administrative offices in the Township of Morris, State of New Jersey, has made, constituted and appointed, and does by these presents make, constitute and appoint Leanne Laszewski of Dallas, Texas

its true and lawful Agent(s) and Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver: Any and all bonds and undertakings SUBJECT TO THE EXCLUSIONS LISTED BELOW:

1. Bid, Proposal and Final Bonds and Undertakings guaranteeing contracts for the construction or erection of public or private buildings, improvements, and other works and guaranteeing public and private contracts for supplies.
2. Bonds on behalf of Independent Executors, Community Survivors, Community Guardians-----

and to bind the Company thereby as fully and to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal or administrative offices in their own proper persons.

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated.

This Power of Attorney revokes all previous powers issued in behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 21st day of December, 19 82.



Attest:

UNITED STATES FIRE INSURANCE COMPANY

Ernest E. Smith
Assistant Secretary
Ernest E. Smith

Joseph P. McGrath
Vice President
Joseph P. McGrath

STATE OF NEW JERSEY)
COUNTY OF MORRIS) ss.:

On this 21st day of December, 19 82, before the subscriber, a duly qualified Notary Public of the State of New Jersey, came the above-mentioned Vice President and Assistant Secretary of United States Fire Insurance Company, to me personally known to be the officers described in, and who executed the preceding instrument, and they acknowledged the execution of the same, and being by me duly sworn, deposed and said, that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Company.

NOTARY

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at the Township of Morris, the _____ day and year first above written.

HERBERT H. LINDER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 19, 1983

Herbert H. Linder
Notary Public



OFFICE OF
Oil and Gas Conservation Commission

STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 271-5161

March 28, 1983

Floyd West & Company
P. O. Box 2639
Dallas, Texas 75221

Re: Universal Resources Corporation
Well No. 1-15 Navajo
Bond No. 774825

Attention: Ms. Leanne Laszewski

Dear Ms. Laszewski:

This will acknowledge receipt of your letter of March 16, requesting acceptance by the Arizona Oil & Gas Commission of your rider changing Bond Numbers from 798629 to 610 113217 5 on subject well.

Please be informed that the bond on record with this office for subject operator is not Bond Number 798629 but 774825 as shown above. Attempts in the early 1970's to replace the original bond with Bond Number 798629 were denied by this office. Apparently the replacement bond was never properly executed. Also, the original bond is for an indemnity amount of \$5,000.00 not \$10,000.00 as shown on the rider.

Please reconcile these differences and then resubmit your request.

If I can be of any further assistance, please advise.

Sincerely,

R. A. Ybarra
R. A. Ybarra
Enforcement Director

RAY:bg

#598

AKA
OS
BG

Floyd West & Company
a Crum and Forster organization

4040 No. Central Expressway
P.O. Box 2639
Dallas, Texas 75221

RECEIVED

MAR 25 1983

O & G CONS. COMM.

IMPORTANT NOTICE

March 16, 1983

State of Arizona
Oil and Gas Conservation Commission
Phoenix, Arizona

Re: Principal UNIVERSAL RESOURCES CORPORATION

Bond Number 798629

Gentlemen:

We are changing our Bond Numbers. Enclosed is a Rider amending this bond number to 610-113217 5.

Please file this with the captioned bond.

Thank you.

Very truly yours,

Leanne Laszewski

Leanne Laszewski
Bond Department

/ci

Encl.

CC: Agent

hab

B-113

RECEIVED
7-20-90

United States Fire Insurance Company
A New York Corporation
Home Office: New York, N.Y.

International Insurance Company
An Illinois Corporation
Home Office: Chicago, Illinois

Westchester Fire Insurance Company
A New York Corporation
Home Office: New York, N.Y.

The North River Insurance Company
A New Jersey Corporation
Home Office: Township of Morris, N.J.



U.S. Insurance Group
a Crum and Forster organization

(Each a Capital Stock Company)

RECEIVED

MAR 25 1983 -

O & G CONS. COMM.

ALL-PURPOSE SURETY CHANGE RIDER

Rider to be attached to and form a part of Bond Number 798629
on behalf of UNIVERSAL RESOURCES CORPORATION
(Name)
Dallas, Texas (Principal),
(Address)
and in favor of State of Arizona (Obligee),
executed by United States Fire Insurance Company, as
Surety, in the amount of Ten Thousand and No/100 (\$ 10,000.00)
Dollars, effective July 20, 19 73.

The Principal and United States Fire Insurance Company hereby consent to changing the said bond as follows:

It is understood and agreed that the above bond is amended as follows:

Changing Bond Number From: 79829

To: 610 113217 5

Nothing herein contained shall vary, alter or extend any provision or condition of the bond other than as above stated.

Signed, Sealed and dated this 16th day of March, 19 83.

Accepted By

_____ Obligee

UNITED STATES FIRE INSURANCE COMPANY

By Leanne Laszewski Surety
Leanne Laszewski Attorney-In-Fact

POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE, NEW YORK, N.Y.

KNOW ALL MEN BY THESE PRESENTS: That UNITED STATES FIRE INSURANCE COMPANY ("Company"), a corporation duly organized and existing under the laws of the State of New York, and having its administrative offices in the Township of Morris, State of New Jersey, has made, constituted and appointed, and does by these presents make, constitute and appoint Leanne Laszewski of Dallas, Texas

its true and lawful Agent(s) and Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver: Any and all bonds and undertakings SUBJECT TO THE EXCLUSIONS LISTED BELOW:

1. Bid, Proposal and Final Bonds and Undertakings guaranteeing contracts for the construction or erection of public or private buildings, improvements, and other works and guaranteeing public and private contracts for supplies.
2. Bonds on behalf of Independent Executors, Community Survivors, Community Guardians-----

and to bind the Company thereby as fully and to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal or administrative offices in their own proper persons.

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated.

This Power of Attorney revokes all previous powers issued in behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 21st day of December, 19 82.



