

Release Date 12-31-67 (D-1-67)

CONFIDENTIAL

33⁰
ARIZONA
YAVAPAI CO.
WILDCAT (W)



Petroleum Information Corp.
Denver, Colorado
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Twp 9n-6w
Section 5
se ne
3300 n/s 330 w/e

OPR: C & J Drilling

WELL #: 1 State

ELEV:
TOPS: Log-Sample

DSTS. & CORES:

SPUD: 10-3-65 COMPL:
TD: 2327 PB:
CSG: 12-3/4" @ 220

4000 ft test.

PERF:

PROD. ZONE:

INIT. PROD: SD w/fish in hole.

Contr: Own

(CARD WILL BE RE-ISSUED WHEN DATA AVAILABLE)

ARIZ3-666021

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 CAF DRILLING CO. Address INDIO CALIF

Federal, State or Indian Lease Number of name of lessor if fee lease STATE Well Number 1 Field & Reservoir WC

Location SENE 5-9N-6W Congress County YAVAPAI

Sec. TWP-Range or Block & Survey SENE 5-9N-6W

Date spudded 1/11/65 Date total depth reached 1/12/66 Date completed, ready to produce _____ Elevation (DF, RKB, RT or Gr.) _____ feet Elevation of casing hd. flange _____ feet

Total depth 2370 P.B.T.D. _____ Single, dual or triple completion? _____ If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion _____ Rotary tools used (interval) TRA LTD Cable tools used (interval) _____

Was this well directionally drilled? No Was directional survey made? No Was copy of directional survey filed? None Date filed _____

Type of electrical or other logs run (check logs filed with the commission) None 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"	12 3/4	32#	40'		None

TUBING RECORD

LINER RECORD

Size in.	Depth set ft.	Packer set at ft.	Size in.	Top ft.	Bottom ft.	Sacks cement	Screen (ft.)

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Number per ft.	Size & type	Depth Interval	Amt. & kind of material used	Depth Interval

INITIAL PRODUCTION

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

Date of test	Hrs. tested	Choke size	Oil prod. during test bbls.	Gas prod. during test MCF	Water prod. during test bbls.	Oil gravity ° API (Corr)

Tubing pressure	Casing pressure	Cal'd rate of Production per 24 hrs.	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the agent of the _____ (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 6/14/67 Signature W. J. Langford

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Well Completion or Recompletion Report and Well Log
Form No. 4 File One Copy

Permit No. 330

PLUGGING RECORD

Operator C & J Drilling		Address	
Federal, State, or Indian Lease Number, or lessor's name if fee lease. STATIC		Well No. 1	Field & Reservoir W.C.
Location of Well SE NE 1/4 Sec 5 T9N R6W		Sec-Twp-Rge or Block & Survey	County
Application to drill this well was filed in name of C & J Drilling	Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day) Dry? DRY	
Date plugged: 6/14/68	Total depth 2370	Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls/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
APPROVED By <i>[Signature]</i> Date 6-14-68			#6 CR
<small>OIL & GAS CONSERVATION COMMISSION STATE OF ARIZONA 424 WEST ADAMS - SUITE 202 PHOENIX, ARIZONA 85001</small>			
Size pipe	Put in well (ft.)	Pulled out of well (ft.)	RECORD
1 3/4	46'	None	40'
Was well filled with mud-laden fluid, according to regulations? Yes		Indicate deepest formation containing fresh water. 960'	
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE			
Name	Address		Direction from this well:
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.			
1/4 Mud to 1040 Cement #6 CR FROM 1042' - 992'			
Land Dept to take over as water well			
Use reverse side for additional detail.			
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>agent</u> of the _____ (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 6/14/68	Signature <i>[Signature]</i>		
Permit No. 3330	STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Plugging Record File One Copy		
Form No. 10			

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
OPERATOR C & J Drilling Co Inc ADDRESS P O Box 1299, Indio, Calif
Federal, State, or Indian Lease Number or Lessor's Name if Fee Lease _____ State _____ WELL NO. #1
SURVEY G&SRM SECTION SE NE 5-9N-6W COUNTY Yavapai
LOCATION 330' FEL and 3300' FSL

TYPE OF WELL dry hole TOTAL DEPTH 2370
(Oil, Gas or Dry Hole)
ALLOWABLE (If Assigned) _____
LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
GAS _____ (MCF) DATE OF TEST _____
PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD
12-3/4" casing to 39 feet

2. FULL DETAILS OF PROPOSED PLAN OF WORK
Water zone at 840' to 965'. Propose heavy mud from TD up to 1000'.
cement from 1000' up to 800'. Heavy mud up ^{to} casing. Fill
casing with cement, set surface marker. Fill pits and clean location.

If well is to be abandoned, does proposed work conform with requirements of Rule 202? yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS approximately 5-23-68.
NAME OF PERSON DOING WORK W H Sargent ADDRESS Box 1177, Wickenburg
CORRESPONDENCE SHOULD BE SENT TO W H Sargent W H Sargent
Name
Agent, C & J Drilling Co. Inc.
Title
P O Box 1177, Wickenburg, Arizona
Address
5-17-68
Date

Date Approved 5-17-68
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John Gannister

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Abandon and Plug
File Two Copies
Form No. 9

Permit No. 330

DUPLICATE
REPORT

TRUESDAIL LABORATORIES, INC.



CHEMISTS - MICROBIOLOGISTS - ENGINEERS
RESEARCH - DEVELOPMENT - TESTING

4101 N. FIGUEROA STREET
LOS ANGELES 90068
AREA CODE 213 • 225-1564
CABLE: TRUELAB8

AIR MAIL
CLIENT A.N.Y. Company
c/o Nancy Young
P.O. Box 305
Bullhead City, Arizona 86430
SAMPLE One-gallon of water

DATE May 27, 1968
RECEIVED May 24, 1968
LABORATORY NO. 95316

INVESTIGATION

Determination of dissolved solids and parts per million uranium in dissolved solids.

RESULTS

Concentration in the filtered water

Uranium (U), ppm..... 0.02
Dissolved solids, ppm.....390.

Concentration of uranium in dissolved solids

Uranium (U), ppm..... 51.

NOTE: Parts per million (ppm) is equal to one milligram per liter (mg./l)

Respectfully submitted,

TRUESDAIL LABORATORIES, INC.

C.E.P. Jeffreys

C.E.P. Jeffreys, Ph. D.
Technical Director

#330 Operator says operation will produce
income of \$1250 per day at a cost of \$350 pd.

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from these Laboratories.

5-22-68

Bill Sargent telephoned:

Re: C & J Drilling #1 state

Was unable to talk to Johnson
until last night. Money for
plugging should be here by Sat.
Cement has been ordered - to
plug - for Tues., 5-28-68.

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SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator C & D Drilling INC
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name C & D Drilling #1 STATE Well
 Location Congress ARZ
 Sec. 5 Twp. 9N Rge. 6W County YAVAPAI, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease STATE
 5. Field or Pool Name W.C.

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"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE 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 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.)

12/1/67 to 12/30/67 - W.O.
 1-3-68 Rigging up Cement truck for plugging well

It will take several days to rig up cement truck and type in & well call 24 hrs before we are ready to start plugging for the completion of plugging order
 W.H.C.



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

Signed W. H. Cargan Title Agent Date 1/5/68

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

Permit No. 330

dyo

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SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator C & J Drilling

2. OIL WELL GAS WELL OTHER (Specify) _____

3. Well Name C & J Drilling STATE No-1

Location Progress, ARZ.

Sec. 5 Twp. 9-N Rge. 10-W County Yavapai Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease STATE

5. Field or Pool Name W.C.

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

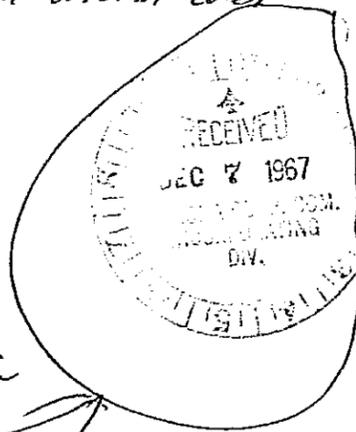
NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>	MONTHLY PROGRESS	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE 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)	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>						

(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.)

12/1/67 Being drilling mud out for water test

On Hwy. 89
THE ARROWHEAD
 Box 53 - Phone 427-3212
 CONGRESS, ARIZ.



*Blues with Corp. Commission
 Returned this to me - J*

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

Signed W.H. Ferguson Title Agent Date 12/1/67

Permit No. 330

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

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator C & T Drilling INC.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name C & T Drilling INC. STATE No 1
 Location Congress ARZ
 Sec. 5 Twp. 7N Rge. 11W County YAVAPAI, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease STATE

5. Field or Pool Name _____

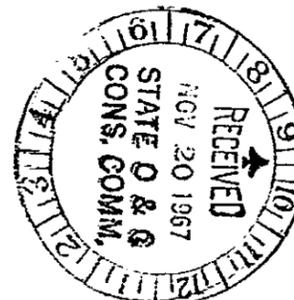
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

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

(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.)

*10/21 to 11/15 Baliny well for test
 Well clear to - 1852'
 Circulation Broken to - 2200
 Static Water level - 635'
 ONLY INDICATION OF WATER COMMUNICATION 185'*



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

Signed W. J. Argueant Title Agent Date 11/19/67

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

Permit No. 330

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November 17, 1967

From: John Bannister, Executive Secretary

Re: C & J Drilling #1 State
Permit 330

Mr. William SErgeant was in this office this date, requesting information as to converting well to a water well.

In fishing for a lost string he lost another string. Consequently there are two fish in the hole, side by side. Mr. Sergeant advises that when the well is closed in water will reach a static level at 185 feet from surface. When baled will reach a static level of 600 feet.

Apparently the intentions of the operator are to secure Kearny Moore's grazing Permit 924 and then make application for an agricultural permit. In the event this well may be made into a water well, it will be necessary that surface casing be set to approximately 195 feet, this being some ten feet below the zone of possible communication.

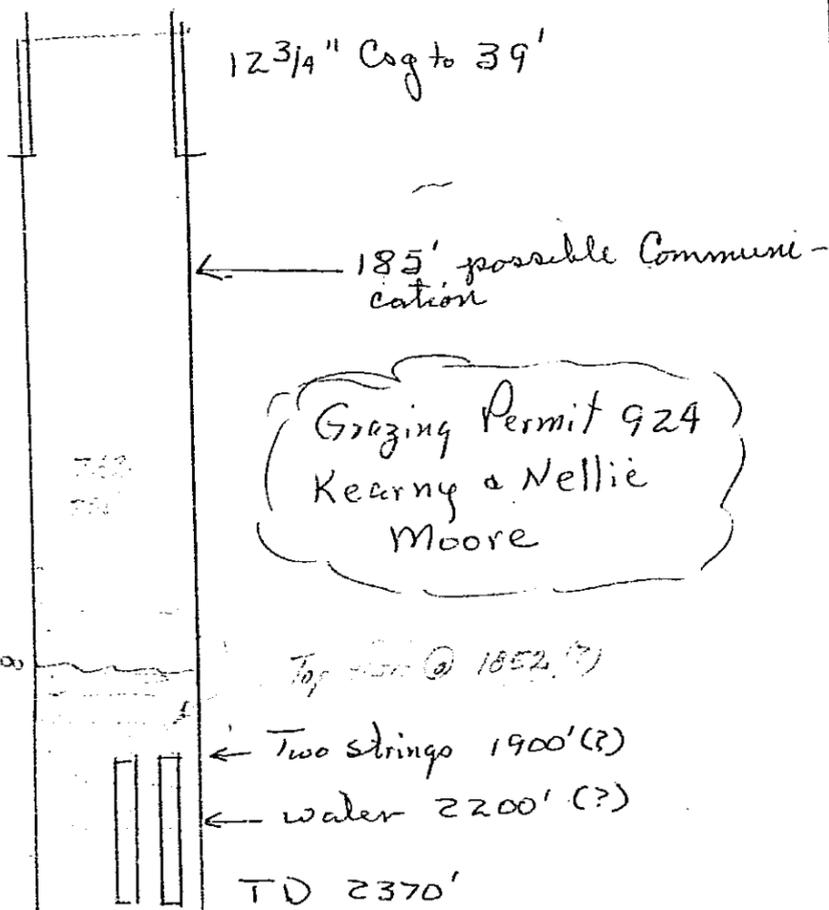
Further testing is being conducted on well at present.

Mr. Sergeant will have sundry report in during the early part of the week of November 20, 1967.

From the Desk of

JOHN BANNISTER

C45 well SENE 5 9N 6W
(#330) Garupai Co -



Surface pipe 40' 12³/₄"
top fish 1852'

Static wtr level = 185'
" " " after trailing wtr. = 600'

Wtr coming from around 2200'. Would
produce wtr past fish.

Wants to get wtr. commercial pumps and
test quantity wtr. (productivity.)

Currently = shut down; plan to get wtr. analysed

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WELL SITE CHECK

Contractor Bill SARGEANT Person(s) Contacted Bill SARGEANT
 Spud date _____ Date 11-3-67
 Type Rig _____ Rotary Present Operations Waiting on
 Cable orders
 Samples _____
 Pipe _____ Drilling with Air _____
 Mud
 Water Zones _____ Size Hole _____
 Lost Circ. Zones _____ Size Drill Pipe _____
 Formation Tops _____ Type Bit _____
 Cores, Logs, DST _____ No. Bit _____ Drilling Rate _____
 _____ Formation _____
 Crews _____ Lithology _____

REMARKS, PHOTO, MAP

Visited location. No activity. Shut down waiting on investors to raise money. Fish still in hole. SARGEANT, unable to RECOVER fish, has been bailing fresh wtr. to determine feasibility of completing as wtr. well.

WELL NAME

O.S.K. #1 State

Permit No. 330

Confidential: Yes No

FORMERLY of FARMINGTON
HAD OWN SERVICE CO.

WELL SITE CHECK

By JRS
Date 10-6-67

Contractor BILL SARGEANT Person(s) Contacted BILL SARGEANT
MECCA MOTEL; WICKENBURG

Spud date _____
Type Rig Hydare Rotary Cable
TRUCK-MOUNTED RIG (Double mast)

Present Operations FISHING

Pipe _____ Drilling with Air _____ Mud

Water Zones _____ Size Hole 7 7/8

Lost Circ. Zones _____ Size Drill Pipe _____

Formation Tops _____ Type Bit _____

Cores, Logs, DST _____ No. Bit _____ Drilling Rate _____

Formation _____

Crews _____ Lithology _____

REMARKS, PHOTO, MAP

BLOWOUT PREVENTERS - TYPE CAMERON "C" (7")

PRESENT DEPTH 2370' (?)

PRESENT HOLE SIZE 7 7/8" (WILL GO IN WITH 6 3/4" bit
WHEN BIT RETRIEVED.)

PRESENT OPERATIONS = Fishing. Have recovered about 1700'
OF 2 7/8" drill pipe. DON'T KNOW how many drill collars
THERE ARE IN HOLE - BUT THEIR GUESS IS THAT ABOUT
600' OF PIPE AND COLLARS YET TO BE RECOVERED.

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C & J DRG. Co.
WELL NAME #1 STATE 8595

Permit No. 330
Confidential: Yes No

CONDRIY NOTICES AND REPORTS ON WELLS

1. Name of Operator C & J Drilling Co.
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name C & J Drilling Co. State No-1
 Location _____
 Sec. 5 Twp. 9-N Rge. 6-W County Yavapai Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease STATE
 5. Field or Pool Name W.C.

