

CONFIDENTIAL
Release Date 3-3-68



P-W

SKELLY OIL 1 NAVAJO-φ 423
NW NW 18-38N-30E Apache County

sl

COUNTY Apache AREA 16 mi NW Red Rock LEASE NO. Nav. 14-20-0603-10042

WELL NAME Skelly Oil 1 Navajo-Q

LOCATION NW NW SEC 18 TWP 38N RANGE 30E FOOTAGE 660' FNL 660 FWL

ELEV 6704 GR 6713 KB SPUD DATE 8-8-67 STATUS 9-3-67 TOTAL DEPTH 5373'
6700 Am Strat COMP. DATE

CONTRACTOR

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
<u>10 3/4</u>	<u>345'</u>	<u>225 SK</u>	<u>NA</u>	DRILLED BY CABLE TOOL	
				PRODUCTIVE RESERVOIR	
				INITIAL PRODUCTION	<u>P&A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>DeChelly</u>	<u>1532'</u>	<u>X</u>	<u>x</u>	<u>Am Strat does not agree</u>
<u>Cedar Mesa</u>	<u>2596'</u>			
<u>Hermosa Lime</u>	<u>3588'</u>			
<u>Ismay</u>	<u>3864'</u>			
<u>Desert Creek</u>	<u>4030'</u>			
<u>Barker Creek</u>	<u>4390'</u>			
<u>Molas</u>	<u>4430'</u>			
<u>Intrusive Sill</u>	<u>4570 & 4606'</u>			
<u>Mississippian</u>	<u>4665'</u>			
<u>Devonian</u>	<u>4950'</u>			
<u>Intrusive</u>	<u>4956'</u>			
<u>McCracken</u>	<u>5145'</u>			
<u>Cambrian</u>	<u>5370'</u>			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG <u>Am Strat</u>
<u>IE; Borehole Comp.</u>			SAMPLE DESCRP.
<u>Sonic-GR</u>			SAMPLE NO. <u>1452*</u>
			CORE ANALYSIS
			DSTs <u>x</u>
			*Tucson 2540

REMARKS

APP. TO PLUG	<u>x</u>
PLUGGING REP.	<u>x</u>
COMP. REPORT	<u>x</u>

WATER WELL ACCEPTED BY

BOND CO. Federal Insurance Co. BOND NO. 8032-85-78
 BOND AMT. \$ 5,000 CANCELLED 9-19-72 DATE 3-17-65
 FILING RECEIPT 9513 LOC. PLAT x WELL BOOK x PLAT BOOK x
 API NO. 02-001-20047 DATE ISSUED 8-3-67 DEDICATION W/2 NW/4

PERMIT NUMBER 423

(over)

CONFIDENTIAL
Release Date 3-3-68

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 **Skelly Oil Company** Address **1860 Lincoln Street, Denver, Colorado 80203**

Federal, State or Indian Lease Number or name of lessor if fee lease **Navajo Tribe Cont. No. 14-20-0603-140042 (Navajo "Q")** Well Number **1** Field & Reservoir **Wildcat**

Location **660' FNL & 660' FWL Section 18-38N-30E** County **Apache**

Sec. TWP-Rang. or Block & Survey **Section 18-38N-30E**

Date spudded **August 8, 1967** Date total depth reached **September 3, 1967** Date completed, ready to produce **September 3, 1967** Elevation (DE, RKB, RT or Gr.) **6700' GR 6713 feet KB** Elevation of casing hd. flange **6701 feet**

Total depth **5373'** P.B.T.D. **Surface** Single, dual or triple completion? **Dry Hole** If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion **Dry Hole** Rotary tools used (interval) **Surface to 5373'** Cable tools used (interval) **None**

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

Type of electrical or other logs run (check logs filed with the commission) **Schl. Induction Electric BHC & Gamma Ray-Sonic** 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 Csg.	12-1/4"	10-3/4"OD	32.75#	345'	225	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
(None)			(None)	

INITIAL PRODUCTION

Date of first production **Dry Hole** 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 **District Superintendent** of the **Skelly Oil** (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.

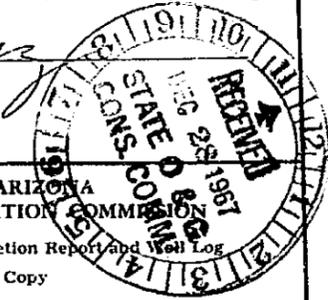
Date **December 26, 1967**

Edward J. ...
Signature

Permit No. **423**

Form No. 4

File One Copy



Co top
DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
DeChelly	1532'		<p style="text-align: center;"><i>See AMST</i></p> <p>*DST #1 Packer set at 3945' 3/4" bottom choke, 1" top choke. Tool open 15 minutes, very weak blow, died in 15 minutes. Closed tool 30 minutes, opened one hour, weak blow for 15 minutes and died. Shut in 30 minutes. Recovered in drill pipe 15' of drilling mid, no show of oil or gas on casing. IFP 0#; FFP 0#; ISIP 0#; FSIP 0#; Hyd. in and out 1879#.</p>
Cedar Mesa	2596'		
Hermosa Lime	3588'		
Ismay	3864'		
Desert Creek	4030' *		
Barker Creek	4390'		
Mulas	4430'		
Intrusive Sill	4570' & 4606'		
Mississippian	4665'		
Devonian	4950'		
Intrusive	4956'		
McCracken	5145'		
Cambrian - pre-skelly	5370'		