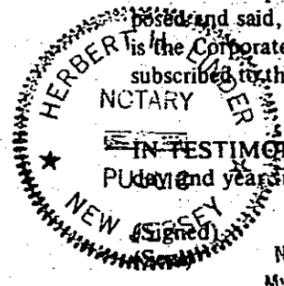
Attest: Ernest E. Smith Joseph P. McGrath
7-20-90
Assistant Secretary Vice President
UNITED STATES FIRE INSURANCE COMPANY

Ernest E. Smith

Joseph P. McGrath

STATE OF NEW JERSEY)
COUNTY OF MORRIS) ss.:

On this 21st day of December, 1982, before the subscriber, a duly qualified Notary Public of the State of New Jersey, came the above-mentioned Vice President and Assistant Secretary of United States Fire Insurance Company, to me personally known to be the officers described in, and who executed the preceding instrument, and they acknowledged the execution of the same, and being by me duly sworn, deposed and said, that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Company.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at the Township of Morris, the place and year first above written.

HERBERT H. LINDER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 19, 1983

Herbert H. Linder
Notary Public

January 20, 1981
CERTIFIED MAIL

Bond Department
Crum & Forster Insurance Companies
524 W. Stephenson St.
Freeport, Illinois 61032

Re: Universal Resources Corp.
Bond No. 774825

Gentlemen:

In reviewing the file with reference to the above-mentioned bond, our records indicate that the Universal Resources oil well in Apache County is still covered by this surety.

An attempt was made at one time to cancel this bond and replace it with bond No. 798629. This transaction was not allowed. Consequently, bond No. 774825 remains in force. Copies of correspondence pertaining to the above are enclosed.

Please acknowledge with your comments on the above facts.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os
Enc.

No. 845068

RECEIPT FOR CERTIFIED MAIL—⁸⁰ (plus postage)

SENT TO	Bond Dept., Crum & Forster Ins. Cos.	POSTMARK OR DATE
STREET AND NO.	524 W. Stephenson St.	
P.O., STATE AND ZIP CODE	Freeport, Ill. 61032	
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN	1. Shows to whom and date delivered	45¢
RECEIPT	With delivery to addressee only	65¢
SERVICES	2. Shows to whom, date and where delivered	35¢
	With delivery to addressee only	85¢
DELIVER TO ADDRESSEE ONLY		50¢
SPECIAL DELIVERY (extra fee required)		

PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side)
Apr. 1971 NOT FOR INTERNATIONAL MAIL GPO: 1972 O - 460-743

WEA talked with Doris M. Cain, Crum & Forster Ins., & informed her we should continue to hold surety co. responsible for Universal Res. well (598)

PS Form 3811, Aug. 1978

SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one). 45

Show to whom and date delivered. _____

Show to whom, date, and address of delivery. _____

RESTRICTED DELIVERY
Show to whom and date delivered. _____

RESTRICTED DELIVERY
Show to whom, date, and address of delivery. \$ _____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Bond Dept., Crum & Forster Ins. Cos.
524 W. Stephenson St.
Freeport, Ill. 61032

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	845068	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

4. DATE OF DELIVERY: 1-21-81

POSTMARK: [Circular postmark with date 1-21-81]

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: _____

CLERK'S INITIALS: _____

* GPO: 1978-272-382

POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE, NEW YORK, N.Y.

KNOW ALL MEN BY THESE PRESENTS: That UNITED STATES FIRE INSURANCE COMPANY ("Company"), a corporation duly organized and existing under the laws of the State of New York, and having its administrative offices in the Township of Morris, State of New Jersey, has made, constituted and appointed, and does by these presents make, constitute and appoint Leanne Laszewski of Dallas, Texas

its true and lawful Agent(s) and Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, seal, acknowledge and deliver: Any and all bonds and undertakings SUBJECT TO THE EXCLUSIONS LISTED BELOW:

1. Bid, Proposal and Final Bonds and Undertakings guaranteeing contracts for the construction or erection of public or private buildings, improvements, and other works and guaranteeing public and private contracts for supplies.
2. Bonds on behalf of Independent Executors, Community Survivors, Community Guardians

and to bind the Company thereby as fully and to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal or administrative offices in their own proper persons.

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated.

This Power of Attorney revokes all previous powers issued in behalf of the attorney(s)-in-fact named above.

IN WITNESS WHEREOF United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 21st day of December 19 82.



Attest:

UNITED STATES FIRE INSURANCE COMPANY

Ernest E. Smith
Assistant Secretary

Joseph P. McGrath
Vice President

STATE OF NEW JERSEY)
COUNTY OF MORRIS) ss.:

On this 21st day of December 19 82, before the subscriber, a duly qualified Notary Public of the State of New Jersey, came the above-mentioned Vice President and Assistant Secretary of United States Fire Insurance Company, to me personally known to be the officers described in, and who executed the preceding instrument, and they acknowledged the execution of the same, and being by me duly sworn, deposed and said, that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Company.



IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal at the Township of Morris, the _____ day and year first above written.

HERBERT H. LINDER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires April 19, 1983

Notary Public

This Power of Attorney is granted pursuant to Article IV of the By-Laws of UNITED STATES FIRE INSURANCE COMPANY as now in full force and effect and which provides as follows:

ARTICLE IV., Execution of Instruments: "The Chairman of the Board, Vice-Chairman of the Board, President, or any Vice-President, in conjunction with the Secretary, or any Secretary, if more than one shall be appointed by the Board, or an Assistant Secretary, shall have power on behalf of the Corporation:

(a) to execute, affix the corporate seal manually or by facsimile to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, powers of attorney or revocations of any powers of attorney, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;

(b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation."

This Power of Attorney is signed and sealed under and by the authority of Article III, Section 9 of the By-Laws of the UNITED STATES FIRE INSURANCE COMPANY as now in full force and effect and which provides as follows:

ARTICLE III., Section 9. Facsimile Signatures: "The signature of any officer authorized by the Corporation to sign any bonds, guarantees, undertakings, recognizances, stipulations, powers of attorney or revocations of any powers of attorney and policies of insurance issued by the Corporation may be printed facsimile, lithographed, or otherwise produced. . . . The Corporation may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Corporation, notwithstanding the fact that he may have ceased to be such at the time when such instruments shall be issued."

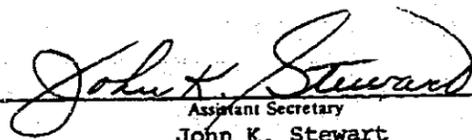
CERTIFICATE

State of New Jersey
County of Morris

I, the undersigned, Assistant Secretary of UNITED STATES FIRE INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing POWER OF ATTORNEY remains in full force and effect and has not been revoked and furthermore that the above quoted abstracts of Article IV. and Article III., Section 9. of the By-Laws of the Company are now in full force and effect.