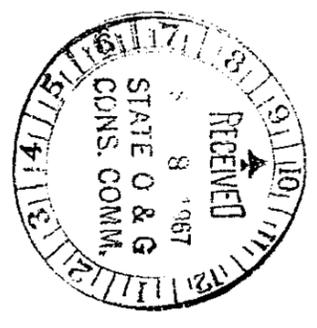
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	DIRECTIONAL DRILL	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	PERFORATE CASING	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>	MONTHLY PROGRESS	<input type="checkbox"/>
(OTHER)	<input type="checkbox"/>			REPAIRING WELL	<input type="checkbox"/>
				ALTERING CASING	<input type="checkbox"/>
				ABANDONMENT	<input type="checkbox"/>
				(OTHER) <u>Repair well to clean out for test or abandonment</u>	<input checked="" type="checkbox"/>

(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.)

*Re-enter well 8/31/67
 Pulled 1650' 2 7/8" d.i.d. pipe
 720' - 2 7/8" pipe + Collars in Hole - W.C.*



8. I hereby certify that the foregoing is true and correct.
 Signed W. J. Long Title Agent Date 9/14/67

Permit No. 330

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

#330

PROGRESS REPORT No 1, State Well

Potter Lease

Began drilling for surface pipe approx 11-1-65--9 ^{inch} 7/8th hole.
 180 ' deep. reamed out 44' to 14 1/2 " hole. Set 40' of 12 and 3/4"
 O.D. X 3/16" Surface pipe and cemented. Pulled Blackburn Rig off
 location on 11-16-65, brought in Barnes rig 11-17-65 started back
 drilling 11-18-65-- ran 9 and 7/8" hole to 960'. Changed to 8 3/4
 bit/ Made 80 ' -- Changed to 7 and 7/8 bit at 1040 feet. Shaffer Control
 Valve installed on 12-4-65.

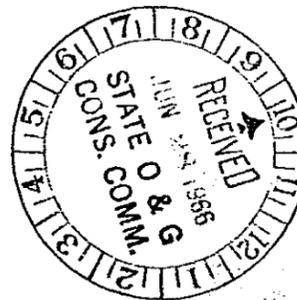
FORMATION LOG

0 -- 635 --sand and clay
 635--732 --sand and gravel
 732--890 --sand and gravel
 890-920 --boulders
 920--935 --conglomerates
 935--1064 --cemented sands
 1064--1336 --cemented sand. little oil showing on pit
 1336--1424 --boulders(with black sand)
 1424--1480 -- boulders
 1480--1581 -- sand stone
 1581--1735 -- sand stone
 1735--1896 -- sand stone
 1896--1948 -- sand stone cemented with quartz
 1948--2080--- sand stone with some clay
 2080--2219 -- sand-stone- conglomerate
 2219-2327 -- sand(cemented fine)

Bits used (4) 9 and 7/8ths
 (1) 8 and 3/4
 (19) 7 and 7/8ths

Total number of bits used- totaled 24

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CONFIDENTIAL

Release Date _____

Progress Report No 1, State Well page 2
Potter Lease

This is a true report to the best of my belief and knowledge

Troy Cash

Troy Cash

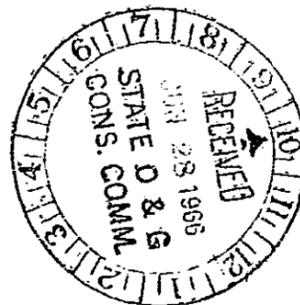


WILBUR D. RANKIN

C. & J. Drilling State 1

2.

762-92' Same as 436-66'
792-102' Same as 436-66'
822-52' Same as 436-66'
852-33' Same as 436-66 feet
883-913' Fine, very micaceous gray sand. No organic remains
913-44' Same as 883-913'
944-60' Same as 883-913'
960' Same as 883-913 feet.
975-1005' Extremely micaceous, small fragments of schist.
1005-35' Same as 975-1005'
1035-64' Light tan quartzite with some mica.
1064-95' Same as 1035-64'
1095' Mica schist
1095-1125' Mica schist
1125-56' Tan colored. Quartz, biotite, muscovite, pyroxenes. Small fragments indicate gneiss.
1156-85 Same as 1125-56'. Pyroxenes more abundant
1185-94 Same as 1156-85'
1194-1216' Same as 1156-85'
1216-47' Same as 1156-85'
1247-75' Same as 1156-85'
1275-1306' Same as 1156-85'. Biotite common
1306-35' Same as 1156-85'
1330-35 Same as 1156-85'. Biotite common
1335-64' Same as 1156-85'
1394-1425' Same as 1156-85'
1691-1721' Same as 1156-85'. Biotite common
1721-52' Same as 1156-85'
1752-92' Same as 1156-85'
1782-1812' Same as 1156-85'



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WILBUR D. RANKIN

C. & J. Drilling State

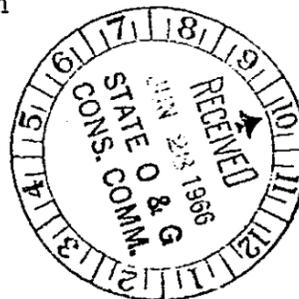
3.

1897' Same as 1156-85'
1985-2016' Same as 1156-85'
2016-46' Same as 1156-85'
2046-76' Same as 1156-85'
2076-2105' Same as 1156-85'
2105-35' Same as 1156-85'
2135-65' Same as 1156-85'
2165-96' Same as 1156-85'
2196-2221' Same as 1156-85'
2221-47' Same as 1156-85'
2247-57' Same as 1156-85'
2257-65' Same as 1156-85'
2265-70' Same as 1156-85'
2270-75' Same as 1156-85'
2288-2310' Light pink color. Quartz, feldspar, pyroxenes, biotite.
sub-rounded grains. The sub-rounded grains may indicate
a sedimentary rock of non-marine origin. No organic
remains.

All of these samples are cuttings submitted to me by C. & J.
Drilling Co.

Very truly yours

W. D. Rankin
W. D. Rankin



Shell scout has
TD 2327
17

330

FI- 6-2115
XDEKEL439*

WILBUR D. RANKIN
GEOLOGIST AND PALEONTOLOGIST

January 8, 1966

45-301 Deep Canyon Rd.
Palm Desert, Calif. 92260
SUNMOUNT HIGHWAY
SANTA ANA COUNTY, CALIFORNIA

C. & J. Drilling Inc.
Box 1299 Indio, Calif.

RE: C. & J. Drilling Inc. well No. C & J State 1, Sec.
5 T. 9N R. 6W, Arizona.

I have examined samples from this well between 40 feet and 2275 feet.

The samples between 40 feet and 960 feet did not contain organic remains and are of non-marine origin. They are probably Tertiary or Quaternary in age.

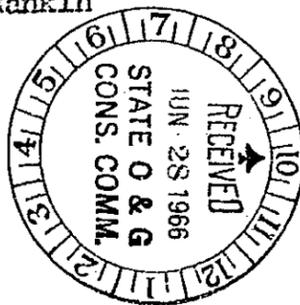
The samples between 960 feet and 2270 feet consist of schists, gneisses, and quartzites. These are metamorphic rocks.

The sample from 2270-2275 feet, the last sample I have examined, consists mainly of quartz and feldspar with small amounts of metamorphic minerals. The color of this sample is light pink and the grains are sub-rounded, indicating that it may be of non-marine origin. On the basis of this one sample you may have possibly passed through a fault, probably a large thrust fault.

Very truly yours,

W. D. Rankin

WDR/r



#330

14

DAILY DRILLING REPORT
 FORM 43 ROSS-MARTIN CO.
 TULSA, OKLAHOMA

CONTRACTOR
 G. J. Drilling INC.

DATE
 1-9-66

COMPANY
 # - 1

WELL NO. RIG NO.
 D.P. STRING NO. SIZE

DISTRICT COUNTY STATE
 Congress Arizona

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
	1/9/66						
George White - 16 Hrs.							
12:00 M.M. To 9:00 AM - mix mud + Chem.							
9:00 AM To 12:30 PM - Spot oil + Scot free							
12:30 P.M. To 6:00 P.M. - Work Pipe + Bump oil							
6:00 " To 9:00 " - STAND BY							
9:00 " To 11:00 " - Working Pipe							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
SIZE	WTR LOSS C.C.	DRILLING	SIZE D.P.				
MAKE	FILTER CAKE	CORING	SIZE COLL.				
SERIAL NO.	PH.	OTHER	JTS D.P.				FT.
DEPTH IN	MTL. ADDED (REMARKS)	REPAIRS	KELLY DOWN				FT.
HOURS RUN		TRIP	COLLARS				FT.
			TOTAL				FT.

REMARKS: Spotted chemicals + Diesel Trying To Pull stuck Pipe

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
	1-10-66						
George White 16							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WTR LOSS C.C.	DRILLING	SIZE D.P.				
SIZE	FILTER CAKE	CORING	SIZE COLL.				
MAKE	PH.	OTHER	JTS D.P.				FT.
SERIAL NO.	MTL. ADDED (REMARKS)	REPAIRS	KELLY DOWN				FT.
DEPTH IN		TRIP	COLLARS				FT.
HOURS RUN			TOTAL				FT.

REMARKS: 12:00 M.M. To 8:00 AM STAND BY - 8:00 To 11:00 P.M Working on Rig Circ + mix Chem. 11:00 P.M. To 12:00 M.M. Working Pipe + Circ + mix Chem.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
	1-11-66						
George White 16							

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WTR LOSS C.C.	DRILLING	SIZE D.P.				
SIZE	FILTER CAKE	CORING	SIZE COLL.				
MAKE	PH.	OTHER	JTS D.P.				FT.
SERIAL NO.	MTL. ADDED (REMARKS)	REPAIRS	KELLY DOWN				FT.
DEPTH IN		TRIP	COLLARS				FT.
HOURS RUN			TOTAL				FT.

REMARKS: 12:00 M.M. To 2:00 AM. Circ + Working Pipe 2:00 A.M. To 9:00 A.M. Stand By 9:00 A.M. To 6:00 P.M. Circ + working Pipe, Wait on Loyd Hill 6:00 To 10:00 Trip To CASA GRANDE.

DAILY DRILLING REPORT
 FORM 43 ROSS MARTIN CO
 TULSA, OKLAHOMA

CONTRACTOR
R. + J. Drilling & N.C.
 LEASE
State # 1

DATE
1-17-66

COMPANY
 DISTRICT COUNTY STATE WELL NO. RIG NO. D.P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<i>Jim Neidoffer</i>	<i>6</i>
						<i>Damon Matheny</i>	<i>6</i>
						<i>T. R. Cissell</i>	<i>6</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS. C. C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: *trip in with bit to Ream Down to Fish mixed mud & chemicals Hauled 2 loads water*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<i>Paul</i>	
						<i>Dan Jacobs</i>	<i>12</i>
						<i>George White</i>	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS. C. C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: *3:00 To 5:00 Repair Kelly base + Re Place IT 5:00 To 10:00 Reaming work on light PLANT + mud pump. Reamed 9' sts. down.*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS. C. C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS:

DAILY DRILLING REPORT
 FORM 43
 FOSS & MARTIN CO.
 TULSA 1, OKLAHOMA

CONTRACTOR: *R & J Drilling & NC* DATE: *1-18-66*

DISTRICT: _____ COUNTY: _____ STATE: *Ariz #1-1* WELL NO.: _____ RIG NO.: _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<i>DM Jim Neideffer</i>	<i>12</i>
						<i>H Damon Matheny</i>	<i>12</i>
						<i>DRLR T. R. Cissell</i>	<i>12</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: *Reaming 16 joints to top of stuck pipe
 Trip out with bit + ~~17.507~~ Feet shot wire*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						<i>DM Paul Sluder</i>	<i>12</i>
						<i>H DAN JACOBS</i>	<i>12</i>
						<i>DRLR George White</i>	<i>14</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: *12:00 To 5:00 Trip in w/ P.P. Reel Tony drives +
 JACKING UP Rig. 5:00 To 8:30 Circ + Working P.P.
 Backed Kelly off Trying to screw Kelly back on*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS:

DAILY DRILLING REPORT
 FORM 43 ROSS & MARTIN CO
 TULSA, OKLAHOMA

CONTRACTOR
 C. J. Drilling & NC

DATE
 1-19-66

DISTRICT
 Congress

COUNTY

STATE
 #1 origin

D.P. STRING NO.

SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM Jim Neidiffer	4
						EM	
						H Danon Matheny	12
						DRLR T. K. Currell	4

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS. C. C.		OTHER		JTS D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: Watching Rig trying to pull fish & fishing for slot wire in pipe

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H Paul Sluder	12
						H DAN JACOBS	12
						DRLR George White	14

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS. C. C.		OTHER		JTS D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS: Run wire line to 1834 Fishing for shot wire & BAR - Broke wire @ 1800' Fishing for same

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
						DRLR	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS. C. C.		OTHER		JTS D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS:

DAILY DRILLING REPORT
 ROSS MARTIN CO
 TULSA, OKLAHOMA

CONTRACTOR
 L & J Drilling & N C

DATE
 1-20-66

COMPANY
 LEASE
 DISTRICT
 COUNTY
 STATE
 # - 1. way

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS
						DM Jim Neideffer	12
						EM	
						H Damon Matheny	12
						H T. R. Cissell	12

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: ~~Shot~~ Broke Kelly in too Fished out Still
 Line trying to Fish out Shot Wire

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM Paul Sluder	
						EM DAN JACOBS	
						H George White	8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO. #1-6"	WEIGHT	DRILLING	SIZE D. P.				
SIZE #2-6" X 2"	VISC.	CORING	SIZE COLL.				
MAKE #3-8" X 2"	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO. #4-8" X 2"	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: Run Over shot fish 13:30 Below Table Shot 4 Times
 @ 15 No Results.

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS:

DAILY DRILLING REPORT
 COMPANY

CONTRACTOR *L. J. Drilling* DATE *1-21-65*

DISTRICT COUNTY STATE *Arizona - 1* D. P. STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM <i>Jim Neideffer</i>	<i>12 1/4</i>
						EM <i>Damon Matheny</i>	<i>9</i>
						H <i>T. R. Cissell</i>	<i>9</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS. C. C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: *night watching Rig Run one shot in to short off pipe Didnt shot off pipe Pulled shot out worked on Light Plant*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM <i>Paul Sluder</i>	<i>12</i>
						EM <i>DAN JACOBS</i>	<i>12</i>
						H <i>George White</i>	<i>12</i>

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS. C. C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: *Run shot (shorted out) Pulled shot out*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS. C. C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS:

DAILY DRILLING REPORT
 FORM 43 ROSS WATKIN CO.
 TULSA & OKLAHOMA

CONTRACTOR _____ DATE **1-22-66**
 COMPANY _____ LEASE _____ WELL NO. _____ RIG NO. _____
 DISTRICT _____ COUNTY _____ STATE _____ D.P. STRING NO. _____ SIZE _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS
						DM Jim Niedeffler	4
						EM Damon Matheny	16
						H T. R. Cissell	12

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D.P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS D.P.			FT.	
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN			FT.	
DEPTH IN	PH.	TRIP	COLLARS			FT.	
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL			FT.	

REMARKS: ~~Watching Rig~~ + Worked on Rig + Loading bits mud + chemicals + junk moving to aroundhead

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D.P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS D.P.			FT.	
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN			FT.	
DEPTH IN	PH.	TRIP	COLLARS			FT.	
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL			FT.	

REMARKS: Checked out wire on board Miss fire Run shot (No Results) Load w/ Bits + Chm. + mud

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D.P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS D.P.			FT.	
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN			FT.	
DEPTH IN	PH.	TRIP	COLLARS			FT.	
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL			FT.	

REMARKS:

DAILY DRILLING REPORT
ROSS MARTIN CO
New 43 TULSA T. OKLAHOMA

CONTRACTOR _____ DATE 1-24/66
WELL NO. _____ RIG NO. _____
LEASE _____
DISTRICT _____ COUNTY _____ STATE _____ D.P. STRING NO. _____ SIZE _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST	ACCIDENT - (GIVE NAME)						
@	FT.						
	DEG. OFF						

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT		DRILLING		SIZE D. P.		
SIZE	VISC.		CORING		SIZE COLL.		
MAKE	WTR. LOSS. C. C.		OTHER		JTS D. P.		FT.
SERIAL NO.	FILTER CAKE		REPAIRS		KELLY DOWN		FT.
DEPTH IN	PH.		TRIP		COLLARS		FT.
HOURS RUN	MTL. ADDED (REMARKS)				TOTAL		FT.