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

INSTRUCTIONS:

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

APPLICATION TO ABANDON AND PLUG

FIELD Wildcat
OPERATOR Skelly Oil Company ADDRESS 1860 Lincoln Street, Denver, Colorado
Federal, State, or Indian Lease Number _____
or Lessor's Name if Fee Lease Navajo Tribe Cont. No. 14-20-0603-10042 WELL NO. 1
SURVEY G&SRM SECTION 18 COUNTY Apache
LOCATION 660' FNL and 660' FWL Section 18-38N-30E

TYPE OF WELL Dry Hole TOTAL DEPTH 5373
(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

2. FULL DETAILS OF PROPOSED PLAN OF WORK Run open ended drill pipe and spot cement plugs as follows: 4600-4700' - 30 sx; 3980-4080' 30 sx; 3310-3410' 30 sx; 1440-1550' 30 ex and 10 sx plug in top of surface casing. Intervals between plugs to be filled with heavy mud laden fluid. A 4-1/2"OD dry hole marker will be installed. (Verbal approval given by Mr. Jim Scurlock, Commission's Geologist, to do this work.)

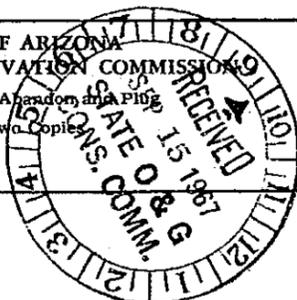
If well is to be abandoned, does proposed work conform with requirements of Rule 202? yes If not, outline proposed procedure above.

DATE COMMENCING OPERATIONS 9-3-67
NAME OF PERSON DOING WORK _____ ADDRESS _____
CORRESPONDENCE SHOULD BE SENT TO Skelly Oil Company, Mr. F. L. Franz
Name
District Superintendent
Title
1860 Lincoln Street, Denver, Colorado 80203
Address
September 7, 1967
Date

Date Approved 9-20-67
STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
By: John Bannister

Permit No. 423

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



Well Data

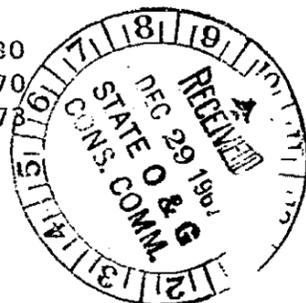
Elevation: 6713' KA (Datum, 6711.4 DF, 6700' G)

Subsurface Markers by Electrical Log

<u>FORMATION</u>	<u>DEPTH</u>	<u>DATUM</u>
Aluvium	Surface	/6700
Triassic Wingate	90'	/6623
Triassic Chinle	205'	/6508
Triassic Chinle Mossback	1208'	/6505
Permian DeChelly	1532'	/6181
Permian Organ. Rock	2096'	/4617

(See attachment) *None*

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Permian Cedar Mesa	2596'	/4117
Permian Halgaito	3000	/3713
Pennsylvanian Hermosa	3282	/3431
Pennsylvanian Hermosa Lime	3586	/3127
Pennsylvanian Ismay	3900	/2815
Pennsylvanian Desert Creek	4030	/2683
Pennsylvanian Lower Hermosa		
"T" Zone	4196	/2517
Pennsylvanian Base Lower		
Hermosa "T" Zone	4390	/2323
Pennsylvanian Molas	4504	/2209
Intrusive into Molas	4570	/2143
Base Intrusive-Molas	4594	/2119
Intrusive into Molas	4606	/2107
Base Intrusive-Molas	4642	/2071
Mississippian	4662	/2051
Intrusive into Devonian		
Elbert	4955	/1758
Base Intrusive-Devonian		
Elbert	4987	/1726
Devonian McCracken	5152	/1561
Intrusive into Devonian		
Aneth	5230	/1483
Base Intrusive-Cambrian		
Tapeats	5330	/1383
Pre-Cambrian	5370	/1343
Total Depth	5378	/1340



*Skelly 1-Q Navajo
Permit 423*

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Skelly Oil Company
 2. OIL WELL GAS WELL OTHER (Specify) Dry Hole
 3. Well Name Navajo "Q" Well No. 1
 Location 660' FNL and 660' FWL
 Sec. 18 Twp. 38N Rge. 30E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Tribe Cont #14-20-0603-10042

5. Field or Pool Name Wildcat

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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) <u>Logging</u>	ABANDONMENT <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.)