In Testimony Whereof, I have hereunto subscribed my name and affixed the corporate seal of the said Company,
this 16th day of March 19 83

By


Assistant Secretary
John K. Stewart

January 20, 1981
CERTIFIED MAIL

Bond Department
Crum & Forster Insurance Companies
524 W. Stephenson St.
Freeport, Illinois 61032

Re: Universal Resources Corp.
Bond No. 774825

Gentlemen:

In reviewing the file with reference to the above-mentioned bond, our records indicate that the Universal Resources oil well in Apache County is still covered by this surety.

An attempt was made at one time to cancel this bond and replace it with bond No. 798629. This transaction was not allowed. Consequently, bond No. 774825 remains in force. Copies of correspondence pertaining to the above are enclosed.

Please acknowledge with your comments on the above facts.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os
Enc.

No. 845068

RECEIPT FOR CERTIFIED MAIL ⁸⁰ (plus postage)

SENT TO	Bond Dept., Crum & Forster Ins. Cos.	POSTMARK OR DATE	
STREET AND NO.	524 W. Stephenson St.		
P.O., STATE AND ZIP CODE	Freeport, Ill. 61032		
OPTIONAL SERVICES FOR ADDITIONAL FEES			
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered	45¢	
	With delivery to addressee only	65¢	
	2. Shows to whom, date and where delivered ..	35¢	
	With delivery to addressee only	85¢	
DELIVER TO ADDRESSEE ONLY		50¢	
SPECIAL DELIVERY (extra fee required)			

PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side)
Apr. 1971 NOT FOR INTERNATIONAL MAIL GPO: 1972 O-460-743

WEG talked with Doris M. Coyle, Crum & Forster Ins., & informed her we issued contract to hold surety co. responsible for Universal Res. well (598)

PS Form 3811, Aug. 1978

● SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

1. The following service is requested (check one) **45¢**

Show to whom and date delivered. _____

Show to whom, date, and address of delivery. _____

RESTRICTED DELIVERY
Show to whom and date delivered. _____

RESTRICTED DELIVERY
Show to whom, date, and address of delivery. \$ _____

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Bond Dept., Crum & Forster Ins. Cos.
524 W. Stephenson St.
Freeport, Ill. 61032

3. ARTICLE DESCRIPTION:

REGISTERED NO.	CERTIFIED NO.	INSURED NO.
	845068	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

[Signature]

4. DATE OF DELIVERY: **1-21-81** POSTMARK: **FREEPORT ILL 1981**

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: _____ CLERK'S INITIALS: _____

RETURN RECEIPT REGISTERED, INSURED AND CERTIFIED MAIL

U.S. POSTAL SERVICE

COMMISSION
E OF ARIZONA
FFERSON, SUITE 420
X, ARIZONA 85007

CERTIFIED
No. 845023
MAIL

RETURNED
TO
SENDER
ADDRESSEE UNKNOWN



Addressee unknown 441 B

Henry Miller Insurance Agency, Inc.
2745 N. Central Expressway
Dallas, Texas 75204



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
1645 WEST JEFFERSON, SUITE 420
PHOENIX, ARIZONA 85007
PHONE: (602) 255-5161

January 12, 1981
CERTIFIED MAIL

Henry Miller Insurance Agency, Inc.
2745 N. Central Expressway
Dallas, Texas 75204

Re: Oil well drilling bond
Performance Bond No. 774825
Universal Resources Corp., principal

Gentlemen:

The well drilled by Universal Resources Corp. covered by the above-captioned bond is in an inactive status. Our last correspondence with Universal was unanswered.

Please be advised that under the terms of the bond and state rules and regulations the surety company is responsible for the plugging and abandonment of this well.

Yours truly,

Don Whittaker
Director
Enforcement Section

DW:os *Don Whittaker*

CC: Via Certified Mail
Mr. John R. Brack
Universal Resources Corp.
1000 Carillon Tower East
13601 Preston Rd.
Dallas, Texas 75240

RECEIVED
JAN 19 1981
O & G CONS. COMM.

PS Form 3811, Aug. 1978

● SENDER: Complete items 1, 2, and 3.
Add your address in the "RETURN TO" space on reverse.

The following service is requested (check one) *45*

Show to whom and date delivered. *45*

Show to whom, date, and address of delivery. *1*

RESTRICTED DELIVERY
Show to whom and date delivered. *1*

RESTRICTED DELIVERY
Show to whom, date, and address of delivery. *3*

(CONSULT POSTMASTER FOR FEES)

2. ARTICLE ADDRESSED TO:
Mr. John R. Brack
Universal Resources Corp.
1000 Carillon Tower East
13601 Preston Rd.
Dallas, Tex. 75240

3. ARTICLE DESCRIPTION:
REGISTERED NO. | CERTIFIED NO. | INSURED NO.
| 845024 |

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE *Ralf Day* Addressee Authorized agent

4. DATE OF DELIVERY *1/5/81*

5. ADDRESS (Complete only if requested)

6. UNABLE TO DELIVER BECAUSE: _____ CLERK INITIALS _____

★ GPO: 1978-272-382

RETURN RECEIPT REGISTERED, INSURED AND CERTIFIED MAIL



No. 845023

RECEIPT FOR CERTIFIED MAIL ~~30c~~ (plus postage)

SENT TO Henry Miller Insurance Agency, Inc.		POSTMARK OR DATE <i>Returned 1-19-57 "address unknown"</i>
STREET AND NO. 2745 N. Central Expressway		
P.O., STATE AND ZIP CODE Dallas, Tex. 75204		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered	45 15c
	With delivery to addressee only	65c
DELIVER TO ADDRESSEE ONLY	2. Shows to whom, date and where delivered	35c
	With delivery to addressee only	85c
SPECIAL DELIVERY (extra fee required) 50c		
PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side) Apr. 1971 NOT FOR INTERNATIONAL MAIL GPO: 1972 O-450-743		

Henry Miller Insurance Agency, Inc.
2745 N. Central Expressway
Dallas, Texas 75204

Re: Oil well drilling bond
Performance Bond No. 774825
Universal Resources Corp., principal

Gentlemen:

The well drilled by Universal Resources Corp. covered by the above-captioned bond is in an inactive status. Our last correspondence with Universal was unanswered.