REMARKS

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST	ACCIDENT - (GIVE NAME)						
@	FT.						
	DEG. OFF						

2
George White 8

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT		DRILLING		SIZE D. P.		
SIZE	VISC.		CORING		SIZE COLL.		
MAKE	WTR. LOSS. C. C.		OTHER		JTS D. P.		FT.
SERIAL NO.	FILTER CAKE		REPAIRS		KELLY DOWN		FT.
DEPTH IN	PH.		TRIP		COLLARS		FT.
HOURS RUN	MTL. ADDED (REMARKS)				TOTAL		FT.

REMARKS: Reel Wire Line Reel + Rig w/ 17' JT Pipe Trip NI Same Casa Grande To Rig

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST	ACCIDENT - (GIVE NAME)						
@	FT.						
	DEG. OFF						

3

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT		DRILLING		SIZE D. P.		
SIZE	VISC.		CORING		SIZE COLL.		
MAKE	WTR. LOSS. C. C.		OTHER		JTS D. P.		FT.
SERIAL NO.	FILTER CAKE		REPAIRS		KELLY DOWN		FT.
DEPTH IN	PH.		TRIP		COLLARS		FT.
HOURS RUN	MTL. ADDED (REMARKS)				TOTAL		FT.

REMARKS:

DAILY DRILLING REPORT
 FORM 43 ROSS WATKIN CO
 TULSA 1, OKLAHOMA

CONTRACTOR _____ DATE 1-25-66
 COMPANY _____ LEASE _____ WELL NO _____ RIG NO _____
 DISTRICT _____ COUNTY _____ STATE _____ D P STRING NO _____ SIZE _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM Jim Nideffer	9
						EM Damon Matheny	6
						H T. R. Cissell	10

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC	CORING	SIZE COLL				
MAKE	WTR LOSS-C C	OTHER	JTS D P			FT	
SERIAL NO	FILTER CAKE	REPAIRS	KELLY DOWN			FT	
DEPTH IN	PH	TRIP	COLLARS			FT	
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL			FT	

REMARKS: Helping George + Locked Valve to arrowhead
 Racked off over shot tried to shoot pipe off

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H Paul Sluder	
						DRLE George White	7

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC	CORING	SIZE COLL				
MAKE	WTR LOSS-C C	OTHER	JTS D P			FT	
SERIAL NO	FILTER CAKE	REPAIRS	KELLY DOWN			FT	
DEPTH IN	PH	TRIP	COLLARS			FT	
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL			FT	

REMARKS: Used 3 Shots Removed over shot + 1 ft 20' pipe
 installed over shot + 17' ft pipe w/ (2 1/2" opening, 1.0") shot + wire
 bridged c 300'. Fishing out wire + driving same down to 1030'

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC	CORING	SIZE COLL				
MAKE	WTR LOSS-C C	OTHER	JTS D P			FT	
SERIAL NO	FILTER CAKE	REPAIRS	KELLY DOWN			FT	
DEPTH IN	PH	TRIP	COLLARS			FT	
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL			FT	

REMARKS:

DAILY DRILLING REPORT
 Form 43 ROSS MARTIN CO.
 TULSA 1, OKLAHOMA

CONTRACTOR **C + J inc.**
 LEASE

DATE **11/27/66**

DISTRICT COUNTY STATE **ARIZONA # I**

WELL NO. RIG NO.
 D P STRING NO. SIZE

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS
						DM Jim Neideffer	8
						EM	
						H	
						H	
SLOPE TEST @ FT.		ACCIDENT - (GIVE NAME)					
DEG. OFF				DRLR T. R. Lissell			10

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: **Rigging Down + Loading Pipe + D.C + junk**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST @ FT.		ACCIDENT - (GIVE NAME)					
DEG. OFF				DRLR George White			10

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS: **Removed OVER SHOT + Rigging down. Trip To Kernal for Welder + Truck. Trip To Wickenburg for Permit + Returned Welding Tanks. Load up Equip. + Trip To CASA GRANDE.**

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST @ FT.		ACCIDENT - (GIVE NAME)					
DEG. OFF				DRLR 3			

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.	WEIGHT	DRILLING	SIZE D. P.				
SIZE	VISC.	CORING	SIZE COLL.				
MAKE	WTR. LOSS-C.C.	OTHER	JTS. D. P.				FT.
SERIAL NO.	FILTER CAKE	REPAIRS	KELLY DOWN				FT.
DEPTH IN	PH.	TRIP	COLLARS				FT.
HOURS RUN	MTL. ADDED (REMARKS)		TOTAL				FT.

REMARKS:

DAILY DRILLING REPORT
NEARBY 43 ROSS MARTIN CO. TULSA, OKLAHOMA

CONTRACTOR *H. J. Drilling & N.C.*

DATE *1-28-66*

COMPANY _____ LEASE _____ WELL NO. _____ RIG NO. _____
 DISTRICT _____ COUNTY _____ STATE _____ D. P. STRING NO. _____ SIZE _____

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST @ FT.		ACCIDENT - (GIVE NAME)					
DEG. OFF							

DRLR *T. R. Cissell 12*

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS *Moving Rig to yard + Trip Back after Pickup*

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST @ FT.		ACCIDENT - (GIVE NAME)					
DEG. OFF							

2

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS:

FROM	TO	FORMATION	ROTARY SPEED	WEIGHT ON BIT	PUMP PRES.	NAME	HRS.
						DM	
						EM	
						H	
						H	
SLOPE TEST @ FT.		ACCIDENT - (GIVE NAME)					
DEG. OFF							

3

BIT AND COREHEAD RECORD		MUD RECORD		TIME RECORD		DRILL STEM RECORD	
RUN NO.		WEIGHT		DRILLING		SIZE D. P.	
SIZE		VISC.		CORING		SIZE COLL.	
MAKE		WTR. LOSS-C.C.		OTHER		JTS. D. P.	FT.
SERIAL NO.		FILTER CAKE		REPAIRS		KELLY DOWN	FT.
DEPTH IN		PH.		TRIP		COLLARS	FT.
HOURS RUN		MTL. ADDED (REMARKS)				TOTAL	FT.

REMARKS:

February 16, 1966

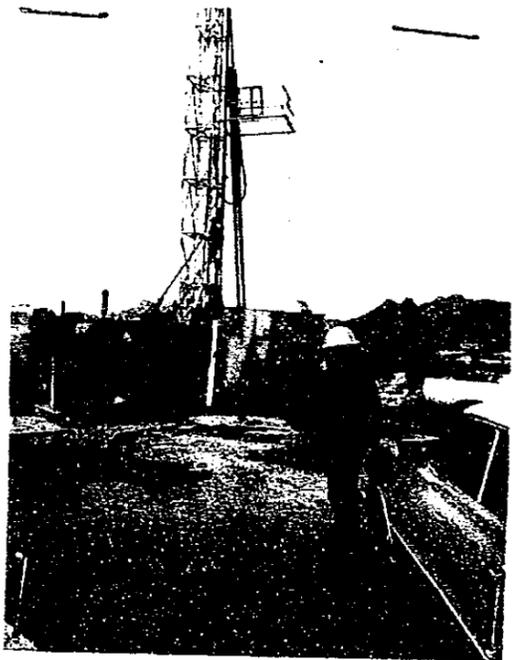
Telephone conversation with Charles Counts

Re: C & J Drilling #1 State
SE NE 5-9N-6W, Yavapai County
Permit 330

The crew was unable to find the fish, and therefore were pulled off and rig removed. Mr. Counts could not remember the date but this occurred sometime during the week ending February 5. Mr. Counts stated it possibly would be 30 days or a little more before they could locate and bring in a larger rig. He was advised that if they were going to be shut-down 60 days or more to submit a request for permission for temporary abandonment; and meanwhile to keep in conformance with Rules and Regulations, to submit the required Sundry Reports to bring the records up-to-date and to reflect the above information.

He stated that TD was 2,327 feet; there was 2300 feet of pipe in the hole; that they had encountered a few gas pockets and some oil signs in the mud pits, but nothing to get excited about.

JB

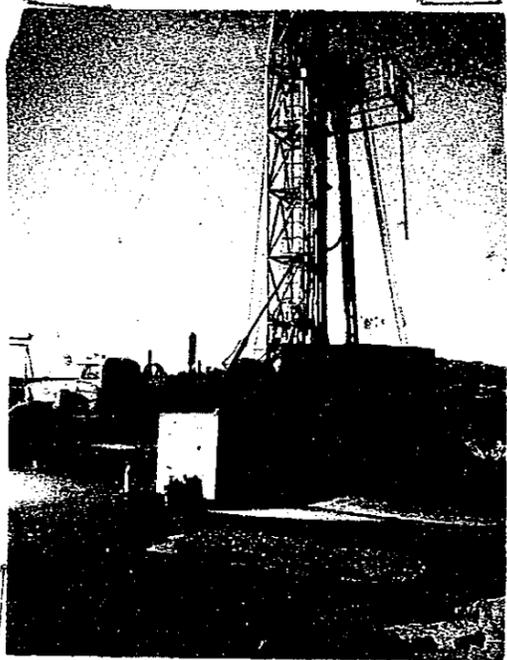


Jan 26 - fishing. TD 2327
plan to bring in larger rig
and whipstock around fish.

was drilling in "sand" when
drill pipe parted @ about 6-8' / hr
← Driller: Tom.

B30

26



Checked location 1-A (65) 1966

Drilling 2170' - in metamorphics (@ 5mpts) ; hard drilling -
3-4 feet per hr.

3320

From the Desk of

JOHN BANNISTER

1-4-66

C&I Drilling #1 State

#330

using Franks 2000 rig - no plans
at this time to change rigs

Fish is out - no trouble removing

Dlg at 2170' - hard sand -
making 3' to 4' per hr.

Running 1 12hr tour

No Shows

Phoned in by Scurlock

Jan 24

Mr. B. Kingstey called,
C. J. down to about
2100'. Hard drilling.
Have had slight shows
of oil and gas.

SPIDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator C + J Drilling Inc.
 2. OIL WELL GAS WELL OTHER (Specify)
 3. Well Name C + J Drilling Inc. # 1 State Well
 Location _____
 Sec. 5 Twp. 9N Rge. 6W County YAVAPAI Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease POTTER
 5. Field or Pool Name _____

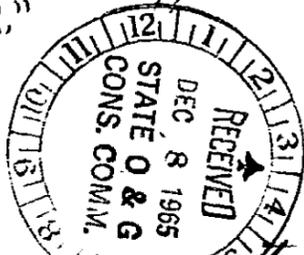
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE 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) _____ <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
(OTHER) <u>progress report, Drilling</u> <input checked="" type="checkbox"/>		(OTHER) _____ <input type="checkbox"/>	

(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.)

Began Drilling for surface pipe approx. 11-1-65 - 9 3/8" hole
 180' - reamed 4 1/2" to 14 1/2" set. 12 3/4" x 3/16" surface pipe 40' cemented, on
 11-17-65 - pulled off Blackburn Rig 11-16-65 = Brought in Barnes Rig
 started back drilling 11-18-65 - 9 3/8" hole. to a total depth of 960' changed to
 8 3/4" bit. made 80' down to 1040' changed to 7 1/8" total depth to date
 1064' - Drill log - 0 - 635' sand & clay, "Haluki" - 635 - 732 - sand & gravel
 732 - 890 clay - sand & boulders - 890 - 920 Boulders - granite, 920 - 935 -
 Conglomerate "brown shale with streaks sand" 935 - 1064 - cemented sand.
 very hard & fine shaffer control valve installed - 12-4-65 -
 "manual control."



8. I hereby certify that the foregoing is true and correct to the best of my knowledge & belief.
 Signed C + J Drilling Inc. by Roy Cash - "Driller" Date 12-5-65

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

Permit No. 230
28

From the Desk of

JOHN BANNISTER

Per Telephone call 12-1-65
Charles Johnson

as of 11-30-65
fishing for tool
TD 1060'

a Falint³ 2000 rig now
drilling.

Progress report to be mailed
in this week.

330

Charles Johnson
Telephone: (714)
347-6535

From the Desk of

JOHN BANNISTER

CD J Hwy # 1 State

330

3.1 miles W. from
Congress Junction
on N. side of Hwy.

11-9 TD 216'

Location approx 330 FE, 3165 FS

To set 30' of 12" surface

Ordered sign erected

Duly below 500'

11-23-65

Have drilled To 11-965
for 12" CSG Plan to set waiting
about 30' surface CSG.
@ JB

APPLICATION FOR PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER

APPLICATION TO DRILL DEEPEN PLUG BACK RE-ENTER OLD WELL

NAME OF COMPANY OR OPERATOR

DATE

C. & J. Drilling Inc. Indio Calif
 Address *P.O. Box 1299* City State

DESCRIPTION OF WELL AND LEASE

Indio Calif
 Federal, State or Indian Lease Number or name of lessor, if fee lease *State of Arizona 8595* Well number *1* Elevation (ground) *3,025*

Well location and acreage dedicated to the well (give footage from section lines) *330' x 330' SE 8595* Section—township—range or block & survey *5-9 north-R 6 W.*

Field & reservoir (if wildcat, so state) *Exploration Test* County *Yavapai*

Distance, in miles, and direction from nearest town or post office *3 miles west Congress Junction*

Nearest distance from proposed location to property or lease line: *330* feet Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: *Virgin Territory* feet

Proposed depth: *4000'* Rotary or cable tools *Rotary* Approx. date work will start *October*

Number of acres in lease: *480* Number of wells on lease, including this well, completed in or drilling to this reservoir: *1 test hole*

If lease, purchased with one or more wells drilled, from whom purchased: Name Address

Status and amount of bond *\$5,000.00* Organization Report *On file Attached* Filing Fee of \$25.00 *Attached*

Remarks: (If this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

Plan to case down 4" test hole through Sedimentaries into rock.

*Fill in Proposed Casing Program on reverse side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the *President & V. Pres.* of the *C. & J. Drilling Inc.* (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.

Charles E. Counts
 Signature

10-18-65
 Date

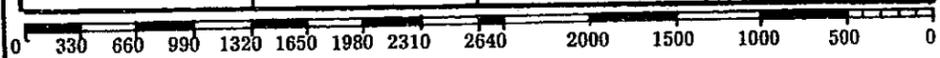
Permit Number: *330*
 Approval Date: *10-18-65*
 Approved By: *John J. Hamster*
 Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.
 See Instruction on Reverse Side of Form

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Drill, Deepen or Plug Back and Plat
 File Two Copies

Form No. 3

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- 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 Yes
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES 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 <u>Kay Pottier</u>	Land Description																
<table border="1" style="width: 100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> <tr><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td><td style="width: 25%;"></td></tr> </table>																	
<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 _____</p> <p>Position _____</p> <p>Company _____</p> <p>Date _____</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 _____</p> <p>Registered Professional Engineer and/or Land Surveyor _____</p> <p>Certificate No. _____</p>																	



PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
<u>4"</u>	<u>11 lbs</u>	<u>Standard</u>	<u>Surf</u>	<u>40'</u> <u>or more</u>	<u>where</u> <u>Required</u>	<u>Sufficient</u>

Survey For C. & J. DRILLING INC.