Well No. 1 was drilled to a total depth of 5373' without encountering any oil or gas pay. Ran Schlumberger Induction Electric EHC and Gamma Ray-Sonic Log to TD 5373'.
 Ran open ended drill pipe and set cement plugs as follows:

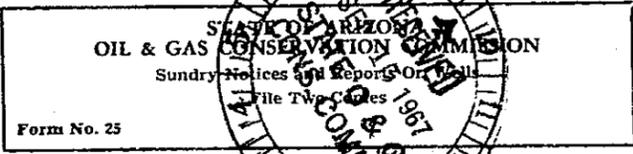
4600-4700' 30 sx
 3980-4080' 30 sx
 3310-3410' 30 sx
 1440-1550' 30 sx

Set a 10 sack plug in top of 10-3/4"OD surface casing and installed dry hole marker. Intervals between plugs filled with heavy mud laden fluid. Well plugged and abandoned 9-3-67.

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

Signed Leland Tracy

Title District Superintendent Date 11/18/67



Permit No. 423

Shelly bit G. 1 7/8".

Bob Ulstrup

DST of Des Ck 3945-4146

<u>interval</u>	<u>units on mud logging unit</u>
3956-59	15 units
3990-95	8 "
4014-15	2 "
4114-18	8 "

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Skelly Oil Company
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo "Q" Well No. 1
 Location 660' FNL and 660' FWL
 Sec. 18 Twp. 38N Rge. 30E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Tribe Cont. No. 14-20-0603-10042
 5. Field or Pool Name Wildcat

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	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) <u>DST #1</u>	ABANDONMENT <input type="checkbox"/>
(OTHER) _____			

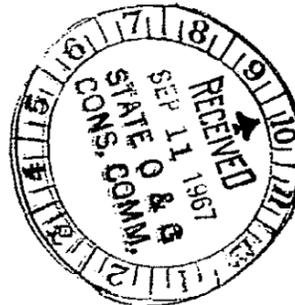
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)

Drill Stem Test No. 1 (Desert Creek) 3945-4146

Packer set at 3945'. 3/4" BC and 1" TC.

Tool open 15 minutes, very weak blow, died in 15 minutes. Closed tool 30 minutes, opened 1 hour, weak blow for 5 minutes and died. SI 30 minutes. Recovered in DP 15' of drilling mud, no show of oil or gas. IFP 0, FFP 0, ISIP 0, FSIP 0. Hyd. in and out 1879#.



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

Signed Leland H. Hargis Title District Superintendent 9-6-67

Permit No. 423

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

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Skelly Oil Company, 1860 Lincoln Street, Denver, Colorado 80203
 2. OIL WELL GAS WELL OTHER (Specify) _____
 3. Well Name Navajo "Q" Well No. 1
 Location 660' FNL & 660' FWL
 Sec. 18 Twp. 38 Rge. 30E County Apache, Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease Navajo Tribe Cont. No. 14-20-0603-10042

5. Field or Pool Name Wildcat

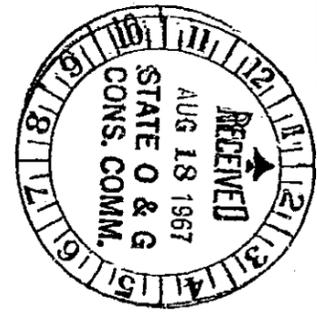
6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:			SUBSEQUENT REPORT OF:				
TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>	WATER SHUT-OFF	<input checked="" 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) <u>Spud</u>		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.)

Spudded 13^{3/4}" hole at 8:00 a.m 8/8/67. Drilled to TD 350'. Ran 11 joints (334') of 10^{3/4}" OD 32.75# H-40 "A" Condition casing and set at 345' KB. Cemented with 225 sacks of regular cement with 2% CaCl. Cement circulated to surface.



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

Signed [Signature]

Title District Superintendent, August 17, 1967

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

Permit No. _____

WELL SITE CHECK

By [Signature]
Date 8-9-67

Contractor [Signature] Person(s) Contacted Bob WILSTRUP

Spud Date _____
Type Rig _____ Rotary Cable Tool Present Operations Setting 10 3/4 @ 350

Samples _____
Pipe _____ Drilling with Air Mud

Water Zones _____ Size Hole _____

Lost Circ. Zones _____ Size Drill Pipe _____

Formation Tops _____ Type Bit _____

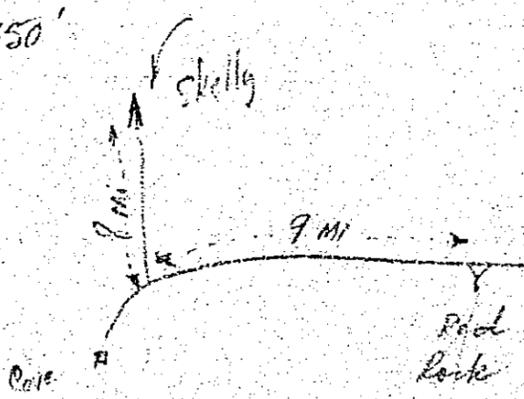
Cores, Logs, DST _____ No. Bit _____ Drilling Logs