Please be advised that under the terms of the bond and state rules and regulations the surety company is responsible for the plugging and abandonment of this well.

Yours truly,

Don Whittaker
Director
Enforcement Section

No. 845024

RECEIPT FOR CERTIFIED MAIL ~~30c~~ (plus postage)

SENT TO John R. Brack		POSTMARK OR DATE
Universal Resources Corp.		
STREET AND NO. 1000 Carillon Tower East, 13601 Preston Rd.		
P.O., STATE AND ZIP CODE Dallas, Tex. 75240		
OPTIONAL SERVICES FOR ADDITIONAL FEES		
RETURN RECEIPT SERVICES	1. Shows to whom and date delivered	45 15c
	With delivery to addressee only	65c
DELIVER TO ADDRESSEE ONLY	2. Shows to whom, date and where delivered	35c
	With delivery to addressee only	85c
SPECIAL DELIVERY (extra fee required) 50c		
PS Form 3800 NO INSURANCE COVERAGE PROVIDED— (See other side) Apr. 1971 NOT FOR INTERNATIONAL MAIL GPO: 1972 O-450-743		

Permit 598

255-

November 14, 1979

Mr. Earl Beecher
U.S. Geological Survey
P.O. Box 959
Farmington, New Mexico 87401

Dear Earl:

With reference to our conversation concerning the inactive wells on Indian lands in Arizona, the following information is enclosed:

1. Copy of letter to Universal Resources Corp., Dallas, Texas
2. Location of American Fuels wells
 - a. Navajo "AC" No. 1, Lease No. NOO-C-14-20-3814
NE/NE sec. 17, T. 40 N., R. 29 E., State Permit 615
 - b. Navajo "B" No. 1, Lease No. NOO-C-14-20-2249
SE/SW sec. 9, T. 40 N., R. 29 E., State Permit 608
 - c. Navajo "C" No. 1, Lease No. NAV O-C-14-20-2250
SW/SW sec. 6, T. 40 N., R. 29 E., State Permit 610
 - d. Navajo "M" No. 1, Lease No. O-C-14-20-4109
SE/SW sec. 16, T. 41 N., R. 30 E., State Permit 609
 - e. Navajo "O" No. 1, Lease No. NOO-14-20-06032167
NE/NW sec. 3, T. 36 N., R. 28 E., State Permit 612
 - f. Navajo "E" No. 1, Lease No. NAV O-C-14-20-2254
SE/SW sec. 31, T. 41 N., R. 28 E., State Permit 613

We would appreciate any information you may receive on the status of these wells.

Sincerely,

Don Whittaker
Director
Enforcement Section

DW:os
Enc.

255-

September 11, 1979

Mr. John R. Brack
Vice President
Universal Resources Corp.
1000 Carillon Tower East
13601 Preston Road
Dallas, Texas 75240

Re: Universal Resources Corp. Navajo Tribal 1-15
SW/4 SW/4 sec. 15, T. 40 N., R. 29 E.
Apache County, Arizona
State Permit 598

Dear Mr. Brack:

A review of our files indicates this well is inactive at last report. Would you please advise us of the status of this well? Also we would be interested in your plans for future exploration in the area.

Yours truly,

Don Whittaker
Director
Enforcement Section

DWios

UNIVERSAL RESOURCES CORPORATION

1000 CARILLON TOWER EAST
13601 PRESTON ROAD



DALLAS, TEXAS 75240
AREA 214/661-3876

RECEIVED

SEP 29 1977

O & G CONS. COMM.

September 27, 1977

Mr. William E. Allen
Director
Enforcement Section
Oil and Gas Conservation Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Dear Mr. Allen:

You wrote to our Denver office on July 28, 1977 regarding our plans for URC Navajo Tribal 1-15, located in Section 15, T40N, R29E, Apache County, Arizona (State Permit 598). Please accept my apology for the delay in responding, but the letter only got to me a few days ago.

Our geological group continue to study the area. It is their opinion that perhaps four or five proved locations remain to be drilled on the structure.

Universal has remained in contact with the potential buyers. It is their opinion that insufficient reserves have been drilled to justify laying a line to the area. However, El Paso Natural Gas has discussed a service type agreement under which Arizona Public Service might finance the connecting gas line. As of this writing there are no firm plans to install a line, nor do we know when the other locations may be drilled.

I can assure you that we are more than anxious to arrange a hook-up for our shut-in well.

Yours truly,

John R. Brack
Vice President

JRB/ca
cc: Curtis Little

599

July 28, 1977

Universal Resources Corporation
P.O. Box 1707
Denver, Colorado 80201

Re: Universal Resources Corporation Navajo Tribal 1-15
SW/4 SW/4 Sec. 15, T40N, R29E, Apache County, Arizona
State Permit 598

Gentlemen:

Will you please advise this Commission of your plans for
the above referred well.

Very truly yours,

William E. Allen
Director
Enforcement Section

WEA/vb

598

UNIVERSAL RESOURCES CORPORATION

420 COLORADO STATE BANK BUILDING



DENVER, COLORADO 80202

AREA 303/572-1511

Effective immediately, Universal Resources Corporation
has changed its Denver office mailing address to:

UNIVERSAL RESOURCES CORPORATION

P. O. Box 1707

Denver, Colorado 80201

RECEIVED

OCT 28 1974

O & G CONS. COMM.

Home Office - 1000 Carillon Tower East, Dallas, Texas 75240

R. J. Felt

February 8, 1974

Ms. Doris M. Cain
Crum & Forster Insurance
524 West Stephenson Street
Freeport, Illinois 61032

Re: Bond #774825 - Requested to be cancelled
Bond #798629 - Replacement bond

Dear Ms. Cain:

Please be advised that before this Commission can release Bond No. 774825, we must have another bond to cover the well.

If Universal Resources wishes to secure a blanket bond to cover any and all of their drilling operations within the State of Arizona, this bond must be in the amount of \$25,000. If their plans are just to secure a bond for the drilling of an additional well, we would suggest that Universal Resources secure another single well bond in the amount of \$5,000 and leave Bond No. 774825 to cover the well they presently have in Arizona.

Should it be the company's desire to place the existing well and one other proposed well under the same bond, it will be necessary that the complete legal description of the location of these wells appear on the bond form.