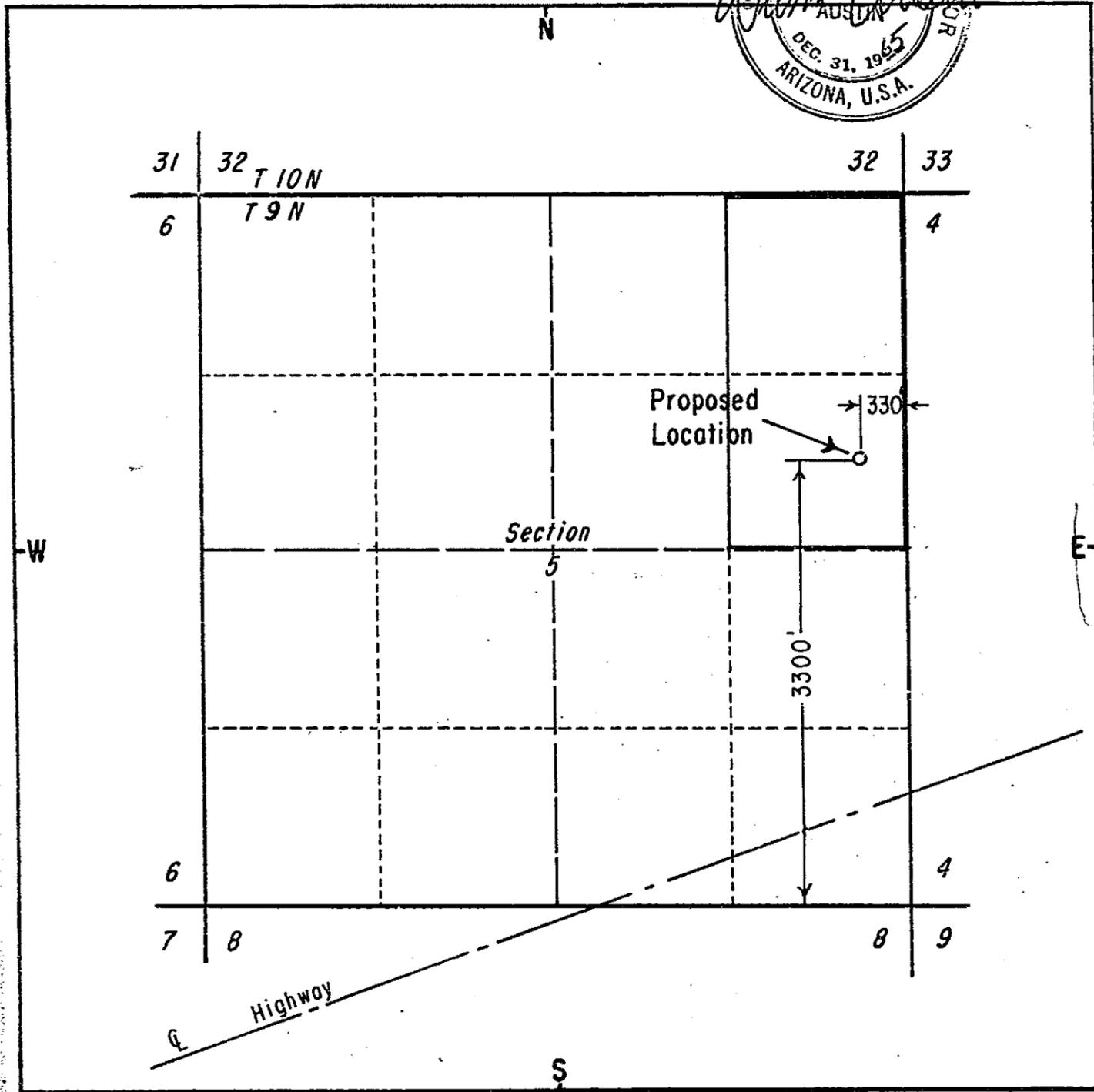
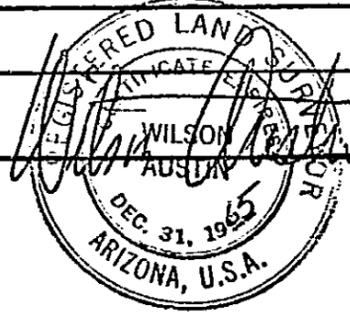
Well No. _____

Sec. 5 Twsp. 9N Rge. 6W Gila & Salt River Base & Mer.

Scale 1" = 1000' Date 10/18/65 Book _____ Page _____

Remarks _____

WILSON AUSTIN
Registered Land Surveyor
Arizona License No. 4055
P. O. Box 728 - Phoenix 1, Arizona
Phone 279-0662





PERMIT TO DRILL

This constitutes the permission and authority from the

OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: C & J DRILLING, INC.
(OPERATOR)

to drill a well to be known as

C. & J. Drilling Inc. #1 State well
(WELL NAME)

located 330' FEL, 3300' FSL, (SE/4NE/4)

Section 5 Township 9N Range 6W, Yavapai County, Arizona.

The E/2 NE/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 18th day of October, 19 65.

OIL AND GAS CONSERVATION COMMISSION

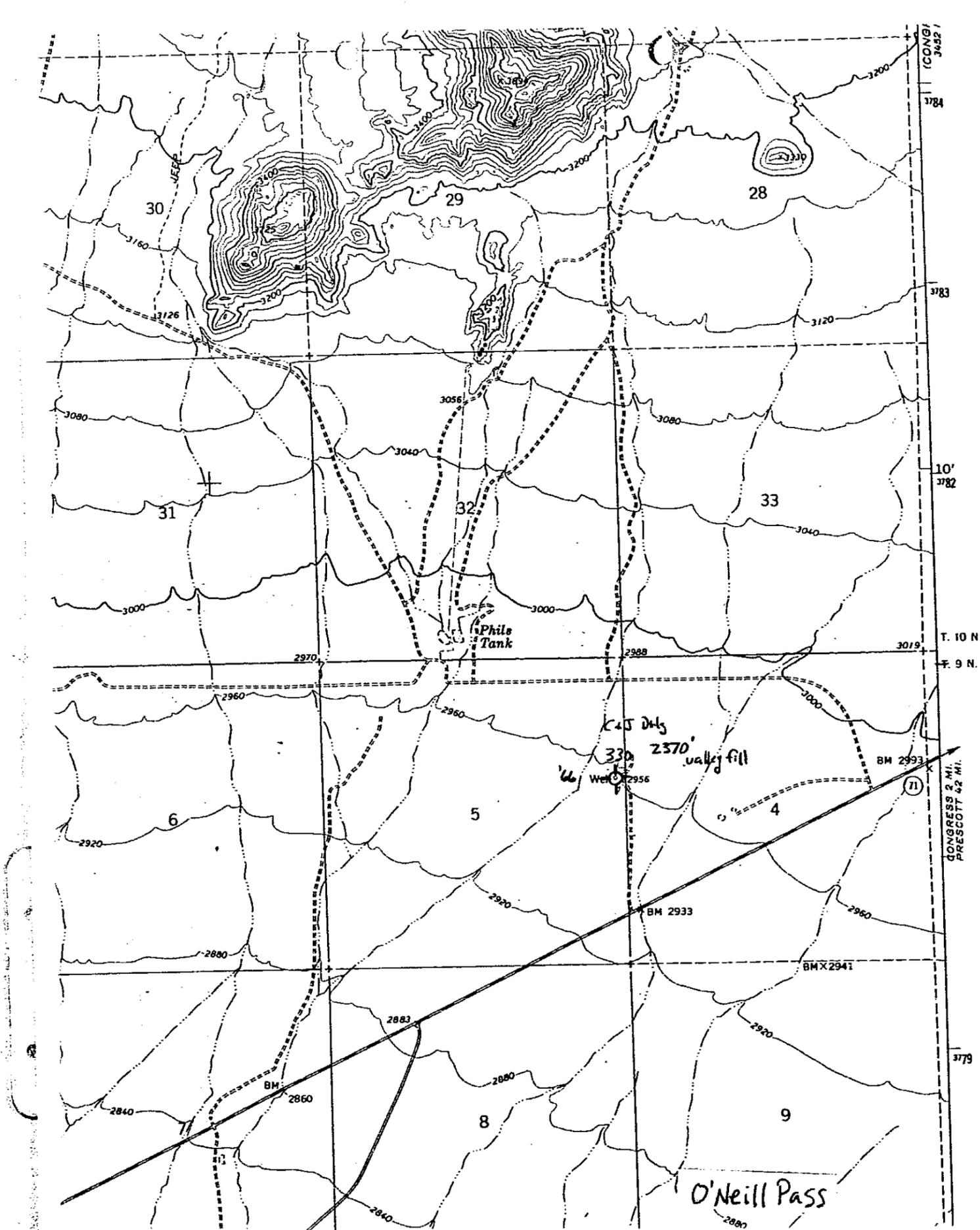
By John K. ...
EXECUTIVE SECRETARY

PERMIT N^o 330

RECEIPT NO. 9428

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27





Fife Symington
Governor

State of Arizona
Arizona Geological Survey

845 North Park Avenue, #100
Tucson, Arizona 85719
(602) 882-4795



Larry D. Fellows
Director and State Geologist

January 26, 1995

- 330

Mr. Jim Angell
Ken Smidt & Associates
1540 East Maryland, Suite 100
Phoenix, Arizona 85014

Dear Jim:

The description of samples from the C&J Drilling 1 State in Sec. 5, T. 9 N., R. 6 W. that we talked about this morning is enclosed. I've also enclosed some notes on water in the hole and the plugging report.

I also came across a well that Bendix drilled as part of its study of uranium in the Congress basin area. This well, the PQ #1 was drilled in se nw sw Sec. 11, T. 9 N., R. 6 W. in 1979. I've enclosed the sample description and gamma-SP-resistivity-neutron log for this well. The quality of the log is as good as I could get as it was reproduced from microfilm. You can either read it in segments or tape it together to get a continuous strip.

Sincerely,

Steven L. Rauzi

Steven L. Rauzi
Oil & Gas Program Administrator

Enclosures

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Drilling progress was satisfactory, except for delays caused by lost circulation and by the necessity of drilling to depths much greater (as much as 350 percent) than those predicted. Project drilling was completed on October 20, 1979 with the termination of PQ-24, the 18th hole. The 19th hole was cancelled for budgetary reasons. See Figure 2 for drill-hole locations. All of the holes were logged by either BFEC Logging Department or Century Geophysical Corporation. Century units were used when Bendix logging trucks were not available within a reasonable time because of the requirements of other projects. KUT spectral logs for potassium, uranium, and thorium were run on eight holes by BFEC, only over intervals of anomalous gross-gamma radioactivity. The geophysical logs recorded for these holes, besides the KUT, include gross gamma, S.P., resistivity, neutron, and calipers on two holes. Microfiche copies of all but the KUT logs are included in the appendix section of this report.

Table 1 lists locations of the drill holes, total depths, cored intervals, and radioactive anomalies.

No cores were cut in anomalous radioactive zones; therefore, no core samples were submitted for analytical work. Two thin sections of cores were made for petrographic study to help identify the extremely fine-grained crystalline rocks recovered.

Congress Basin

SE NW SW 11-9a-6a T.D. 2947' granite

Hole number PQ-1 was the only one in this project drilled in Congress basin. It was drilled at the location of a prominent gravity low (West and Sumner, 1973, Otten and Wynn, 1978). The latter authors postulated that the gravity low might reflect the presence of a thick sequence of favorable lacustrine deposits similar to those at the Anderson Mine in Date Creek basin.

Surface exposures of Tertiary rocks have not been found in this basin or on its margins and Anderson Mine type sediments were not known to be present in the subsurface here. Certain authors, including Scarborough and Wilt (1979, pp. 39-40) have suggested that these types of sediments may have been deposited during the lower Miocene in a larger basin that included some of the areas now occupied by a number of the present smaller late Cenozoic structural basins. Based on the existence of the gravity low and the presumption of the existence of lacustrine sediments in the subsurface, PQ-1 was drilled.

No gamma-ray anomalies were recorded in the Congress basin in the aerial radiometric and magnetic survey (ARMS). Two water samples were collected from a well and a spring on the northern margin of Congress basin for the hydrogeochemical and stream sediment reconnaissance (HSSR) survey. These waters contained between 10 and 20 ppb uranium. These analytical results were not an influence in the selection of the site of drill hole PQ-1. The drill site was selected on the belief that the gravity low was the most favorable location to encounter possible paludal/lacustrine sediments.

PQ-1 Plate 1

The rocks penetrated in this hole consist of cobbly overburden from ground surface to a depth of 87 feet (27 meters). Below this is sandstone, siltstone, and basalt sequences 80 to 600 feet (24 to 183 meters) thick. The

sandstones are unconsolidated, silty to clay-filled, fine- to coarse-grained, feldspathic, and poorly sorted, whereas the siltstones are tan, soft, and partly calcareous. The basalts are red to brown, very finely crystalline with vesicles filled with quartz and calcite. The interval 2,184 to 2,940 feet (666 to 896 meters) is occupied by "granite wash", a poorly stratified deposit of granite boulders and cobbles in a coarse-grained arkosic matrix. The deposit contains abundant biotite and a variable clay content. The hole bottomed in granite at a depth of 2,945 feet (898 meters).

Colors of most of the rocks penetrated in this hole are shades of brown or red and the rocks therefore are considered to be oxidized. No uranium minerals were recognized and no radioactive anomalies were recorded. Possible lacustrine rocks were encountered between the depths of 1,500 and 1,580 feet (457 and 482 meters). The gravity low in this basin indicated that the expected depth to basement at the location of PQ-1 would be approximately 5,300 feet (1,609 meters), however, actual depth to basement was 2,940 feet (896.1 meters).

Date Creek Basin

The Date Creek basin is located in the southern part of the project area. The basin is elongate in a southeast-northwest direction, and is bounded on the northeast by the Black Mountains and Poachie Range, on the northwest by the Artillery Mountains, and on the southwest by the Rawhide, Buckskin, and Harcuvar Mountains (Figure 3). It is separated from Congress basin on the east and Aguila Valley on the south by low hills of intrusive and extrusive igneous rocks.

Tertiary sedimentary and volcanic rocks are exposed along the northern margin of the basin, where the older Tertiary rests on pre-Tertiary metamorphics to the northwest, and on Precambrian intrusive rocks on the east. Both the Artillery Formation (Late Eocene to Early Miocene) and the Chapin Wash Formation (Miocene) consist of coarse clastics, monolithic breccias, volcanic material, and local paludal/lacustrine deposits, indicating deposition during a period of tectonism. Late Tertiary volcanic and sedimentary rocks and Quaternary alluvium largely cover the basin.

The fairly widespread exposures of the Chapin Wash Formation over western Arizona strongly suggests it was deposited in a much larger basin than any of the present basins. Neither the Chapin Wash nor the Artillery Formation have been clearly identified in the subsurface in this project.