Formation Chinle
Lithology _____

Crews _____

REMARKS, PHOTO, MAP

Top Chinle 205
Setting 10 3/4 @ 350'



WELL NAME Shelly 19 Navajo

Permit No. 423
Confidential: yes No

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

Skelly Oil Company

August 2, 1967

Address

City

State

1860 Lincoln Street

Denver

Colorado

80203

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number or name of lessor, if fee lease

Well number

Elevation (ground)

Navajo Contract No. 14-20-0603-10042

1

6704'

Well location and acreage dedicated to the well (give footage from section lines)

Section--township--range or block & survey

660' FNL & 660' FWL Section 18 W/2 NW/4 18 - 38N - 30E

Field & reservoir (if wildcat, so state)

County

Wildcat

Apache

Distance, in miles, and direction from nearest town or post office

Approximately 16 miles NW of Red Rock, Arizona

Nearest distance from proposed location to property or lease line:

Distance from proposed location to nearest drilling, completed or applied--for well on the same lease:

660' FNL of Section 18

feet

First Well

feet

Proposed depth:

Rotary or cable tools

Approx. date work will start

4650' (Precambrian)

Rotary

Number of acres in lease:

Number of wells on lease, including this well, completed in or drilling to this reservoir:

634

First Well

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

Name

Address

Status and amount of bond (2 copies)

Organization Report

Filing Fee of \$25.00

\$5,000.00 attached

On file Or attached on file

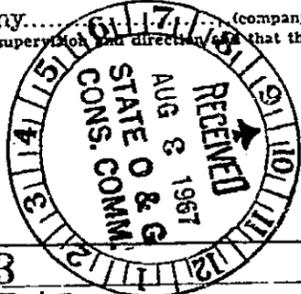
Attached draft # 4809

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)

It is our intention to drill Navajo "Q", Well No. 1 to a depth of 4650' to test the Precambrian. The pump and plug process will be used in cementing both strings of casing. The 5 1/2" OD casing will be perforated and the formation treated through perforations if necessary.

*Fill in Proposed Casing Program on reverse side

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



Edward J. Murray
Signature

August 2, 1967

Date

Permit Number: 423

Approval Date: 8-3-67

Approved By:

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

(Complete Reverse Side)

- 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 X
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO _____ If answer is "yes," Type of Consolidation Operating Agreement
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner Murphy Oil Co. 33 1/3%	Land Description All (fractional) Section 18-38N-30E
Aquitaine Oil Corp. 33 1/3%	

Section 18

See Attached

CERTIFICATION

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Name _____

Position
District Superintendent
Company
Skelly Oil Company

Date
July, 1967

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.

Date Surveyed
May 9, 1967

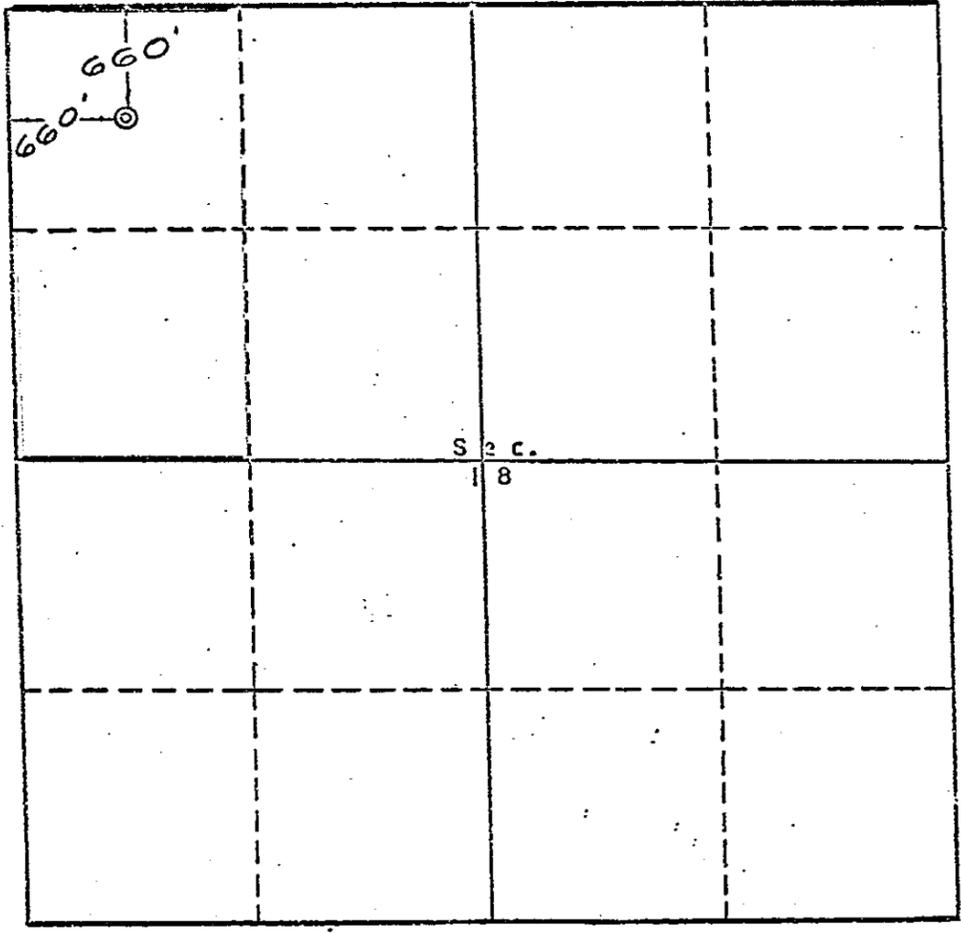
Registered Professional Engineer and/or Land Surveyor
See Attached