We are enclosing our bond forms. This form must be used and must be signed by an authorized officer of the purchasing company and also by surety, resident Arizona agent.

Should you have any questions regarding this matter, please advise.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEAr1b

Enc. - Rule 101
Bond forms
Cancellation forms returned



CRUM & FORSTER INSURANCE COMPANIES

WESTERN REGION
524 West Stephenson Street • Freeport, Illinois 61032
Telephone: (815) 232-2141

OIL AND GAS CONSERVATION COMMISSION
State of Arizona
4515 North 7th Ave.
PHOENIX, ARIZONA 85013

February 4, 1974

ATTENTION: W. E. Allen, Director

RE: Bond # 774825 - Requested to be cancelled
Bond # 798629 - Replacement bond

Attached you will find a copy of replacement bond.
We trust you will now be in position to release us from the
obligation under the bond # 774825 as we have requested.

We are returning the correspondence along with our request
of "NOTICE OF CANCELLATION".

Yours very truly,

Doris M. Cain
Doris M. Cain,

Bond Underwriter

Enc: (5)

cc: Universal Resources, Dallas
agent
S.O.
File

RECEIVED

FEB 06 1974

O & G CONS. COMM.



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

January 25, 1974

Bond Department
Crum & Forster Insurance Companies
Western Department
Freeport, Illinois 61032

Re: Universal Resources Corporation Bond No. 774825

798629

Gentlemen:

Please be advised that this Commission cannot authorize or cancel a bond until the operators are in full compliance with the Rules and Regulations of the Oil and Gas Conservation Commission.

Until another bond has been received and approved by this Commission that adequately covers the well (s) involved, we cannot cancel the above referenced bond.

Attached for your information is a copy of Rule 101 covering bonds and also copies of the required bond forms.

Should you need additional information, please let us know.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

cc- Universal Resources, Dallas

RECEIVED
BOND DEPT.
JAN 28 1974
CRUM & FORSTER
WESTERN BRANCH
FREEPORT, ILL.



CRUM & FORSTER INSURANCE COMPANIES

WESTERN REGION

524 West Stephenson Street, Freeport, Illinois 61032
Telephone: (815) 232-2141

OIL AND GAS CONSERVATION
COMMISSION
STATE OF ARIZONA
4515 North 7th Ave.
PHOENIX, ARIZONA 85013

*THIS BOND WAS REPLACED BY BOND #
798629 DATED JULY 20, 1973, IN THE
AMOUNT OF \$10,000.

CANCELLED

RECEIVED

JAN 21 1974
O & G CON. COMM.

Notice of Cancellation
Bond No. 774825 *

DATE

7-20-90

WHEREAS, on or about the 22nd day of May A.D., 1972
UNITED STATES FIRE INSURANCE COMPANY as Surety, executed a
Oil Well Drilling Bond in the penal sum of
Five Thousand and no/100 Dollars, (\$5,000.) on behalf of
Universal Resources Corporation having an office at
13601 Preston Rd., Dallas Texas 75240 as Principal,
in favor of the State of Arizona
as Obligee, and WHEREAS, said Bond, by its terms provides that the
said Surety shall have the right to terminate its suretyship there-
under by serving notice of its election so to do upon the said Obligee,
and

WHEREAS, said Surety desires to take advantage of the terms of said
Bond and does hereby elect to terminate its liability in accordance
with the provisions thereof.

NOW THEREFORE, be it known that the UNITED STATES FIRE INSURANCE COMPANY
shall, at the expiration of Sixty (60) days after receipt of
this notice consider itself released from all liability by reason of
any default committed thereafter by the said Principal.

Signed and sealed this 21st day of January A.D., 19 74.

UNITED STATES FIRE INSURANCE COMPANY

Attest:

Blondell S. Brinkmeier
Blondell S. Brinkmeier

By: Doris M. Gain
Doris M. Gain, Attorney-In-Fact

ACKNOWLEDGEMENT

Your notice of cancellation as set forth received. We have arranged to
cancel said Bond effective the _____ day of _____ A.D., 19____.

Date _____ By: _____

PERFORMANCE BOND

This bond replaces Bond Number 774625

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 798629

That we: Universal Resources Corporation

of the County of Dallas in the State of Texas

as principal, and United States Fire Insurance Company

of New York

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of TEN THOUSAND AND NO/100 DOLLARS (\$10,000) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. §27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 20th day of July, 1973.

CANCELLED

UNIVERSAL RESOURCES CORPORATION

**COPY TO HOME OFFICE
BONDING DEPARTMENT
FROM: WESTERN DIST.
DATE: 1-10-74
REF. #**

Principal 20th day of July, 1973

UNITED STATES FIRE INSURANCE COMPANY

Doris H. Cain, Attorney Surety In-Post

Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved _____
Date _____
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: _____

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies
Form No. 2

Permit No. _____

January 25, 1974

Bond Department
Crum & Forster Insurance Companies
Western Department *Region*
Freeport, Illinois 61032

Re: Universal Resources Corporation Bond No. 774825

Gentlemen:

Please be advised that this Commission cannot authorize or cancel a bond until the operators are in full compliance with the Rules and Regulations of the Oil and Gas Conservation Commission.

Until another bond has been received and approved by this Commission that adequately covers the well (s) involved, we cannot cancel the above referenced bond.

Attached for your information is a copy of Rule 101 covering bonds and also copies of the required bond forms.

Should you need additional information, please let us know.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

cc - Universal Res. Dallas



CRUM & FORSTER INSURANCE COMPANIES

WESTERN REGION

524 West Stephenson Street, Freeport, Illinois 61032
Telephone: (815) 232-2141

OIL AND GAS CONSERVATION
COMMISSION
STATE OF ARIZONA
4515 North 7th Ave.
PHOENIX, ARIZONA 85013

*THIS BOND WAS REPLACED BY BOND #
798629 DATED JULY 20, 1973, IN THE
AMOUNT OF \$10,000.

RECEIVED

RECEIVED

7-13-74
O & G COMS. COMM.

Notice of Cancellation
Bond No. 774825 *

O & G COMS. COMM.

