

**FILE NOTATIONS**

Entered in NID File

✓

Checked by Chief

✓

Entered on S R Sheet

✓

Copy NID to Field Office

✓

Location Map Pinned

✓

Approval Letter

✓

Card Indexed

✓

Disapproval Letter

IWR for State or Fee Land

**COMPLETION DATA:**

Date Well Completed

10-23-57

Location Inspected

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released

GW \_\_\_\_\_ OS \_\_\_\_\_ PA X

State of Fee Land

**LOGS FILED**

Driller's Log

11-21-57

Electric Logs (No. )

6

E ✓

I

E-I

GR ✓

GR-N ✓

Micro

Lat

Mi-L ✓

Sonic

Others

Tracers  
Radioactivity

1-8-92  
JLC

- Well Log Filed
- Gas-Oil Ratio Test
- Water Shut-Off Test
- Affidavit and Record of A & P
- Pin changed on location map
- operations suspended
- Date Completed, P, & A, or
- Approval or Disapproval Letter
- Location map pinned
- Noted in the NID File
- Scout Report sent out

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P, & A, or operations suspended
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

11-18-59  
 10-26-59 P&A

*Proposed to re-enter well & attempt to complete as an oil producer - 9-2-59*  
*Completed 10-26-59 - W.D.A*

## STATE OF UTAH

Lease No. 146029  
FORM OCCC-1OIL AND GAS CONSERVATION COMMISSION  
NOTICE OF INTENTION TO DRILLOIL AND GAS CONSERVATION COMMISSION  
Navajo Indian Tribal Lands "F"

FortWorth, Texas, July 26, 19 57

In compliance with Rule G-4, notice is hereby given that it is our intention to commence the work of drilling Well No. 4, which is located 790 feet from xxx line and 600 feet from xxx line of Sec. 29, Twp. 40-S, R. 25-E, SLM (Meridian), Aneth (Field or Unit), San Juan (County), on or about the 29th day of July 19 57.

LAND: Fee and Patented (x)  
State ( )  
Lease No. \_\_\_\_\_  
Public Domain ( )  
Lease No. \_\_\_\_\_

Name of Owner  
of Patent or Lease The Texas Company  
Address P.O.Box 1720  
Fort Worth, Texas

Is location a regular or exception to spacing rule? Regular Has a surety bond been filed? Yes With whom? Indian Land-Federal Area in drilling unit? -  
(State or Federal)

Elevation of ground above sea level is 5001 feet. All depth measurements taken from top of Derrick Floor which is 11' feet above ground.  
(Derrick Floor, Rotary Table or Kelly Bushing)

Type of tools to be used Rotary Proposed drilling depth 5900 feet.  
Objective Formation is Lower Hermosa Surface Formation is \_\_\_\_\_

## PROPOSED CASING PROGRAM

Size of Casing Inches A. P. I.	Weight per foot	Grade and Type	Amount Ft. In.	Top	Bottom	Cementing Depth
9-5/8"	32.30#	New	1200'	0	1200'	1200'
5-1/2"	14.0#	New	5500'	0	5500'	
5-1/2"	15.5#	New	400'	5500'	5900'	5900'

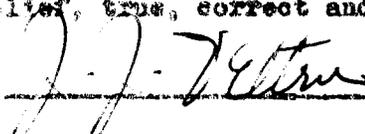
1500 sacks cement to be used

## AFFIDAVIT

I hereby certify under the penalty of perjury, that the information contained and statements herein made are to the best of my knowledge and belief, true, correct and complete.

Approved \_\_\_\_\_

By



J.J. Velten

Date \_\_\_\_\_ 19 \_\_\_\_\_

Division Civil Engineer  
(Title or Position)

By \_\_\_\_\_

The Texas Company  
(Company or Operator)