Certificate No. _____

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
10 3/4" OD	32.75#	H-40	Surface	300'	300' to Surface	200
5 1/2" OD	15.5#	J-55	Surface	4650'	4650' to 3950'	150

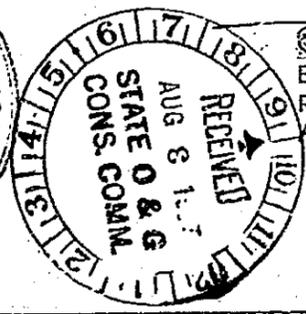
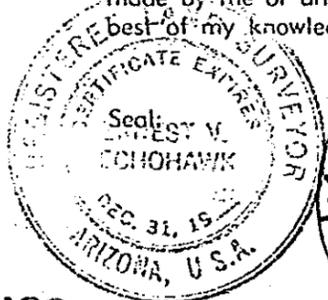
Company SKELLY OIL COMPANY
 Well Name & No. Navajo "Q" Well No. 1
 Location 660 feet from the North line and 660 feet from the West line.
 Sec. 18, T. 38 N., R. 30 E., G. & S. R. M., County Apache, Arizona
 Ground Elevation 6704



Scale, 1 inch = 1,000 feet

Surveyed May 9, 1967

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



Ernest V. Echohawk
 Ernest V. Echohawk
 Registered Land Surveyor
 Arizona Registration No. 2311



PERMIT TO DRILL

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

To: SKELLY OIL COMPANY
(OPERATOR)

to drill a well to be known as

SKELLY OIL #0-1 NAVAJO
(WELL NAME)

located 660' FNL and FWL (NW/4 NW/4)

Section 18 Township 38N Range 30E, Apache County, Arizona.

The W/2 NW/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 3rd day of August, 19 67.

OIL AND GAS CONSERVATION COMMISSION
By John Bannister
EXECUTIVE SECRETARY

PERMIT **Nº 423**
RECEIPT NO. **9513**

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill
FORM NO. 27

September 28, 1972

Ms. Doris Frank
Alexander & Alexander
Fifteen West Sixth Street
Tulsa, Oklahoma 74119

Re: Skelly Oil Company, Permit #423
Drilling Bond - Navajo "Q" Well No. 1
Apache County - Amt \$5,000. Eff 7-25-67
Federal Insurance Co. #8032-85-78

Dear Ms. Frank:

In reply to your letter of September 22, 1972 regarding the above referenced Bond, it may be entirely possible that Skelly had complied with all the Rules and regulations of the Oil and Gas Conservation Commission on September 3, 1967, however, according to our records this Commission was not notified that Skelly wished to cancel this Bond until such a request was received by this Commission on September 18, 1972.

We hope that this explains the matter to your and Skelly's satisfaction.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Alexander & Alexander, Inc.
Fifteen West Sixth Street
Tulsa, Oklahoma 74119
Telephone 918 584-1301

**Alexander
& Alexander**

September 22, 1972

Oil & Gas Conservation Commission
State of Arizona
1624 West Adams
Phoenix, Arizona 85005

Gentlemen:

SKELLY OIL COMPANY
Drilling Bond - Navajo "Q" Well No. 1
Apache County - Amt \$5,000, Eff 7/25/67
Federal Insurance Co. #8032-85-78

I believe you probably advised the surety on
September 19, 1972 that the above bond could be closed.

It was Skelly's understanding that the bond
was released on September 3, 1967 when the well was
plugged, and we would appreciate your advices on this.
Copy of the plugging record is attached for reference.

Thanks.

Very truly yours,

Boris Frank
Boris Frank

df/
enc.

cc: Mrs. Kathleen East
Federal Insurance Co
Dallas

RECEIVED
SEP 28 1972
O & G CONS. COMM.

4/2³

Form 9-311
(May 1963)

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

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

3. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo Tribe Cont. No.
14-20-C603-10042

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo HQ

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA
18-38N-30E

12. COUNTY OR PARISH 13. STATE
Apache Arizona

1. OIL WELL GAS WELL OTHER Dry Hole

2. NAME OF OPERATOR
Skelly Oil Company

3. ADDRESS OF OPERATOR
1860 Lincoln Street, Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
660' FWL and 660' FWL

14. PERMIT NO.
Arizona 423

15. ELEVATIONS (Show whether DV, ST, OR, etc.)
6704 Gr.

16. 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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON	<input type="checkbox"/>	ABANDONMENT	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

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

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

Ran open ended drill pipe and set cement plugs as follows:
 4600-4700' 30 sx cement; 3980-4080' 30 sx cement; 3310-3410' 30 sx cement;
 1440-1550' 30 sx cement; and 10 sx cement in top of 10-3/4" OD surfacing casing with 4-1/2" OD pipe dry hole marker. Intervals between plugs filled with heavy mud laden fluid.
 Well plugged and abandoned 9-3-67.