Uranium occurrences have been found in carbonaceous zones in the paludal/lacustrine rocks in the 2,500 foot (762 meter) thick Artillery Formation, near the bottom and the top of the formation, west and south of Artillery Peak, in the western part of Date Creek basin. In the north-central part of the basin, uranium occurrences are found in rocks similar to those found in the Artillery Formation to the west. However, because of the lack of continuity of sedimentary units and difficulty in lateral correlation, the "Anderson Mine" rocks of the Date Creek basin cannot easily be tied to any specific interval in the sections of the Artillery or Chapin Wash Formations in that area. The Anderson Mine rocks were tentatively correlated with fanglomerates of the Chapin Wash Formation to the west by Reyner and others (1956). Otten (1977b) placed the fluvial/lacustrine facies at the Anderson Mine in the Miocene (?) Chapin Wash Formation, whereas earlier he (Otten, 1977a) had correlated them

APPENDIX A

LITHOLOGIC DESCRIPTIONS

HOLE NO. PQ-1

0' - 100' (0-30 m)	No samples.
100' - 150' (30-46 m)	Quaternary alluvium (Qal).
150' - 730' (46-223 m)	Sandstone, arkosic, light pink, fine to coarse grained, locally silty matrix, poorly sorted, angular, slightly calcareous, trace magnetite-biotite-clay (400'-600', 122-183 m).
730' - 960' (223-293 m)	Volcanics, light gray, fine crystalline, with abundant feldspar, red phenocrysts (darker, with less feldspar near base).
960' - 1380' (293-421 m)	Sandstone, light pink (gray), medium to very coarse grained (20% volcanic and metamorphic lithic clasts), poorly sorted, subrounded to subangular, feldspathic, trace magnetite and biotite.
1380' - 1500' (421-457 m)	Volcanics, similar to above.
1500' - 1580' (457-482 m)	Claystone, white, very soft, biotitic, slightly calcareous, ~10% sand near base, (possible altered tuff).
1580' - 2190' (482-668 m)	Volcanics, dark gray, otherwise similar to above, porphyritic/with gray-green mineral, partly heavy limonite stain.
2190' - 2850' (668-869 m)	Conglomerate or "wash", pink, abundant iron stain, quartz diorite-metamorphic-and volcanic pebbles and cobbles, subrounded, silty matrix, abundant biotite, trace magnetite-red clay-silica cement, slightly calcareous.
	Core 2337' - 2347' (712-715 m) recovered 10' (3 m), cobbles and boulders of plutonic rock cemented in matrix of pink to red granite fragments, cemented with silica and some calcite.

2850' - 2880' (869-878 m)

Volcanics, green - in shades of light and dark green, aphanitic, vitreous, moderately calcareous, trace pyrite. (Possibly detrital or welded tuff).

2880' - 2900' (878-884 m)

Conglomerate similar to above.

2900' - 2947.5' (884-898 m)

Quartz diorite.

Core 2945' - 2947.5' (897.6-898 m) recovered 2-1/2' (0.8 m). Quartz diorite, 60% plagioclase, 30% quartz, 5-10% biotite, very coarse crystalline. Finer crystalline rock of 40-50% quartz, 15% white feldspar and very abundant biotite.

0

1

215

223

226

23

25

INDIVIDUAL BOREHOLE HISTORY

HOLE PQ-1

SE NWSW in Geologic Rpt.

Location: NWSWSW, sec. 11, T. 9 N., R. 6 W.

Total depth: 2,947 ft (898.2 m)

Spud date: June 28, 1979

Completion date: July 17, 1979

Rig: 51

Drill pipe: 2.875 in. (7.3 cm) x 20 ft (6.1 m) F.E.D.P.

Drill collars: Ten 5 in. (12.7 cm) x 20 ft (6.1 m)

Sample interval(s): 10 ft (3 m)

Core interval(s): 2,337-2,347 ft (712.3-715.4 m)

2,945-2,947 ft (897.6-898.2 m)

Core-recovery average: 100 Percent

Borehole history: A 9.875-inch (25.1 cm) diameter hole was drilled from the surface to 83 ft (25.3 m), and 7-inch (17.8 cm) OD casing was set and cemented. A 6.5-inch diameter (16.5 cm) hole was drilled out from under surface casing to 740 ft (225.5 m) at which point all circulation was lost. After considerable effort, partial circulation was restored, and drilling continued with a 6.25-inch diameter (15.9 cm) hole to 1,270 ft (387.1 m) at which point circulation was lost again.

Due to the amount of effort spent in combating the loss of circulation, a cementing service was called in and the hole was cemented back to the 900-foot level (274.3 m). After the cement was drilled out, full circulation was restored, and the hole drilled ahead. Partial circulation loss developed at 1,400 ft (426.7 m), continuing up to 2,082 ft (634.6 m).

A bit cone was lost at 2,082 ft (634.6 m), but drillers were successful in working past the junk. The hole diameter was further reduced to 6.125 in., (15.5 cm) continuing to a depth of 2,337 ft (712.3 m).

A core was taken from 2,337 ft (712.3 m) to 2,347 ft (715.4 m) with 100-percent recovery. After the completion of coring, the core hole was reamed out to 6.125-inch (15.5 cm) diameter, and rotary drilling continued to 2,397 ft (730.6 m) at which point the hole diameter was reduced to 6 in. (15.2 cm).

Partial loss of circulation (70 to 80 percent) continued as the hole was drilled ahead to 2,945 ft (897.6 m). A core was taken from 2,945 ft (897.6 m) to 2,947 ft (898.2 m) with 100-percent recovery.

The hole was logged at 2,947 ft (898.2 m), and 1.25-inch (3.2 cm) OD tubing was set. This tubing will be used for geothermal studies by the Arizona Bureau of Geology and Mineral Technology.

Total circulating volume of the mud system was approximately 10,000 gallons (37,850 dm³). Mud properties were generally as follows: weight, 8.7 pounds (3.9 kg) per gallon or less, viscosity of 30-39 seconds, sand content of 0.75 percent or less, and wall cake thickness of 0.03-0.06 in. (0.08-0.16 cm). Total water usage was 83,200 gallons (314,912 dm³).

BIT RECORD

Make	Size		Type	Footage	
	in.	cm		ft	m
Retip	9.875	25.1		0-83	0-25.3
Walker McDonald	6.500	17.5	WM-3	83-740	25.3-225.6
HTC	6.250	15.9	J-33	740-2,082	225.6-634.6
HTC	6.125	15.6	J-33	2,082-2,397	634.6-730.6
HTC	6.000	15.2	J-55	2,397-2,947	730.6-898.2
Christensen	4.875	12.4	Diamond	2,337-2,348	712.3-715.4
				2,945-2,947	897.6-898.2
	x 3	x 7.6			

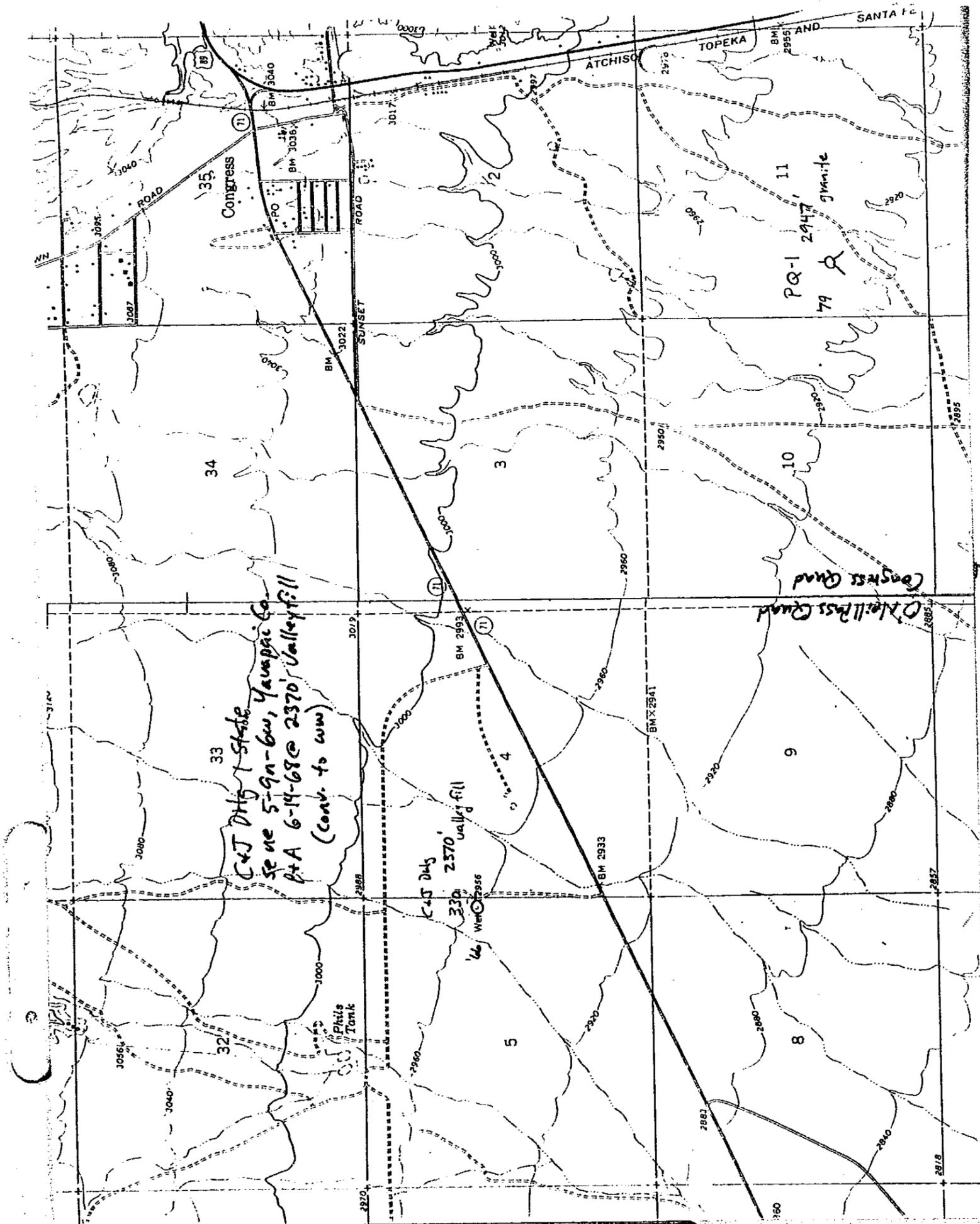
MUD RECORD

Quantity	Material
1308 sacks (50 lb/22.68 kg ea)	Quik Gel
8 sacks (50 lb/22.68 kg ea)	WL-100
9 sacks (100 lb/45.36 kg ea)	Soda Ash
210 sacks (94 lb/42.64 kg ea)	Portland Cement
10 sacks (50 lb/22.68 kg ea)	Cellex H. V.
46 sacks (25 lb/11.34 kg ea)	Cello Flake
5 sacks (40 lb/18.14 kg ea)	Plug-Git
65 sacks (85 lb/38.56 kg ea)	Cottonseed Hulls
43 sacks (40 lb/18.14 kg ea)	Cedar Fiber
84 sacks (40 lb/18.14 kg ea)	Kwik-Seal
3 sacks (40 lb/18.14 kg ea)	Petro-Seal
3 sacks (50 lb/22.68 kg ea)	Desco
6 sacks (100 lb/45.36 kg ea)	Bicarbonate of Soda
38 sacks (40 lb/18.14 kg ea)	Dick's Mud Seal

GEOPHYSICAL LOGS

Gamma
Self Potential

Resistivity



February 16, 1972

Miss Kay Potter
#13F, 2909 Arron Hiway
La Verne, California 91750

Dear Miss Potter:

We are sorry to report that there has been no activity in the area of your lease. A hole has been drilled in Section 34-T18N-R4E, Yavapai County, to a total depth of 2778 feet. No-shows have been reported on your well. This is the nearest area of activity to your lease within the State in recent years.

We are unable to supply the gravity map you requested.

Good luck to you in leasing your acreage.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

330

#13F
2909 Arrow Highway
La Verne, Calif
91756

Gentlemen:

February 11, 72

An Oil Company is interested in my lease and requests any recent information on any drilling in the area. The lease is Section #5, 9N-6W.

They also requested a State or Federal "Gravity Map" (?)

I wrote Marij Rushton in November - then Mr. James Scurlock - in January. No answer - from either - and now I am convinced I mailed both letters to the Land Office on West Adams.

I would think they would know where Mr. Scurlock is located, at least, and it is possible both were delivered, at least they were not returned to me.

I would appreciate your receiving me

RECEIVED

FEB 13 1972

O & G CO'S

330

any information that would encourage this Company to drill.

I recently learned these "Indio men" were asking my "prospects" to pay them \$50,000 - before they would "allow" them to drill on the area.

That was to reimburse them for the \$50,000 they lost - with incompetent management - in the 2327 foot existing well they drilled on my lease. All connections between us are now broken, due to that fact.

They have lost at least ten prospects by doing that.

I expect to have a truck with seismic equipment drive over the area, soon for tests.

Please excuse the writing. I had a bad experience in the hospital, all last summer, & I don't write too well, yet.

Respectfully, Kay Potter

330

May 24, 1971

Miss Kay Potter
2909 Arron Hiway
La Verne, California 91750

Dear Miss Potter:

Thank you for your letter of May 20, 1971 wherein you inquire as to activity around Section 5-T9N-R6W in Yavapai County, Arizona.

Please be advised that at this time there is no oil and gas activity anywhere within this area. You may recall that the oil effort in this immediate area was stopped some years ago and the well that was drilled was converted to a water well in hopes of developing a uranium reclamation project. Inasmuch as this latter is in no way under the control of the Oil and Gas Commission, we are not aware of the results of this activity; however, it is our understanding that currently there is no activity of any sort within the area.

Should you care for further information, you might direct an inquiry to the State Land Department, 1624 W. Adams, Fourth Floor, Phoenix, Arizona 85007.

If we may be of further help, please do not hesitate to advise.

Sincerely,

John Bannister
Executive Secretary

JB:jd

330

#13F

2909 Arrow Highway
La Verne, Calif. 91750

May 20, 1971

Gentlemen:

Just thought I had better advise you.
As of last winter - I am no longer, in
any capacity, connected with the old
group in India.

I would be indebted to you - if you
would advise me of any thing they
attempt to do - on my lease - Sec 5-9N-6W.

I do not advise refusing them. Just
notify me, immediately, please.

Respectfully,

Kay Potter

330

RECEIVED
MAY 21 1971
O & G CO'S. COMM.

September 28, 1970

Mr. Orie R. Everett
R R #3 Box 1567
Prescott, Arizona
86301

Dear Mr. Everett:

We are sending you all of the information
that we have on these two wells. We have no
electric logs.

Be sure to come in to see us and visit when
you are in Phoenix.

Yours truly,

James Scurlock
Geologist

JS:jd
Enc.

330

9/22-70

Orie R Everett

RR # 3 Box 1567

Prescott ariz 86301

Jim Scurlock

Dear Sir In Regard To the Test wells Drilled
in China Valley.

I want a couple. The first one Drilled in 1940
Aircor No 1 Lyann and the second one is
S. G. Drilling No 1 State Drilled in 1966
Permit No 330

I would like very much to acquire the Logs for
these two wells to correlate with other known
Factors, We want to be sure we know what
we are doing

I will be very grateful for this information

Best Wishes

Orie R Everett



July 9, 1968

C & J Drilling Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W Yavapai County, Arizona
File 330

Great American Insurance Co. Bond 8180461

Gentlemen:

Obligations to this Commission covering your operations on captioned well have been met.

This letter then constitutes authority from this Commission to terminate captioned bond effective June 14, 1968.

Very truly yours,

John Bannister
Executive Secretary
jbr

cc: Great American Insurance Company
Luhrs Central Bldg
Phoenix, Arizona

LIABILITY UNDER THIS BOND MAY NOT BE TERMINATED WITHOUT WRITTEN PERMISSION OF THIS COMMISSION.

BOND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 8180451

That we: C. & J. Drilling, Inc.

of the County of: Riverside in the State of: California

as principal, and Great American 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 in the penal sum as indicated, 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 is 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:

Section 5, Township 9 north, Yauapai County, State of Arizona

R.L.W.

CANCELLED

DATE 7.9.68

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation 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 & Gas Conservation Commission all notices and records required by said Commission, 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, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of Five thousand and no/100 dollars

Witness our hands and seals, this 15th day of October, 1965

C. & J. Drilling, Inc.

STATE OF CALIFORNIA,

County of Riverside

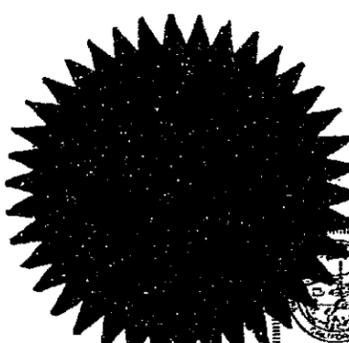
ss.