WHEREAS, on or about the 22nd day of May A.D., 1972
UNITED STATES FIRE INSURANCE COMPANY as Surety, executed a
Oil Well Drilling Bond in the penal sum of
Five Thousand and no/100 Dollars, (\$5,000.) on behalf of
Universal Resources Corporation having an office at
13601 Preston Rd., Dallas Texas 75240 as Principal,
in favor of the State of Arizona
as Obligee, and WHEREAS, said Bond, by its terms provides that the
said Surety shall have the right to terminate its suretyship there-
under by serving notice of its election so to do upon the said Obligee,
and

WHEREAS, said Surety desires to take advantage of the terms of said
Bond and does hereby elect to terminate its liability in accordance
with the provisions thereof.

NOW THEREFORE, be it known that the UNITED STATES FIRE INSURANCE COMPANY
shall, at the expiration of Sixty (60) days after receipt of
this notice consider itself released from all liability by reason of
any default committed thereafter by the said Principal.

Signed and sealed this 21st day of January A.D., 1974.

UNITED STATES FIRE INSURANCE COMPANY

Attest:

Blondell S. Brinkmeier
Blondell S. Brinkmeier

By: Doris M. Cain
Doris M. Cain, Attorney-In-Fact

ACKNOWLEDGEMENT

Your notice of cancellation as set forth received. We have arranged to
cancel said Bond effective the _____ day of _____ A.D., 19____.

Date _____ By: _____

PERFORMANCE BOND This bond replaces Bond
Number 774625
KNOW ALL MEN BY THESE PRESENTS
Bond Serial No. 798629

That we: Universal Resources Corporation
of the County of Dallas in the State of Texas
as principal, and United States Fire Insurance Company
of New York

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Ten Thousand and no/100 Dollars (\$10,000) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. §27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 20th day of July, 19 73.

UNIVERSAL RESOURCES CORPORATION

WITNESS 20th day of July, 19 73 and seals this

UNITED STATES FIRE INSURANCE COMPANY

Doris H. Cain, Attorney-in-Fact Surety

Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date _____ STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION By: _____
--

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Bond File Two Copies Form No. 2
--

Permit No. _____

COPY TO HOME OFFICE
BONDING DEPARTMENT
From: WESTERN DEPT.
Date: 1-10-74
Ref. #

Please *fill in*

NAME	Curtis J. Little <small>Print or Type—Last Name, First Name, Middle Initial</small>	<small>New Area Code and Telephone No.</small>
OLD ADDRESS	1720 Colorado State Bank Bldg. <small>Post Office, State and ZIP Code</small>	
NEW ADDRESS	420 Colorado State Bank Bldg. <small>Post Office, State and ZIP Code</small>	
SIGN HERE	<i>Curtis J. Little</i>	17 August 73 <small>Effective Date</small>

POD Form 3573
JAN. 1969

© GPO : 1969 O - 330-743

COMPLETE OTHER SIDE

575, 562, 59A

MEMO-letter

7-04036



Insurance Consultants, Inc.

1010 Collingwood Avenue • St. Louis, Mo. 63132 • (314)997-7800

C/F Universal Resources

Business, Texas

To

Bond Dept

Request release from the State of Arizona

Date

7-23-73

Crum & Forster

Original Bond

Subject

Universal Resources Corp

Blanket Oil Bond - Arizona

As per our telephone conversation please execute a Blanket Bond for the State of Arizona on the attached form and cancel Bond #774825. Please rush.

Thank you

Gert Johnson

Bond Dept

RECEIVED BOND DEPT.

JUL 25 1973

CRUM & FORSTER WESTERN DEPT. FREEPORT, ILL.

Copy to Texas Dept of Transportation
BOND DEPT. WESTERN DEPT.
FROM
Date 1-10-74
Bot

2 wells @ 5,000 ea.
Total \$10,000
pen 100.

INSURANCE CONSULTANTS, INC.

ELIEL and LOEB COMPANY

222 BOARD OF TRADE BUILDING
KANSAS CITY, MISSOURI 64105
(816) 474-4480

1010 COLLINGWOOD DRIVE
ST. LOUIS, MISSOURI 63132
(314) 997-7800

175 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604
(312) 422-3961

FROM Judy Hart

C. C.

DATE July 20, 1973

SUBJECT Universal Resources Corporation

REFERENCE

TO

Gert Johnson:

Attached is the bond form for execution of a Blanket Oil bond for the State of Arizona. This bond will replace Crum & Forster Bond No. 774825 and will also cover another well. Please get me a release for the cancellation of the above bond so I can send it to the state when I send them the new bond. If you need any additional information, let me know.

Please rush!

COPY to HOME OFFICE
BONDING DEPARTMENT
From: WESTERN BRANCH
Date: 1-10-74
Ref.:

May 7, 1973

Mr. Warren G. Hicks
Universal Resources Corporation
910 National Foundation West Building
3555 N.W. 58th Street
Oklahoma City, Oklahoma 73112

Re: Universal Resources Navajo Tribal 1-15
SW/SW Section 15-T40N-R29E
Apache County
Permit No. 598

Dear Mr. Hicks:

Your last report on the above referenced well dated April 27, 1973, indicated that it was your final report. Rule 401 of the Rules and Regulations of the Oil and Gas Conservation Commission stipulates that a gas well must be tested by the back pressure test method and information submitted to this office on Form 18, Multipoint and One Point Back Pressure Test for Gas Well. Also we must have Form 4, Well Completion Report, submitted to this office prior to final completion of a well.

As soon as the above reports are received, this office will consider this well completed.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

cc - Mr. Curtis Little

Encs.



HELIUM OPERATIONS

United States Department of the Interior

BUREAU OF MINES

BOX H 4372, HERRING PLAZA
AMARILLO, TEXAS 79101

January 11, 1973

Branch of Helium Resources

Mr. Elliott A. Riggs
P. O. Box 711
Farmington, New Mexico 87401

Dear Mr. Riggs:

Enclosed are two copies each of reports on the analysis of gas samples that were analyzed as part of the Bureau of Mines survey for helium-bearing natural gases. These samples were furnished by you from Universal Resources Navajo No. 1-15 Well located in Section 15, Township 40 North, Range 29 East, Apache County, Arizona.

Two of the samples analyzed were air contaminated, therefore, a true analysis of the formation gas could not be made. A calculated air-free analysis was made of each of these samples and these are supplied for your information only. Analysis containing over 5.0 percent oxygen are not considered accurate enough to be used in our surveys. If you would like for us to analyze another sample of gas from this formation, we would be pleased to do so.