RECEIVED
 ROCKY MOUNTAIN DISTRICT OFFICE
 AUG 2 1968

RECEIVED
 SEP 1 1967
 U. S. GEOLOGICAL SURVEY

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

SIGNED Edward Henry TITLE District Superintendent DATE Sept. 7, 1967

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

423

AUG 7 1968
 P. T. McGRATH
 DISTRICT ENGINEER

*See Instructions on Reverse Side

BOND

KNOW ALL MEN BY THESE PRESENTS

BOND SERIAL NO. 8032-85-78

That we: SKELLY OIL COMPANY

of the County of: Tulsa in the State of: Oklahoma

as principal, and FEDERAL INSURANCE COMPANY

of New York, 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:

Navajo "Q" Well No. 1, Lease No. 00395
(May be used as blanket bond or for single well)

Center of NW/4 NW/4 Section 18-38N-30E, Apache County, Arizona

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 ----- (\$5,000.00)

Witness our hands and seals, this 25th day of July, 1967

Attest: SKELLY OIL COMPANY

Harvey C. Kerr Secretary By: L. L. Ryano Principal Vice President

Witness our hands and seals, this 25th day of July, 1967

Countersigned by: FEDERAL INSURANCE COMPANY

Tomalley Resident Agent By: Louis L. Greenlee Attorney-in-Fact Surety

(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 8-3-67

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

By: John Bonnist Permit No. 423

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION RECEIVED AUG 3 1967

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION

CANCELLED

DATE 9-19-72

ified Copy of
POWER OF ATTORNEY

Know all Men by these Presents, That the FEDERAL INSURANCE COMPANY, 90 John Street, New York, New York, a New Jersey Corporation, has constituted and appointed, and does hereby constitute and appoint

Doris L. Greenlee
J. H. Clain, Jr.
Edward A. Herhold
Thomas Byron Ramsey
Lionel Edmund Oliver
of
Tulsa, Oklahoma

each its true and lawful Attorney-in-Fact to execute under such designation in its name and to affix its corporate seal to and deliver for and on its behalf as surety thereon or otherwise, bonds of any of the following classes, to-wit:

1. Bonds and Undertakings (other than Fiduciary Bonds) filed in any suit, matter or proceeding in any Court, or filed with any Sheriff or Magistrate, for the doing or not doing of anything specified in such Bond or Undertaking, in which the penalty of the bond or undertaking does not exceed the sum of Fifty Thousand Dollars (\$50,000.00).
2. Surety Bonds to the United States of America or any agency thereof, including those required or permitted under the laws or regulations relating to Customs or Internal Revenue; License and Permit bonds or other indemnity bonds under the laws, ordinances or regulations of any State, City, Town, Village, Board or other body or organization, public or private; bonds to Transportation Companies, Lost Instrument bonds, Lease bonds, Workmen's Compensation bonds, Miscellaneous Surety bonds and bonds on behalf of Notaries Public, Sheriffs, Deputy Sheriffs and similar public officials.
3. Bonds on behalf of contractors in connection with bids, proposals or contracts to or with the United States of America, any State or political subdivision thereof or any person, firm or corporation.

In Witness Whereof, the said FEDERAL INSURANCE COMPANY has, pursuant to its By-Laws, caused these presents to be signed by its Vice President and Assistant Secretary and its corporate seal to be hereto affixed this 1st day of January 19 67.

FEDERAL INSURANCE COMPANY

By

Frederick C. Gardner

Frederick C. Gardner
Vice President

Walter LaForge

Walter LaForge
Assistant Secretary



STATE OF NEW YORK }
County of New York }

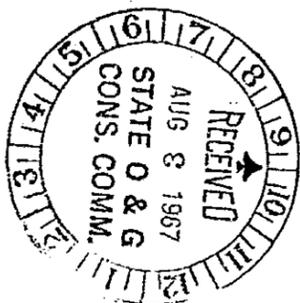
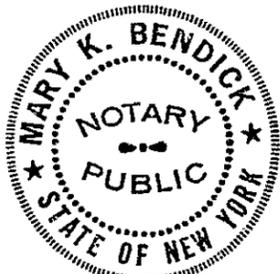
ss.:

On this 1st day of January 1967, before me personally came Walter LaForge, to me known and by me known to be Assistant Secretary of the FEDERAL INSURANCE COMPANY, the corporation described in and which executed the foregoing Power of Attorney and the said Walter LaForge being by me duly sworn, did depose and say that he resides in the City of New York, in the State of New York; that he is Assistant Secretary of the FEDERAL INSURANCE COMPANY and knows the corporate seal thereof; that the seal affixed to the foregoing Power of Attorney is such corporate seal and was thereto affixed by authority of the By-Laws of said Company and that he signed said Power of Attorney as Assistant Secretary of said Company by like authority; that he is acquainted with Frederick C. Gardner and knows him to be Vice President of said Company, and that the signature of said Frederick C. Gardner subscribed to said Power of Attorney is in the genuine handwriting of said Frederick C. Gardner and was thereto subscribed by authority of said By-Laws and in deponent's presence.