On October 15, 1965, before me, the undersigned, a Notary Public in and for said County and State, personally appeared Andrew J. Spingi

known to me to be the person whose name is subscribed to the within Instrument, as the Attorney-in-Fact of Great American Insurance Company

and acknowledged to me that he subscribed the name of C. & J. Drilling, Inc.

thereto as principal and in his own name as Attorney-in-Fact.



Medley L. Jeansonne, NOTARY PUBLIC, RIVERSIDE COUNTY, CALIFORNIA

Medley L. Jeansonne

Medley L. Jeansonne, NAME (TYPED OR PRINTED)

My Commission Expires January 22, 1969

Notary Public in and for said County and State.

330

LIABILITY UNDER THIS BOND MAY NOT BE TERMINATED WITHOUT WRITTEN PERMISSION OF THIS COMMISSION.

BOND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 8180461

That we: C. & J. Drilling, Inc.

of the County of: Riverside in the State of: California

as principal, and Great American 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 in the penal sum as indicated, 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 is 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:

Section 5, Township ⁹ north, Yavapai County, State of Arizona
R.6.W (May be used as blanket bond or for single well)

CANCELLED

DATE 7.9.68

NOW, THEREFORE, if the above bounden principal shall comply with all of the provisions of the laws of this State and the rules, regulations and orders of the Oil and Gas Conservation 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 & Gas Conservation Commission all notices and records required by said Commission, 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, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal sum of Five thousand and no/100 dollars

Witness our hands and seals, this 15th day of October, 1965

C. & J. Drilling, Inc.
Charles E. Johnson Principal Pres

Witness our hands and seals, this 15th day of October, 1965

COUNTERSIGNED
Standard Insurance Agency, Inc.

The Great American Insurance Company
Andrew J. Spingler Attorney-in-Fact

(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 10-18-65
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

By: John Bonmaster

Permit No. 330

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

Bond
File Two Copies

Form No. 2

GREAT AMERICAN INSURANCE COMPANY

The number of persons authorized by this power of attorney is not more than **ONE**

NEW YORK, NEW YORK

No. O-5158

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That the GREAT AMERICAN INSURANCE COMPANY, a corporation organized and existing under and by virtue of the laws of the State of New York, does hereby nominate, constitute and appoint the person or persons named below its true and lawful attorney-in-fact or attorneys-in-fact, for it and in its name, place and stead to execute in behalf of the said Company, as surety, any and all bonds, undertakings and contracts of suretyship: provided that the liability of the said Company on any such bond, undertaking or contract of suretyship executed under this authority shall not exceed the limit stated below.

Name	Address	Limit of Power
A. J. SFINGI	INDIO, CALIFORNIA	\$200,000.

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

IN WITNESS WHEREOF the GREAT AMERICAN INSURANCE COMPANY has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this **24** day of **August** 19**65**.



Attest:

William G. Fettis, Jr.
Secretary

GREAT AMERICAN INSURANCE COMPANY

W. R. Morpeth, Jr.
Vice President

STATE OF NEW YORK, COUNTY OF NEW YORK - ss:

On this **24th** day of **August** 19**65** before me personally appeared W. R. MORPETH, JR., to me known, being duly sworn, deposes and says that he resided in the County of Essex, State of New Jersey, that he is a Vice President of the Great American Insurance Company, the Company described in and which executed the above instrument; that he knows the seal of the said Company; that the seal affixed to the said instrument is such corporate seal: that it was so affixed by authority of his office under the By-Laws of said Company, and that he signed his name thereto by like authority.



Julia Paruth

NOTARY PUBLIC, STATE OF NEW YORK
NO. 80-8273850 WESTCHESTER COUNTY
CERT. FILED IN NEW YORK COUNTY
COMMISSION EXPIRES MARCH 30, 1966

This Power of Attorney is granted under and by authority of Article IV of the By-Laws of the Company, extracts of which read as follows:

ARTICLE IV.

Officers: Powers and Duties.

Section 4....The President...shall also have power and authority, from time to time, to appoint and fix the compensation of one or more attorneys-in-fact, to prescribe their respective duties and the respective limits of their authority and to revoke any such appointment, at any time, in his discretion.

Section 5....the several Vice Presidents...shall act, in the order of their appointment, in the place of the President exercising all his powers and performing his duties, during his absence or disability.

This Power of Attorney is signed and sealed by facsimile under and by authority of the following Resolution adopted by the Board of Directors of the Great American Insurance Company at a meeting duly called and held on the 5th day of May, 1965.

RESOLVED, that the signature of any officer authorized by the By-Laws and the Company seal may be affixed by facsimile to any power of attorney and revocation of any power of attorney or certificate of either given for the execution of any bond, undertaking, or contract of suretyship, such signature and seal, when so used being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed.

CERTIFICATION

I, WILLIAM G. FETTIS, JR., Secretary of Great American Insurance Company, do hereby certify that the foregoing Power of Attorney, the above quoted abstracts of Sections 4 and 5 of Article IV of the By-Laws, and the Resolution of the Board of Directors of May 5, 1965, have not been revoked and are now in full force and effect.

Signed and sealed this _____ day of _____ 19 _____



William G. Fettis, Jr.
Secretary



OBED M. LASSEN
STATE LAND COMMISSIONER

OFFICE OF
State Land Department
STATE OF ARIZONA
Phoenix, Arizona

June 18, 1968

State of Arizona Oil & Gas Conservation Commission
Room 201, State Office Building
1624 West Adams Street
Phoenix, Arizona 85007

Gentlemen:

This is to advise you that the State Land Department, acting in accordance with the provisions of Section 27-559, B, Arizona Revised Statutes, accepts, as a water well, the abandoned wildcat well, known as C & J Drilling Company, State No. 1, drilled, plugged and abandoned under your Permit No. 330, and located within the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 5, Township 9 North, Range 6 West.

It is the understanding of the Department that the former oil and gas operator and oil and gas lessee make no claim of title to any well casing or other materials left in the well at the time of its partial plugging, accomplished on June 14, 1968, under specifications set out by you.

In accepting the subject well, the Department is fully aware of its responsibilities under existing statutes.

Yours very truly,

Ob M Lassen

Obed M. Lassen
STATE LAND COMMISSIONER

OML:jc

X 330

June 11, 1968

Telcon Bill Sargent

Re: C & J Drilling #1 State
Permit 330.

Will plug tomorrow, June 12, as follows:

Heavy mud from TD to 1042'
Cement from 1042-992'

Stated * he talked to John Bannister and got verbal permission for this plugging, which puts the top of the cement plug several feet below the water zone. He needed this leeway for pump installation, etc.

Notify Land Department of change in plugging???

May 28, 1968

Mr. O.M. Lassen, Commissioner
State Land Department
400 Arizona State Office Bldg.
1624 W. Adams
Phoenix, Arizona 85007

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona

Dear Mr. Lassen:

Specifically, captioned well is located 330 feet from the east line and 3300 feet from the south line of the section.

Our records reveal 39 feet of 12-3/4-inch casing has been cemented in place. Total depth is 2370 feet.

The hole is 12-3/4 inches to 40 feet; 9-7/8 inches to 960 feet; 7-7/8 inches to total depth.

Currently there are two strings of pipe at the bottom of the hole. A fishing job was unsuccessful.

Our file indicates that currently the static water level is 635 feet. There is a water zone from 840 feet to 965 feet.

A complete plugging program would be: fill the hole with heavy drilling mud from total depth up to 1000 feet. Cement should be set from 1000 feet to 800 feet. Heavy mud should be run from 800 feet to the casing. The casing should be filled with cement, surface marker set, pits backfilled and leveled, and the location cleaned up.

In the event this hole is to be left as a water well, heavy mud should be placed from total depth to 1015 feet and cement from 1015 feet to 965 feet. The pits should be filled in the event they are not necessary for further operations and the surface location cleaned up.

In my opinion, a bond in the amount of \$2,000 would be sufficient to cover either of these proposed plugging programs.

330

Mr. O.M. Lassen
May 28, 1968
Page 2

The surface of course must be left safe for cattle or anyone coming into the area.

Very truly yours,

John Bannister
Executive Secretary
mr

CERTIFIED
No. 231870

January 17, 1968

C & J Drilling Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Great American Insurance Co. bond 8180461

Gentlemen:

At the regular meeting of the Commission on January 17, 1968 your well situation was discussed.

It was the order of the Commission that you be notified that should operations on your well not be substantially underway or the well plugged and abandoned by midnight, May 31, 1968, and satisfactory evidence to this effect in the hands of the Commission by that date, you will be ordered to appear before the Commission on June 19, 1968 for hearing to show cause why this well should not be plugged and abandoned.

Very truly yours,

John Bannister
Executive Secretary
MB

cc: Great American Insurance Co
Luhrs Central Bldg.
Phoenix, Arizona

Mr. W.H. Seargent
P.O. Box 53
Congress Junction, Arizona

INSTRUCTIONS TO DELIVERING EMPLOYEE	
<input type="checkbox"/> Deliver ONLY to addressee	<input type="checkbox"/> Show address where delivered
(Additional charges required for these services)	
RECEIPT	
Received the numbered article described on other side.	
SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)	
<i>C & J Drilling Inc.</i>	
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY	
<i>Norma Johnson</i>	
DATE DELIVERED	SHOW WHERE DELIVERED (only if requested)
JAN 22 1968	

CS-16-71548-9-7

CERTIFIED
No. 231870

January 17, 1968

C & J Drilling Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Great American Insurance Co. bond 8180461

Gentlemen:

At the regular meeting of the Commission on January 17, 1968 your well situation was discussed.

It was the order of the Commission that you be notified that should operations on your well not be substantially underway or the well plugged and abandoned by midnight, May 31, 1968, and satisfactory evidence to this effect in the hands of the Commission by that date, you will be ordered to appear before the Commission on June 19, 1968 for hearing to show cause why this well should not be plugged and abandoned.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: Great American Insurance Company
Luhrs Central Bldg.
Phoenix, Arizona

Mr. W.H. Seargent
P.O. Box 53
Congress Junction, Arizona

POST OFFICE DEPARTMENT OFFICIAL BUSINESS		PENALTY FOR PRIVATE USE PAY BY POSTAGE
INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.		POSTMARK OF DELIVERING OFFICE JA 2 PM
REGISTERED NO.	NAME OF SENDER	OIL & GAS CONSERVATION COMM STATE OF ARIZONA 1824 WEST ADAMS - SUITE 20 TELEPHONE 271-5181 PHOENIX, ARIZONA, 85007
CERTIFIED NO. 231870	STREET AND NO. OR P. O. BOX	
INSURED NO.	CITY, STATE, AND ZIP CODE	

POD Form 3811 Sep. 1963
CSS-16-71548-4-F

CERTIFIED
No. 231870

January 17, 1968

C & J Drilling Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Great American Insurance Co. bond 8180461

Gentlemen:

At the regular meeting of the Commission on January 17, 1968 your well situation was discussed.

It was the order of the Commission that you be notified that should operations on your well not be substantially underway or the well plugged and abandoned by midnight, May 31, 1968, and satisfactory evidence to this effect in the hands of the Commission by that date, you will be ordered to appear before the Commission on June 19, 1968 for hearing to show cause why this well should not be plugged and abandoned.

Very truly yours,

John Bannister
Executive Secretary
nr

cc: Great American Insurance Company
Luhrs Central Bldg.
Phoenix, Arizona

Mr. W.H. Seargent
P.O. Box 53
Congress Junction, Arizona

INSTRUCTIONS TO DELIVERING EMPLOYEE	
<input type="checkbox"/> Deliver ONLY to addressee	<input type="checkbox"/> Show address where delivered
(Additional charges required for these services)	
RECEIPT	
Received the numbered article described on other side.	
SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)	
<i>C & J Drilling Inc.</i>	
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY	
<i>Norma Johnson</i>	
DATE DELIVERED	SHOW WHERE DELIVERED (only if requested)
JAN 22 1968	

December 26, 1967

C & J Drilling Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State
SE NE 5-9N-6W Yavapai County, Arizona
Permit 330

Gentlemen:

Since it is your intention, as stated over the telephone to Mr. Bannister on December 22, 1967, to abandon the captioned well, the plugging should be in the following manner:

A cement plug be set from total depth up to the depth of 1200 feet. The hole then shall be filled with heavy mud of at least ten-pound weight from 1200 feet to 20 feet. A surface plug of 20 feet should be set with the surface marker.

Of course the location will have to be cleaned and leveled.

This supersedes our previous plugging order dated July 10, 1967.

Very truly yours,

J.R. Scurlock
Geologist
mr

cc: Mr. W.H. Seargent, P.O. Box 53, Congress Junction, Arizona



OFFICE OF

Oil and Gas Conservation Commission

STATE OF ARIZONA

ROOM 202

1624 WEST ADAMS

Phoenix, Arizona 85007

PHONE: 271-5161

Copies of the Rules and Regulations have been furnished you previously. For your convenience, however, we are enclosing another copy.

Your attention is directed to Rule 202.A.7 for instructions concerning the surface marker.

Your attention is further directed to Rule 119.A.1 for the definition of "Driller's Log" for our purposes.

When a well is plugged and abandoned we do require the following data:

- Form 9, Application to Abandon and Plug
- Form 10, Plugging Record
- Form 4, Well Completion Report

Once all the data is received, as required by these above forms, we then may release your bond.

330

Forms & Copy
of Rules
mailed 12-26-67

November 10, 1967

C & J Drilling Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

No report of the progress on captioned well has been filed since September 4, 1967. It is our understanding that although Mr. Seargent has done some work on the well, no work is currently in progress.

Will you please file immediately reports bringing us to date on your current status as well as a statement as to your plans for the immediate future.

It is necessary that you either comply with the rules concerning the plugging and bandoning of this well or commence the work you have indicated you will do.

Your prompt reply will be appreciated.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: Mr. W.H. Seargent, P.O. Box 53, Congress Junction, Arizona

10-4-67

Telcon with W.H. Seargent, P O Box 53, Congress Junction

Re: C & J Drilling #1 State
Permit 330

Plans to re-enter tomorrow morning. Will forward sundry report to confirm and outline plan.

DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

DARRELL F. SMITH
THE ATTORNEY GENERAL
WILLIAM E. EUBANK
CHIEF ASSISTANT ATTORNEY GENERAL

July 28, 1967

Mr. John Bannister, Executive Secretary
OIL AND GAS CONSERVATION COMMISSION
1624 West Adams
Phoenix, Arizona 85007

Dear Mr. Bannister:

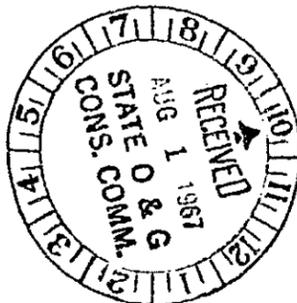
Thank you for the copy of your letter dated July 24, 1967,
to C & J Drilling, Inc., regarding C & J Drilling
1 State Well, SE NE 5-9N-6W, Yavapai County, Arizona,
Permit 330.

Sincerely,

DARRELL F. SMITH
The Attorney General


JOHN M. MCGOWAN
Special Assistant Attorney General

JMM:cah



330

July 24, 1967

C & J Drilling Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

We are in receipt of your letter dated July 19, 1967, which was signed by Mr. C.E. Johnson and Mr. W.H. Seargent, wherein you advised of plans to commence work on the captioned well.

After discussion in detail with Mr. Seargent, the Commission has concluded that one final extension of our plugging order is warranted. Consequently this letter will constitute authority from this Commission for an extension of time to commence work on this well. This final extension will expire at midnight on October 25, 1967.

Should work not be commenced before this above date the plugging order contained in our July 10, 1967 letter will be enforced. Should you have any questions concerning this order please advise this Commission at once.