Your cooperation in our helium survey is appreciated.

Sincerely yours,

B. J. Moore, Chief
Section of Helium Resources Surveys

Enclosure

RECEIVED

JAN 29 1973

O & G CONS. COMM.

598

November 14, 1972

Mr. Curtis J. Little
Universal Resources Corporation
1720 Colorado State Bank Building
Denver, Colorado 80202

Re: Universal Resources Navajo Tribal 1-15
SW/SW Section 15-T40N-R29E
Apache County
Permit No. 598

Dear Mr. Little:

This is to remind you that your Permit No. 598 covering
the above referenced well will expire on December 6, 1972.
Should you wish to extend this permit, please advise this
office prior to the expiration date.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

lcc - Universal Resources
Oklahoma City, Oklahoma

NOTICE CHANGE OF ADDRESS:

UNIVERSAL RESOURCES CORPORATION
910 NATIONAL FOUNDATION WEST BUILDING
3555 N. W. 58th STREET
OKLAHOMA CITY, OK 73112

September 6, 1972

Mr. Frank Getscher
P. O. Box 98
Scottsdale, Arizona 85252

Dear Mr. Getscher:

The following permits were issued on September 5, 1972.

Eastern Petroleum Indian Allotted-Merde No. 2
SW/SE Section 30-T20N-R28E
Apache County
Permit No. 596

Humble Oil & Refining Company State (32) No. 1
NE/SW Section 5-T16S-R15E
Pima County
Permit No. 597

Universal Resources Navajo Tribal 1-15
SW/SW Section 15-T40N-R29E
Apache County
Permit No. 598

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

September 6, 1972

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permits were issued since August 29, 1972.

Eastern Petroleum Indian Allotted-Merds No. 2
SW/SE Section 30-T20N-R28E
Apache County
Permit No. 596

Humble Oil & Refining Company State (32) No. 1
NE/SW Section 5-T16S-R15E
Pima County
Permit No. 597

Universal Resources Navajo Tribal 1-15
SW/SW Section 15-T40N-R29E
Apache County
Permit No. 598

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rib

September 5, 1972

Universal Resources Corporation
Mr. Warren G. Hicks
712 First National Center
Oklahoma City, Oklahoma 73102

Re: Universal Resources Navajo Tribal 1-15
SW/SW Section 15-T40N-R29E
Apabhe County
Permit No. 598

Dear Mr. Hicks:

Enclosed please find Receipt No. 2934 covering the \$25 filing fee,
a copy of your approved Application for Permit to Drill and Permit
to Drill No. 598.

Also enclosed are miscellaneous instruction sheets concerning samples
and other Commission requirements.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Encs.

UNIVERSAL RESOURCES CORPORATION

11411 NORTH CENTRAL EXPRESSWAY



DALLAS, TEXAS 75231
AREA 214/691-0040

August 31, 1972

REPLY TO:
712 FIRST NATIONAL BANK BUILDING
OKLAHOMA CITY, OKLAHOMA 73102
AREA 405/236-8546

State of Arizona
Oil & Gas Conservation Commission
1624 West Adams, Room 202
Phoenix, Arizona 85007

Attention: Mr. John Bannister

Re: Permit to Drill
Navajo No. 1-15
Apache County, Arizona

Dear Mr. Bannister:

We are enclosing Form No. 3, Application for Permit to Drill together with a Cashier Check No. 609068 in the amount of \$25.00 covering the filing fee on Universal Resources Corporation Navajo No. 1-15, located 740' FWL and 710' FSL, Section 15-T40N-R29E, Apache County, Arizona.

Please send approval to Universal Resources Corporation, 712 First National Center, Oklahoma City, Oklahoma 73102

Sincerely yours,

UNIVERSAL RESOURCES CORPORATION

Warren G. Hicks
Vice President

WGH:me

Enclosures

RECEIVED

SEP 03 1972

O & G CONS. COMM.

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. 774825

That we: Universal Resources Corporation
of the County of Dallas in the State of Texas
as principal, and United States Fire Insurance Company
of New York

AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of Five Thousand and no/100 Dollars (\$5,000.00) lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

SW/4 Sec 15, T.40, R.29, Apache Co Arizona (Navajo 1-15)
(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

- 1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 22nd day of May, 19 72

UNIVERSAL RESOURCES CORPORATION

Charles B. Bender V.P.
Principal

WITNESS our hands and seals this 22nd day of May, 19 72

UNITED STATES FIRE INSURANCE COMPANY

Marion J. Corder
Marion J. Corder Surety Attorney in Fact

Surety, Resident Arizona Agent
If issued in a state other than Arizona)

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date 7-18-1972
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: [Signature]

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Bond
File Two Copies RECEIVED
Form No. 2
JUL 15 1972

Permit No. 598

O & G CONS. COMM.

CANCELLED
DATE 7-20-90

POWER OF ATTORNEY
United States Fire Insurance Company
 HOME OFFICE: NEW YORK, N. Y.

This Power of Attorney limits the net of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated.

KNOW ALL MEN BY THESE PRESENTS:

That the UNITED STATES FIRE INSURANCE COMPANY, a corporation of the State of New York, by Harry F. Bott Vice President, and John K. Stewart, Assistant Secretary, in pursuance of authority granted by Article IV of the By-Laws of said Corporation, which reads as follows:

ARTICLE IV. EXECUTION OF INSTRUMENTS. "The Chairman of the Board, President, or any Vice-President, in conjunction with the Secretary, or any Secretary, if more than one shall be appointed by the Board, or an Assistant Secretary, shall have power on behalf of the Corporation:

(a) to execute, affix the corporate seal to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;

(b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation."

Marion J. Corder of Dallas, Texas does hereby nominate, constitute and appoint its true and lawful agent and Attorney in-Fact to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: Any and all bonds and undertakings EXCEPT bonds on behalf of Independent Executors, Community Survivors, Community Guardians--

CANCELLED
 DATE 7-20-90

And the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Corporation, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the Corporation at its office in New York City, in their own proper persons.

The above mentioned Assistant Secretary does hereby certify that the foregoing is a true copy of Article IV, of the By-Laws of said Corporation, and is now in force.