Acknowledged and Sworn to before me
on the date above written.

Mary K. Bendick

Notary Public



MARY K. BENDICK
NOTARY PUBLIC, State of New York
No. 24,028,796
Qualified in Kings County
Certificate filed in New York County
Commission Expires March 30, 1967

CANCELLED

DATE

9-19-72

1-5462 (SM)

CITY AND COUNTY OF NEW YORK: ss

I, the undersigned, Assistant Secretary of the FEDERAL INSURANCE COMPANY, do hereby certify that the following is a true excerpt from the By-Laws of the said Company as adopted by its Board of Directors on March 11, 1953 and amended January 2, 1964 and that this By-Law is in full force and effect.

"ARTICLE XIX.

Section 2. All bonds, undertakings, contracts, powers of attorney, and other instruments other than as above, for and on behalf of the Company which it is authorized by law or its charter to execute, may and shall be executed in the name and on behalf of the Company either by the Chairman or the Vice-Chairman or the President or a Vice-President, jointly with the Secretary or an Assistant Secretary, under their respective designations, except that any one or more officers or attorneys-in-fact designated in any resolution of the Board of Directors or the Executive Committee, or in any power of attorney executed as provided for in this section, may execute any such bond, undertaking or other obligation as provided in such resolution or power of attorney."

And I further certify that I have compared the foregoing copy of the POWER OF ATTORNEY with the original thereof and the same is a correct and true copy of the whole of said original Power of Attorney and that said Power of Attorney has not been revoked.

And I further certify that said FEDERAL INSURANCE COMPANY is duly licensed to transact fidelity and surety business in each of the States of the United States of America, Puerto Rico, and each of the Provinces of the Dominion of Canada with the exception of Prince Edward Island; and is also duly licensed to become sole surety on bonds, undertakings, etc., permitted or required by the laws of the United States.

Given under my hand and seal of said Company at New York, N. Y., this 25th day of

July 19 67

L. [Signature]
Assistant Secretary

September 19, 1972

Mrs. Kathleen East
Chubb/Pacific Indemnity Group
Mercantile Securities Building
Dallas, Texas 75201

Re: Federal Insurance Company
Bond No. 8032-85-78
Skelly Oil #Q-1 Navajo
NW/NW Sec 18-T38N-R30E
Apache County, Permit #423

Dear Mrs. East:

Skelly Oil Company has requested that the Oil and Gas Conservation Commission of the State of Arizona, release Bond No. 8032-85-78.

Skelly has complied with all rules and regulations of the Oil and Gas Conservation Commission, therefore, the Commission does hereby authorize release of subject bond.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

lcc - Mr. L. Franz, Skelly Oil Co.



SKELLY OIL COMPANY

September 8, 1972

EXPLORATION & PRODUCTION DEPARTMENT
ALASKA-ROCKY MOUNTAIN DISTRICT

E. R. (RAY) SMITH, EXPLORATION & PRODUCTION MANAGER
F. L. FRANZ, PRODUCTION MANAGER
C. D. WILLIAMS, EXPLORATION MANAGER

ADDRESS REPLY TO:
1088 LINCOLN TOWER BUILDING
1800 LINCOLN STREET
DENVER, COLORADO 80203

RE: FEDERAL INSURANCE COMPANY
BOND NO. 8032-85-78

Mr. W. E. Allen
Oil & Gas Conservation Commission
State of Arizona
4915 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Would you please authorize cancellation of the above referenced bond.

Thank you for your letter of September 6 concerning this bond.

Yours very truly,


R. L. Wyatt
District Administrative Coordinator

RLW/bp

423

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SEP 18 1972
O & G CONS. COMM.

September 6, 1972

Mr. L. Franz
Skelly Oil Company
1860 Lincoln Street
Denver, Colorado 80203

Re: Skelly Oil #Q-1 Navajo
NW/NW Section 18-T38N-R30E
Apache County
Permit No. (423)

Re: Federal Insurance Company
Bond No. 8032-85-78

Dear Mr. Franz:

Skelly is in complete compliance with our Rules and Regulations in the drilling, plugging, and abandonment of the above referenced well. Should your company so desire, the Commission will be pleased to authorize cancellation of the above referenced bond. Please advise.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb



CHUBB PACIFIC INDEMNITY GROUP

Mercantile Securities Building, Dallas, Texas 75201 • Phone: (214) 744-0331

August 28, 1972

State of Arizona
Oil & Gas Conservation Commission
1624 W. Adams
Phoenix, Arizona

Re: Federal Insurance Company Bond # 8032-85-78
on behalf of Skelly Oil Company -to- the
State of Arizona - \$5,000 Drilling Bond-
Navajo "Q" Well No. 1 - NW/4 NW/4 18-38 N-
30E, Apache County 423

Dear Sir:

We have been advised by the principal that this bond is no longer desired. Therefore, we wish to exercise our rights under the above captioned bond and be relieved of our liability as of the earliest possible date.