Very truly yours,

John Bannister
Executive Secretary
mr

cc: Attorney General, 159 The Capitol, Phoenix, Arizona
Standard Insurance Agency, Inc., 35 W. Jefferson, Phoenix, Ariz.
Mr. W.H. Seargent (hand delivered)

July 19, 1967

Oil & Gas Conservation Commission
1624 West Adams- Room 202
Phoenix, Arizona

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Mr. Banister:

Our intentions in regards to the test hole on the Potter Lease,
Yavapai County is as follows:

1. Move large enough rig, capable of pulling the pipe that
is stuck in the hole, and trying to make an Oil well.
2. If unable to get all the pipe out. We are going to try
and make a Water well.
3. If we fail in Number 1 and 2, we will then abandon and
plug the well to meet with your requirements.

Very truly yours,

W. H. Seargent

W. H. Seargent
C. E. Johnson

DEPARTMENT OF LAW
OFFICE OF THE
Attorney General
STATE CAPITOL
Phoenix, Arizona 85007

DARRELL F. SMITH
THE ATTORNEY GENERAL
WILLIAM E. EUBANK
CHIEF ASSISTANT ATTORNEY GENERAL

July 13, 1967

Mr. John Bannister, Executive Secretary
OIL AND GAS CONSERVATION COMMISSION
1624 West Adams
Phoenix, Arizona 85007

Dear Mr. Bannister:

Thank you for the copy of your letter to C & J Drilling,
Inc., dated July 10, 1967, regarding C & J Drilling #1
State Well SE NE 5-9N-6W, Yavapai County, Arizona,
Permit 330.

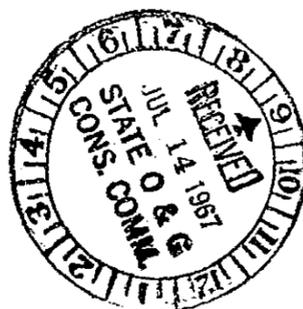
Sincerely,

DARRELL F. SMITH
The Attorney General



JOHN M. MCGOWAN
Special Assistant Attorney General

JMM:cah



330

INSTRUCTIONS TO DELIVERING EMPLOYEE
 Deliver ONLY to addressee Show address where delivered
(Additional charges required for these services)

RECEIPT
Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)
C & J Drilling Inc.

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY
Norma Johnson

DATE DELIVERED
JUL 11 1967

SHOW WHERE DELIVERED (only if requested)

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

330
PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300

POSTMARK OF
DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN
TO

REGISTERED NO.

NAME OF SENDER

CERTIFIED NO.

INSURED NO.

231860

STATE OF ARIZONA
WEST ADAMS - SUITE 202
PHOENIX, ARIZONA, 85007
TELEPHONE: 271-5181

CSS-1E-71548-6-F

POD Form 3811 Sep. 1963

CERTIFIED
No. 231860

July 10, 1967

C & J Drilling, Inc.
P.O. Box 1299
Indio California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Great American Insurance Co. Bond 8180461

Gentlemen:

On January 5, 1966 an extension in which to continue operations on captioned well was granted. This extension expired June 30, 1967.

Inasmuch as no work was commenced, and in view of the fact that this extension was one of numerous extensions, this Commission feels it can no longer consider this an active well nor grant any further extensions.

Consequently this Commission orders that this well be plugged in the following manner:

A cement plug be set from total depth of 2,327 feet up to the depth of 900 feet. This will bring the cement plug 60 feet into the casing. The hole shall be filled with heavy mud from 900 feet up to 50 feet and a cement plug shall be set from 50 feet up to the surface. The well shall be properly marked as required in the Rules and Regulations. Location site must be cleaned up.

Plugging Record (Form 10, attached), Well Completion Report (Form 4, attached), copies of all logs, samples and all other information obtained from the drilling of this well must be filed with this Commission. These plugging operations must be completed within 60 days from date of this order, or September 10, 1967.

330

C & J Drilling, Inc.
July 10, 1967
Page 2

Should this well be capable of being made into a water well, your alternative to the plugging of this well would be to turn it over to the owner of the grazing rights as a water well. Water Well Acceptance Agreement (Form 25) is enclosed should you desire to use it. Of course the above reporting must be submitted in this instance also.

Under our Rules and Regulations you have the right to request a hearing to show cause why this well should not be plugged. Should it be your desire to have a hearing, your request should be submitted to this office and thereafter a date will be set for it.

Should you have any questions will you please contact this office.

Very truly yours,

John Bannister
Executive Secretary

nr

enc

ALSO D 1-67

cc: The Attorney General, 159 The Capitol, Phoenix, Ariz. 85007

Standard Insurance Agency, Inc., 35 W. Jefferson, Phoenix,
Arizona 85001

330

Plugging

Oil & Gas Div. #1 State 8595

TD 2327'

No mention in reports about wtr.

Csg:

Set $12\frac{3}{4}$ " @ 40'

$9\frac{7}{8}$ " @ 960'

Recommend:

cement plug 900' → TD

mud 50' → 900

Cement → 50'

regulation marker at surface

#

January 5, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

Receipt of letter dated December 30, 1966 from Mr. Ernest R. Tinkham on your behalf is acknowledged.

This letter will constitute permission from this Commission to continue captioned well in a temporarily abandoned status until June 30, 1967. Should operations not be commenced within this time the well must be plugged and abandoned in accordance with our Rules and Regulations.

This Commission should of course be notified when you again commence operations on this well.

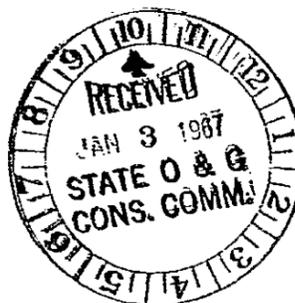
Very truly yours,

John Bannister
Executive Secretary
mr

cc: Mr. Ernest R. Tinkham
81-441 Date Palm
Indio, California

81-441 Date Palm
Indio, California
December 30, 1966

Mr. John Bannister
Oil and Gas Commissioner
Room 202
1624 West Adams
Phoenix, Arizona, 85007



Dear Mr. Bannister:

You may recall our visit of last June 3, 1966, when Mr. Charles E. Johnson, Mr. Charles E. Counts and I spent an hour that morning discussing the problem of extending the permit for the temporary abandonment of our well at our drill site in Yavapai County, some three miles west of Congress Junction.

Following your advice we sent in the various reports your office required and several days later we received word that the Arizona Oil and Gas Commission had extended our time until 31 December, 1966, with indications that another six month's extension would be available if applied for.

Much more recently you informed Messrs Counts and Johnson while they were in Phoenix, in November, that the Commission would be glad to consider a six months extension of our Permit.

I have just received a phone call from the field from these two gentlemen asking me to submit immediately an Application for this Extension.

The purpose of this communication, then, is to request the Arizona Oil and Gas Commission for another six month's extension of our permit for this drill site. I can assure you we have had many meetings this fall concerning this problem and we have been working hard trying to find or raise funds necessary to resume drilling.

Your kind consideration and acquiescence of this request will be most appreciated.

Best regards and wishes for the New Year.

Sincerely,

Ernest R. Tinkham
Ernest R. Tinkham
for
Charles E. Johnson
Charles E. Counts

330

June 28, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

This will acknowledge receipt of your letter of June 24, 1966, together with xerox copy of the sample report by Mr. W.D. Rankin, progress report on the captioned well, together with sample description and copy of the daily drilling log.

In your letter you requested an extension until December 31, 1966 in which to resume operations on the captioned well. Please be advised that this letter shall constitute authority from this Commission that the well may remain on a temporary abandoned basis until December 31, 1966.

If further work has not been commenced on or before December 31, 1966 this well must be plugged and abandoned in accordance with our Rules and Regulations. Should you have any questions concerning this, would you please advise.

It is suggested that while the well is remaining open, that a cap be welded over the surface pipe in order to prevent any contaminant being thrown into the well and as a safety precaution.

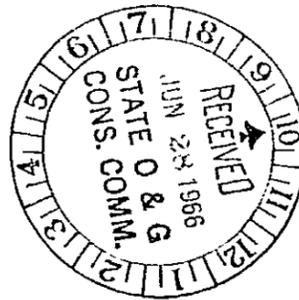
Our records now show this well as being confidential.

Very truly yours,

John Bannister
Executive Secretary
ar

330

C & J Drilling, Inc.,
P.O. Box 1299
Indio, California
June 24, 1966



Mr. John Bannister, Commissioner
Arizona Oil and Gas Commission
State Office Building
Phoenix, Arizona

Dear Mr. Bannister:

Pursuant to your instructions given us on our recent visit to your office on June 3, 1966, I am sending herewith the information that you request and which we desire.

First of all, we request that all the information that we supply to the Arizona Oil and Gas Commission at this time or have supplied in the past or will supply in the future be regarded as STRICTLY CONFIDENTIAL and as such be retained under locked file cabinet at all times. We will notify the Commission when we wish to alter this classification.

Secondly, we request the Arizona Oil and Gas Commission to grant us the consideration that our drilled hole be considered a TIGHT HOLE and left open for the term of our request.

Thirdly, we request the Commission to grant us an EXTENSION OF TIME UNTIL DECEMBER 31, 1966, for the following reasons:

- a. We request permission for the temporary abandonment of this hole while we are preparing to drill again. This means that we must finish paying off the drilling debts assumed by last winter's drilling, as well as raise money from our contributors or find moneyed interests who will resume drilling at the earliest possible moment.
- b. We request that the hole be left open so that we can recover the lost tools with a larger and more powerful drill rig.
- c. We believe that an examination of the enclosed SAMPLE EXAMINATION REPORT by Dr. Wilbur D. Rankin, noted Micropaleontologist of the western United States, will indicate the great homogeneity of the materials drilled through and further reveal no reason why the well should be capped at this time.
- d. Further, we believe it is to the advantage of the Arizona Oil and Gas Commission to grant us an extension of time, for ours is not a promotion scheme but a scientifically based and planned effort to which we have dedicated ourselves during the past thirteen years. We believe we have an oil field area and we hope to verify our study, work and faith in this region. Such proof would be a great boon to the industrial development of west-central Arizona and we are sure that the Arizona Oil and Gas Commission would be greatly interested in our continued efforts to obtain proof of our efforts and studies.
- e. Although a very small and inadequate supply of water has been obtained by drilling at Congress Junction at the 1004 foot depth, we believe that the dyke represented by the Dake Creek Mountains cuts off our drill site area from this small supply and that our Drilling Log indicates little or no water in our area down to the depth that was drilled.

John Bannister, Commissioner

--page 2

June 24, 1966

At Aguila, water is found at over 2000 foot depth and here again is separated from our area by a mountain mass. This information should indicate the possibility of little or no water in our drilled area.

f. After recovery of the lost tools we believe that we will have to go to a considerably greater depth, perhaps as much as 1000 to 2000 feet, before oil in commercial quantities will be found.

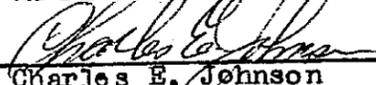
Enclosed please find also the typed copy of the DRILLER'S LOG signed by Mr. Troy Cash, our Driller. Also please find the pink sheets of the Daily Drilling Report covering that period after January 7, 1966, when we tried to recover over 2300 feet of lost drill rods and drill collars, and at a great expense.

Also enclosed is the Summarization Report by Dr. Rankin.

The samples are being sent under separate cover and should be in your hands shortly after the arrival of this communication with its enclosures.

Respectfully submitted


Charles E. Counts


Charles E. Johnson

C & J Drilling, Inc.

Encls: Wilbur D. Rankin, Sample Examination Report
W.D. Rankin, Summarization Report
Troy Cash, Drillers Log
Daily Drilling Report

June 27, 1966

Mrs. Kay Potter
525½ East San Francisco Avenue
Pomona, California

Re: C & J Drilling #1 State well
SE/4NE/4 5-9N-6W, Yavapai County, Arizona
Permit 330

Dear Mrs. Potter:

This will acknowledge your letter of June 21, 1966.

Please be advised that representatives of C & J Drilling Company have contacted this Commission requesting an extension of our plugging order. They have advised their intent to bring new equipment onto the hole; and should they be unable to drill further, they will twin the hole, that is, commence a new well near the existing well.

The Company has promised to furnish this office with information warranting an extension of our plugging order. If the information supplied by C & J Drilling Company is sufficient to warrant same, we will grant a reasonable extension.

Please rest assured that we will advise you of our actions as soon as possible. Should you have any question will you please contact us.

Very truly yours,

John Bannister
Executive Secretary
BT

330

Phone - Area 714
No 9-6268

525 1/2 East San Francisco Ave
Pomona, Calif

June 21, 1966.

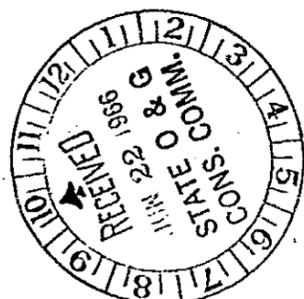
Dear Mary:

You are a doll, to send me this information about our "Oil Land." Did I thank you for this last letter? If not, please consider it done, and my apologies, no end.

On Wednesday, June 15, I called Mr. Jinkham about the "closing", and he told me he had gone over to see you, and asked for a six month's extension on the time limit for plugging. He said he would have the answer from your office by June 24.

Old stupid me! I just sat here, waiting, and hoping we would get it. It finally penetrated my thick skull, why not put in my two-cent's worth?

Must give the devil his due, so I want to tell you, now, I really don't think those men were told. By C + J, they received a plugging order from you. We were all ignorant of that fact - except myself, and I want to explain,



right now, the reason for my not telling them.

My worst fault is: I am a woman! Have you ever seen a group of men who wanted to be advised by a woman?

From 1958 to 1962, I had a contract with the original group, called the Caliche Club. I got sore at some stupid trick they pulled, and told them they could keep my contract. Nevertheless, I still continued working on this, trying to get someone to drill. This argument was by mail, which is even worse.

Meanwhile, they contacted these two "Con" men, fell, hook, line & sinker, for their salistalks. They were "Kings", & the "King can do no wrong."

After my conversation with Tinkham, I am convinced they know nothing about the closing orders.

They have, at present, a driller prospect in Oregon, and I have Walter Nelson, from Salina, Kansas. As soon as he drills in New Mexico, he will come through Arizona (on his way to Calif) to drill for a friend of mine, Ralph

Turner, in Cuyama Valley), and at that time will look over our area. I, no doubt, will be there.

Twenty three hundred feet of hole, with two thousand or more feet of large pipe in it, will be a big argument in our favor.

I just hope + pray, Mr. Bannister can find it in his heart, to give us this chance.

Marj - the George Lee who found + tested this area, and quite a few others, originally connected with this project, are not getting any younger. In fact, Geo Lee is in his late seventies, and I hate to think he would not be able to enjoy the fruits of one of his labors, the most promising one of all.

Thank you, again, Marj, for your unusual understanding and co-operation in the past.

Sincerely -
Just call me Kay -

June 6, 1966

Re: C & J Drilling #1 State 8595
SE NE 5-9N-6W, Yavapai County
Permit 330

Mr. Counts and Mr. Johnson came to this office on June 3, 1966 in regards to the plugging order recently issued.

They advised this office of intention to begin work again on this well as soon as sufficient finances were secured.

Inasmuch as no logs or other information is as yet on file, they were told that a temporary extension could be granted provided information could be furnished to this office and if such information indicated no harm was being done to penetrated formations.

Logs, samples, etc., are to be furnished this office by approximately June 24, 1966, at which time a decision will be made as to whether or not an extension can be granted.

Johnson and Counts advised that there is approximately 2300 feet of drilling pipe in the hole and that they have been unable to fish it out.

John Bannister
Executive Secretary

Message for C

DATE 5-31-66 TIME 1:35 pm

WHILE YOU WERE OUT

Mr. Chuck Count

of C & S Drilling

Phone Indio Calif

TELEPHONED	<input checked="" type="checkbox"/>	PLEASE CALL	HER HIM
CALLED TO SEE YOU	<input type="checkbox"/>	WILL CALL AGAIN	
WANTS TO SEE YOU	<input type="checkbox"/>	RETURNED YOUR CALL	

Message got tied up & couldn't
make it today.
Will be over Fri June 3

330

Received by _____

For an additional supply of this form

PHONE 254-7231

ARIZONA-MESSENGER Printing Co.