IN WITNESS WHEREOF, the said Vice-President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seal of the said UNITED STATES FIRE INSURANCE COMPANY, this

1st day of December, A.D. 1970

ATTEST:

(SIGNED) John K. Stewart
 (SEAL) John K. Stewart
 Assistant Secretary
 STATE OF NEW YORK
 CITY OF NEW YORK

UNITED STATES FIRE INSURANCE COMPANY
 By Harry F. Bott
 Harry F. Bott Vice-President

On this 1st day of December, A.D. 1970, before the subscriber, a Notary Public of the State of New York, in and for the City of New York, duly commissioned and qualified, came the above-named Vice-President and Assistant Secretary of the UNITED STATES FIRE INSURANCE COMPANY, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and they each acknowledged the execution of the same, and being by me duly sworn, severally and each for himself depose and saith, that they are the said officers of the Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and that the said Corporate Seal and their signatures as such officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal at the City of New York, the day and year first above written.

(SIGNED)
 (SEAL)

Paul Kushner
 Notary Public

PAUL KUSHNER, Notary Public
 State of New York, No. 24-7389665
 Qualified in Kings County
 Certificate filed in New York County
 Commission Expires March 30, 1972

I, Ernest E. Smith, Assistant Secretary of the UNITED STATES FIRE INSURANCE COMPANY, do hereby certify that the attached Power of Attorney dated December 1, 1970, in behalf of Marion J. Corder of Dallas, Texas and Harry F. Bott and John K. Stewart

is a true and correct copy and that same has been in full force and effect since the date thereof and is in full force, and effect on the date of this certificate; and I do further certify that the said

who executed the attached Power of Attorney as Vice-President and Assistant Secretary respectively were on the date of the execution of the attached Power of Attorney the duly elected Vice-President and Assistant Secretary of the UNITED STATES FIRE INSURANCE COMPANY; and I do further certify that the following resolution has been duly adopted by the Board of Directors of UNITED STATES FIRE INSURANCE COMPANY and is now in force:

RESOLVED, that the signature of any Secretary or Assistant Secretary of the Corporation certifying as to the execution, force and effect of validly executed Powers of Attorney of the Corporation, may be printed facsimile, lithographed or otherwise produced upon the instrument.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seal of the said Company, this 30th day of December, 1970

DATE 7-20-90 Ernest E. Smith Assistant Secretary

CERTIFICATE

JUL 10 10 02 AM '72

RECEIVED
JUL 13 1972
O & G CONS. COMM.

United States Fire Insurance Company
A New York Corporation
Home Office: New York, N. Y.

Westchester Fire Insurance Company
A New York Corporation
Home Office: New York, N. Y.

International Insurance Company
An Illinois Corporation
Home Office: Chicago, Illinois

The North River Insurance Company
A New Jersey Corporation
Home Office: Township of Morris, N. J.

CRUM & FORSTER INSURANCE COMPANIES
THE POLICY MAKERS
ADMINISTRATIVE OFFICES: Madison Avenue at Canfield Road, Morristown, New Jersey

Rec'd
5/5/83
Washed
copy 5/7/83
598

ALL-PURPOSE SURETY CHANGE RIDER

Rider to be attached to and form a part of Bond Number 774825
on behalf of UNIVERSAL RESOURCES CORPORATION (Name) *5/5/83*
DALLAS, TEXAS (Address) (Principal),
and in favor of STATE OF ARIZONA, OIL AND GAS CONSERVATION COMMISSION (Obligee),
executed by UNITED STATES FIRE INSURANCE COMPANY, as
Surety, in the amount of FIVE THOUSAND AND NO/100 (\$ 5,000.00)
Dollars, effective JULY 20, 1973.

The Principal and UNITED STATES FIRE INSURANCE COMPANY hereby consent to changing the said bond as follows:

EFFECTIVE MARCH 16, 1983, THE BOND NUMBER IS CHANGED.

FROM: 774825
TO: 610 113217

CANCELLED
7-20-90

Nothing herein contained shall vary, alter or extend any provision or condition of the bond other than as above stated.

Signed, Sealed and dated this 16TH day of MARCH, 1983.

Accepted By
R. G. Wana Enforcement Dir.
Obligee

UNITED STATES FIRE INSURANCE COMPANY
By Leanne Maszewski Surety
LEANNE MASZEWSKI Attorney-In-Fact

FLOYD WEST & COMPANY

INSURANCE MANAGERS

June 30, 1972 DALLAS, TEXAS

State of Arizona
Oil and Gas Conservation Commission
Phoenix, Arizona

Bond No. 774825
Principal: Universal Resources Corporation
Kind of Bond: Oil Well Drilling Bond - Performance
Amount: \$5,000.00
Effective: 5/22/72

Gentlemen:

We are pleased to enclose this properly executed bond for filing in your office. Please advise us if you need further information. Thank you.

Marion J. Corder
Marion J. Corder
Bond Department

cc: Henry Miller Insurance Agency, Inc.
2745 N. Central Expressway
Dallas, Texas 75204

RECEIVED

JUL 15 1972

O & G CONS. COMM.



June 8, 1972

Floyd West & Company
Mr. W. H. Buttner
Bond Department
P. O. Box 2639
Dallas, Texas 75221

Re: Universal Resources Corporation Bond No. 774825

Gentlemen:

We are returning the above referenced bond form. These forms have been revised by the Oil and Gas Conservation Commission and according to our rules established by this Commission, the current form must be used. Copies of this form are attached.

It is also a requirement of the Commission that on a single well performance bond, the legal description of the well that is to be drilled must be entered in the appropriate place on this form.

Should you have any questions regarding this matter, please advise.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.

FLOYD WEST & COMPANY

INSURANCE MANAGERS

DALLAS, TEXAS

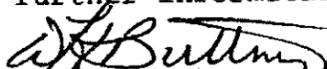
May 31, 1972

State of Arizona
Oil and Gas Conservation Commission
Phoenix, Arizona

Bond No. 774825
Principal: Universal Resources Corp.
Kind of Bond: Oil Well Drilling Bond
Amount: 5,000.00
Effective: 5-22-72

Gentlemen:

We are pleased to enclose this properly executed bond for filing in your office. Please advise us if you need further information. Thank you.


W. H. Buttner
Bond Department

CC: Henry Miller Ins. Agcy., Inc.
Dallas, Texas



RECEIVED
JUN 08 1972
O & G CONS. COMM.