Please confirm the termination of our liability.

Very truly yours,

Kathleen East

(Mrs.) Kathleen East

/ke

cc: Mrs. Doris Frank
Alexander & Alexander, Inc.
Fifteen West Sixth Street
Tulsa, Oklahoma 74119

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SEP 01 1972

O & G CONS. COMM.



CHUBB CORPORATION COMPANIES: Chubb & Son Inc. • Federal Insurance Company • Pacific Indemnity Company
Colonial Life Insurance Company of America • Vigilant Insurance Company • Great Northern Insurance Company • Northwestern
Pacific Indemnity Company • Texas Pacific Indemnity Company • Federal Business Products, Inc. • Macro Services Corporation.

74

PHONE: 325-9232

641 WEST BROADWAY

FOUR CORNERS SAMPLE CUT ASSOCIATION

P. O. BOX 899
FARMINGTON, NEW MEXICO 87401

December 24, 1968

Oil & Gas Conservation Commission
State Of Arizona
Room 202
1624 West Adams
Phoenix, Arizona 85007

Dear Sir:

Samples from the following wells were shipped via Continental Trailways on Dec. 24, 1968

470 G.B. Cree #1 Hunt
423 Kelly #1 Navajo Q
461 ~~558~~ Buttes Oil & Gas #1-25 Navajo
448 Texaco #1 Navajo BF
462 El Paso #1-B La Posa

Yours truly

Jo Ratcliff
(Mrs.) Jo Ratcliff
Manager



423

PHONE: 325-9232

641 WEST BROADWAY

FOUR CORNERS SAMPLE CUT ASSOCIATION

P. O. BOX 899
FARMINGTON, NEW MEXICO 87401

December 3, 1968

Hello Jim:

This is a list of the Arizona wells which we have in the cut at present time.

Arkla Core test # 56 ✓
No Location

El Paso #1-B La Posa
10-7N-19W
Yuma Co.

Skelly #1 Navajo Q
18-38N-30E
Apache Co

Texaco #1 Navajo BF
26-6N-7W
Apache Co.

Apache #1 Santa Fe Crest
25-20N-27E
Apache Co.

Pennzoil #1 Hopi-11
11-29N-14W
Coconino Co.

Buttes Oil & Gas #1-14 Navajo Tite
14-7N-9W
Apache Co.

Buttes Oil & Gas #1-23 Navajo Tite
23-37N-27E
Apache Co.

The following two wells have been cut or in the process

Buttes Oil & Gas #1-25 Navajo
25-35N-28E
Apache Co.

G.B. Cree #1 Hunt
31-18N-20W
Navajo Co.



PHONE: 325-9232

641 WEST BROADWAY

FOUR CORNERS SAMPLE CUT ASSOCIATION

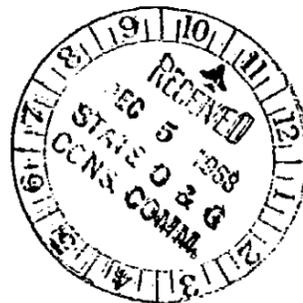
P. O. BOX 899
FARMINGTON, NEW MEXICO 87401

As for the list of wells which have been cut through the years I will see what I can come up with as soon as possible and send to you.

Again, let me say will appreciate any help you can give me in getting the Arizona wells to the cut, and if I can be of assistance to you let me know.

Sincerely,

Jo Ratcliff





SKELLY OIL COMPANY

Denver, Colorado
December 27, 1967

EXPLORATION DEPARTMENT
ROCKY MOUNTAIN DISTRICT
WM. R. KENDALL, DIST. MANAGER
R. C. DICKINSON, DIST. GEOLOGIST
B. J. MADDOX, DIST. LANDMAN

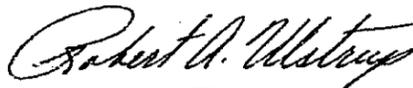
ADDRESS REPLY TO:
EXPL. DEPT.-RKY MTH. DIST.
LINCOLN TOWER BUILDING
1860 LINCOLN STREET
DENVER, COLORADO 80203

Mr. Jim Scurlock
State of Arizona Oil & Gas Commission
1624 West Adams
Room 202
Phoenix, Arizona 85007

Dear Jim:

As you requested, our Production Department filled out the completion forms on our Navajo Q, Section 18-38N-30E Apache Co., Arizona.

Three cartons of samples are being forwarded by bus express. Please keep this information confidential for the allowed time of six months after completion date.


Robert A. Ulstrup

RAU:fv

Enclosure