1207 E. Washington

Phoenix, Arizona 85024

5-26-66

Chuck Counts
telephoned.

Will be in office
on Tues 5-31-66
to discuss plans
for future.

5-26-66

CERTIFIED MAIL
231503

April 19, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State
SE/4NE/4 5-9N-6W, Yavap
Permit 330

Great American Insurance

Gentlemen:

You were contacted by letter
you bring this well into compli-
cations of this Commission.

Specifically, you were requested to submit progress reports
and were advised that Rule 202.B requires that if drilling
operations are suspended for a period of 60 days, the well
must be plugged and abandoned unless written permission is se-
cured from this Commission for extension of this period.

In our letter of April 5, 1966, which was delivered to you on
April 8, 1966, you were given until April 18, 1966 to place
yourself in compliance with our Rules and Regulations.

Inasmuch as you have failed to do this, this letter constitutes
and order from this Commission that this well be plugged immedi-
ately.

From information in our file we are advised that the total
depth of this well is 2,327 feet with 2,300 feet of pipe in
the hole. Inasmuch as we have no information as to formations
penetrated, the well must be plugged in the following manner:

Cement from 2,327 feet up into the pipe to the depth of
2,277 feet. If the pipe has not been perforated, a
20-foot surface plug may then be set with the proper
marker, this being a 4-inch pipe set in cement protrud-
ing at least 4 feet above the surface, to which is

330

INSTRUCTIONS TO DELIVERING EMPLOYEE	
<input type="checkbox"/> Deliver ONLY to addressee	<input type="checkbox"/> Show address where delivered
<i>(Additional charges required for these services)</i>	
RECEIPT	
Received the numbered article described on other side.	
SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)	
<i>C. & J. Drilling</i>	
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY	
<i>Norman Johnson</i>	
DATE DELIVERED	SHOW WHERE DELIVERED (only if requested)
APR 20 1966	

CSS-16-71548-3-F GPO

330

INSTRUCTIONS TO DELIVERING EMPLOYEE

Deliver *ONLY* to addressee Show address where delivered
(Additional charges required for these services)

RECEIPT
 Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)
C. & J. Drilling

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY
Norme Johnson

DATE DELIVERED: **APR 20 1966** SHOW WHEN DELIVERED (only if requested)

CSS-14-71548-5-F GPO

CERTIFIED MAIL
231503

April 19, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE/4NE/4 5-9N-6W, Yavapai County, Arizona
Permit 330

Great American Insurance Co. Bond 8180461

Gentlemen:

You were contacted by letter of April 5, 1966 requesting that you bring this well into compliance with the Rules and Regulations of this Commission.

Specifically, you were requested to submit progress reports and were advised that Rule 202.B requires that if drilling operations are suspended for a period of 60 days, the well must be plugged and abandoned unless written permission is secured from this Commission for extension of this period.

In our letter of April 5, 1966, which was delivered to you on April 8, 1966, you were given until April 18, 1966 to place yourself in compliance with our Rules and Regulations.

Inasmuch as you have failed to do this, this letter constitutes and order from this Commission that this well be plugged immediately.

From information in our file we are advised that the total depth of this well is 2,327 feet with 2,300 feet of pipe in the hole. Inasmuch as we have no information as to formations penetrated, the well must be plugged in the following manner:

Cement from 2,327 feet up into the pipe to the depth of 2,277 feet. If the pipe has not been perforated, a 20-foot surface plug may then be set with the proper marker, this being a 4-inch pipe set in cement protruding at least 4 feet above the surface, to which is

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300

POSTMARK OF
DELIVERING OFFICE
APR 19 1966 PM

INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

REGISTERED NO. NAME OF SENDER

CERTIFIED NO. 231503

INSURED NO.

CITY, STATE, AND ZIP CODE

STATE OF ARIZONA
1624 WEST ADAMS - SUITE 202
TELEPHONE: 271-5181
HOPE, ARIZONA 85007

POD Form 3811 Sep. 1963

CSS-16-71548-6-F

CERTIFIED MAIL
231503

April 19, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE/4NE/4 5-9N-6W, Yavapai County, Arizona
Permit 330

Great American Insurance Co. Bond 8180461

Gentlemen:

You were contacted by letter of April 5, 1966 requesting that you bring this well into compliance with the Rules and Regulations of this Commission.

Specifically, you were requested to submit progress reports and were advised that Rule 202.B requires that if drilling operations are suspended for a period of 60 days, the well must be plugged and abandoned unless written permission is secured from this Commission for extension of this period.

In our letter of April 5, 1966, which was delivered to you on April 8, 1966, you were given until April 18, 1966 to place yourself in compliance with our Rules and Regulations.

Inasmuch as you have failed to do this, this letter constitutes and order from this Commission that this well be plugged immediately.

From information in our file we are advised that the total depth of this well is 2,327 feet with 2,300 feet of pipe in the hole. Inasmuch as we have no information as to formations penetrated, the well must be plugged in the following manner:

Cement from 2,327 feet up into the pipe to the depth of 2,277 feet. If the pipe has not been perforated, a 20-foot surface plug may then be set with the proper marker, this being a 4-inch pipe set in cement protruding at least 4 feet above the surface, to which is

April 19, 1966
C & J Drilling, Inc.
Page 2

permanently affixed a sign of durable construction showing the name of the well, its location, and the permit number.

Should this pipe be perforated at any interval, the perforations must be squeezed with cement and a solid cement plug set at 10 feet above and ten feet below the area of perforation.

This work must be accomplished by June 15, 1966.

Upon completion of this work, there must be filed with this Commission the Well Completion Report, Form 4, Plugging Record, Form 10, together with a copy of any log run on the well and a copy of your driller's log. Geological samples must be submitted to this Commission at the time of filing these reports.

Should you have any questions concerning this order, please advise.

Yours very truly,

John Bannister
Executive Secretary

enc: Form 4
Form 10

cc: Standard Insurance Agency Inc.
35 W. Jefferson
Phoenix, Arizona
Attn: Mr. Frank P. Middleton Certified Mail No. 231504

332

INSTRUCTIONS TO DELIVERING EMPLOYEE	
<input type="checkbox"/> Deliver ONLY to addressee	<input type="checkbox"/> Show address where delivered (Additional charges required for these services)
RECEIPT	
Received the numbered article described on other side.	
SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)	
<i>Standard Insurance Agency</i>	
SIGNATURE OF ADDRESSEE'S AGENT, IF ANY	
<i>Clara Tally</i>	
DATE DELIVERED	SHOW WHERE DELIVERED (only if requested)
<i>4/20/66</i>	
CSS-16-71548-5-F GPO	

April 19, 1966
C & J Drilling, Inc.
Page 2

permanently affixed a sign of durable construction showing the name of the well, its location, and the permit number.

Should this pipe be perforated at any interval, the perforations must be squeezed with cement and a solid cement plug set at 10 feet above and ten feet below the area of perforation.

This work must be accomplished by June 15, 1966.

Upon completion of this work, there must be filed with this Commission the Well Completion Report, Form 4, Plugging Record, Form 10, together with a copy of any log run on the well and a copy of your driller's log. Geological samples must be submitted to this Commission at the time of filing these reports.

Should you have any questions concerning this order, please advise.

Yours very truly,

John Bannister
Executive Secretary

enc: Form 4
Form 10

cc: Standard Insurance Agency Inc.
35 W. Jefferson
Phoenix, Arizona
Attn: Mr. Frank P. Middleton

Certified Mail No. 231504

POST OFFICE DEPARTMENT OFFICIAL BUSINESS		PENALTY FOR PRIVATE USE TO APPLY PAYMENT BY POSTAGE \$300	
PHOENIX, ARIZONA 20 APR 1966		POSTMARK OF DELIVERING OFFICE GIVE AMERICAN CANCER SOCIETY	
INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.			
REGISTERED NO.	NAME OF SENDER		
CERTIFIED NO. 231504	STREET AND NO. OR P. O. BOX PHOENIX CONSERVATION COMMISS STATE OF ARIZONA 1624 WEST ADAMS - SUITE 20 TELEPHONE: 271-5161		
INSURED NO.	CITY, STATE, AND ZIP CODE PHOENIX, ARIZONA, 85007		

POB Form 3811 Sep. 1963
CSS-16-71548-4-F

330

INSTRUCTIONS TO DELIVERING EMPLOYEE

Deliver *ONLY* to addressee Show address where delivered

(Additional charges required for these services)

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

C. & J. Drilling, Inc.

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

Norman Johnson

DATE DELIVERED **APR 8 1966** SHOW WHERE DELIVERED (only if requested)

CSS-16-71548-S-F GPO

April 5, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

This office contacted you on March 4, 1966 requesting that you bring yourself into compliance with our Rules and Regulations by filing monthly progress reports.

As you are aware, our Rule 202.B required that should drilling operations be suspended for 60 days, this well must be plugged and abandoned unless written permission be obtained from the Commission for an extension.

Inasmuch as no work has been done on this well during the past 60 days, and since no progress reports have been made as per our letter request of January 26, our telephone call of February 16, and our letter of March 4, this is to advise that if a progress report is not in this office on or before April 18, 1966, together with request pursuant to Rule 202.B, this office shall have no alternative but to order this well plugged at once.

You are earnestly requested to place yourself into compliance with our Rules and Regulations as soon as possible.

Very truly yours,

John Bannister
Executive Secretary
ar

330

INSTRUCTIONS TO DELIVERING EMPLOYEE	
<input type="checkbox"/> Deliver <i>ONLY</i> to addressee	<input type="checkbox"/> Show address where delivered
<i>(Additional charges required for these services)</i>	

RECEIPT

Received the numbered article described on other side.

SIGNATURE OR NAME OF ADDRESSEE (must always be filled in)

C. & J. Drilling, Inc.

SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

Norman Johnson

DATE DELIVERED

APR 8 1966

SHOW WHERE DELIVERED (only if requested)

CSS-16-71548-5-F GPO

CERTIFIED MAIL
231502

April 5, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

This office contacted you on March 4, 1966 requesting that you bring yourself into compliance with our Rules and Regulations by filing monthly progress reports.

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You are earnestly requested to place yourself into compliance with our Rules and Regulations as soon as possible.

Very truly yours,

John Bannister
Executive Secretary
mr

POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

INDIO, CA
APR 8
P.M.
1966
92201

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, \$300

POSTMARK OF
DELIVERING OFFICE

INSTRUCTIONS: Fill in items below and complete instructions on other side, if applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article RETURN RECEIPT REQUESTED.

RETURN TO

REGISTERED NO.	NAME OF SENDER
CERTIFIED NO. 231502	OIL & GAS CONSERVATION COMMISSION STATE OF ARIZONA 1824 WEST ADAMS - SUITE 202 TELEPHONE: 271-5161
INSURED NO.	CITY, STATE, AND ZIP CODE PHOENIX, ARIZONA, 85007

POD Form 3811 Sep. 1963

635-10-71848-1-F

CERTIFIED MAIL
231502

April 5, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

This office contacted you on March 4, 1966 requesting that you bring yourself into compliance with our Rules and Regulations by filing monthly progress reports.

As you are aware, our Rule 202.B required that should drilling operations be suspended for 60 days, this well must be plugged and abandoned unless written permission be obtained from the Commission for an extension.

Inasmuch as no work has been done on this well during the past 60 days, and since no progress reports have been made as per our letter request of January 26, our telephone call of February 16, and our letter of March 4, this is to advise that if a progress report is not in this office on or before April 18, 1966, together with request pursuant to Rule 202.B, this office shall have no alternative but to order this well plugged at once.

You are earnestly requested to place yourself into compliance with our Rules and Regulations as soon as possible.

Very truly yours,

John Bannister
Executive Secretary
mr

April 6, 1966

Mrs. Kay Potter
525½ East San Francisco Avenue
Pomona, California 91767

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Dear Kay:

Note that I remembered that you said "don't call me Mrs." I was very pleased to hear that you enjoyed your visit in Arizona.

Enclosed is a xerox copy of a letter to the driller which indicates the current status of the well. Mr. Bannister's policy is to give any operator as much opportunity as possible to bring in a producing well.

Also enclosed is another copy of the pamphlets. I'll send your friend the same.

You will be kept informed of developments concerning this well.

Very truly yours,

Marjorie Rushton

Pomona, Calif.
April 4, 1966.

Hello Alvar:

Just arrived home again, from the visit to your beautiful state. Brought my friend (and hostess) back with me, as far as Indio. We were there three days, during which time seven of the Lessees held a discussion, and we all would appreciate it very much, if you would inform me of the status of the drillers after April 5 - in other words - if you suspend the "Permit to Drill."

Confidentially, my friend's brother, from Long Beach, has a group of men who are interested and would have the money to do it, if Counts & Johnson are out of the picture.

Would it be asking too much of you to make a carbon of your answer & send it to my friend? I certainly would be indebted to you - as her brother is driving her to Tucson, and needs the info for his "interested group" - when he leaves for home on the 11th of April - he lives in Long Beach, Calif.

It would be impossible for me to tell you how I appreciated your help and consideration, the day I visited your office. I must add, everyone I met in Arizona was friendly and kind. All of you make a stranger feel at home. Needless to say, we all are anxious to continue with this drilling, even though, through misrepresentation, we allowed ourselves to get involved in this big mess. I agreed to let the men make the decisions, and this is the result. I still say - women could do better, couldn't we?

Thank you, dear, for your time and courtesy in reading this, and we would greatly appreciate this information.

Hope to see you again, very soon.

Sincerely,

Kay Potter

P.S. Gosh! I gave the men the books you gave me,
P.S. and don't even know your address! Stupid!
For Heaven's sake - don't add this to
C. & J. file, I'll be beheaded.
Incidentally - have a lovely tan - from Arizona. Ha ha.

March 4, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

This office wrote you on January 26, 1966 requesting that you file, in accordance with our Rules and Regulations, a progress report on your captioned well. We telephoned on February 16, 1966 and again advised Mr. Counts that this report should be filed just as soon as possible.

We have not received this report. Therefore, to bring yourself into compliance with the Rules and Regulations, will you please submit the required report for the period from December 5, 1965, just as soon as possible.

Very truly yours,

John Bannister
Executive Secretary
mr

January 26, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drilling #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Gentlemen:

As you are aware, a monthly progress report should be submitted covering your operations on the captioned well.

For your convenience in submitting this report we are enclosing a supply of Form 25 and request that you report, at your earliest convenience, your operations from December 5, 1965 to the current status.

Your earliest cooperation will be appreciated.

Very truly yours,

John Bannister
Executive Secretary
mr
enc

January 11, 1966

C & J Drilling, Inc.
P.O. Box 1299
Indio, California

Re: C & J Drill #1 State well
SE NE 5-9N-6W, Yavapai County, Arizona
Permit 330

Dear Sirs:

When I was out to your location last week the driller informed me he was sending the cuttings to you in Indio. I hope that you will save these samples and send them to us here when the well is completed.

As you are aware, our Rules and Regulations required that these samples be submitted to this Commission at the completion of the well.

Very truly yours,

J.R. Scurlock
Petroleum Geologist
ar

330

October 8, 1965

Mr. Charles E. Johnson
P.O. Box 1299
Indio, California

Dear Mr. Johnson:

In response to your telephone call of this date, we are forwarding the forms for use in connection with your intention to drill a well.

We do have in our files the Organization Report filed by you and Mr. Counts in November, 1964 with your previous application. If the information contained in this report is still correct, it is not necessary to file another such report at this time.

This office will be pleased to be of service to you at any time.

Yours very truly,

John Bannister
Executive Secretary
BT
enc

330