Title \_\_\_\_\_

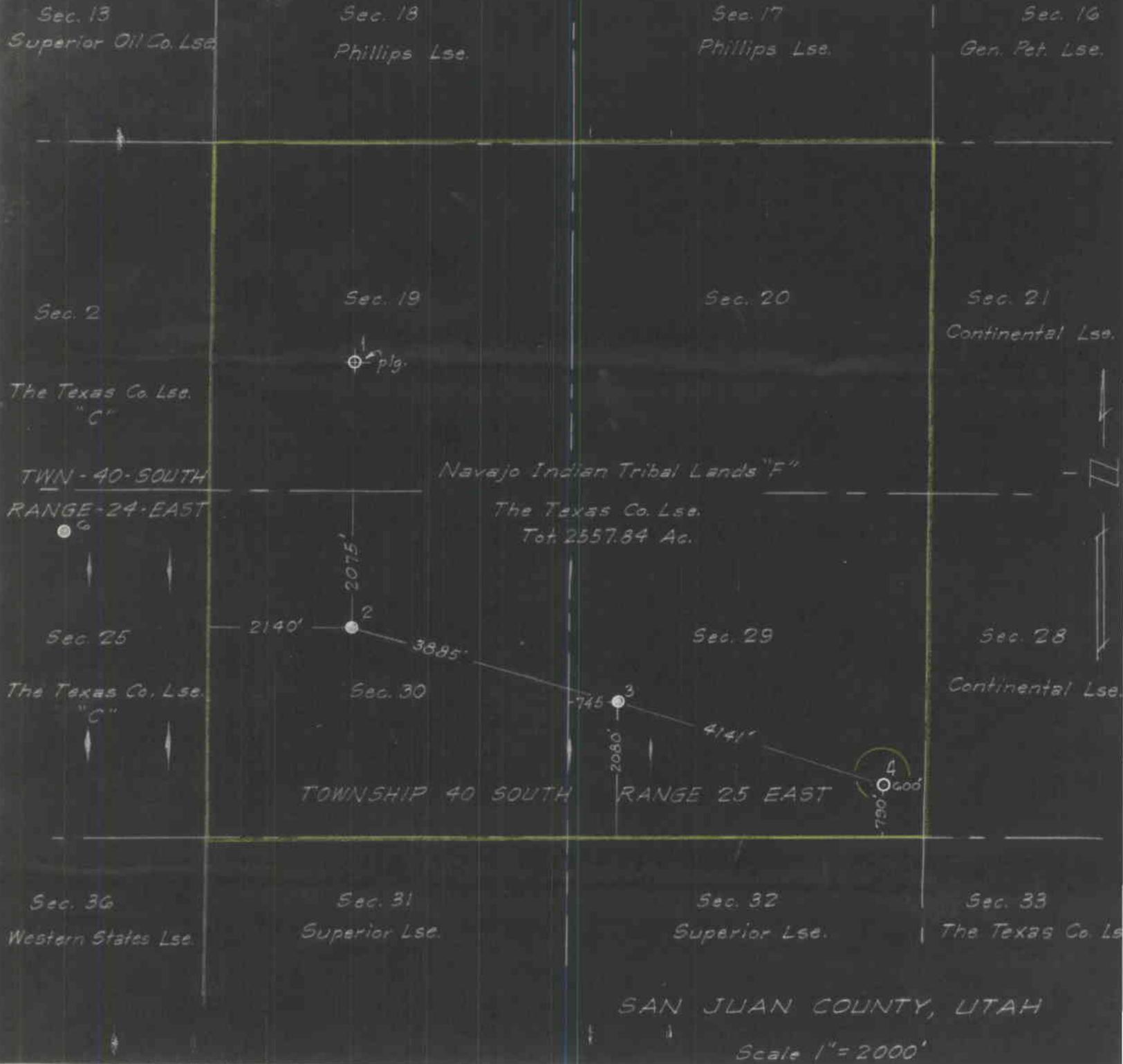
Address P.O.Box 1720  
Fort Worth, Texas

aah

## INSTRUCTIONS:

- Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Room 140, State Capitol Building, Salt Lake City, Utah.
- A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.
- Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the Commission as soon as available.
- Use back of form for remarks.

Navajo Indian Tribal Lands



This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

*J. D. Yellow*

Division Civil Engineer  
The Texas Company

Registered Professional Engineer - State of Texas

July 29, 1957

The Texas Company  
P. O. Box 1720  
Fort Worth, Texas

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo F-4, which is to be located 790 feet from the south line and 600 feet from the east line of Section 29, Township 40 South, Range 25 East, SH1M, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

Yours very truly,

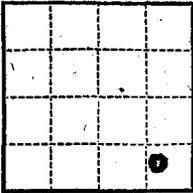
OIL & GAS CONSERVATION COMMISSION

CLEON B. FERRETT  
SECRETARY

CBF:cn

cc: Phil McGrath  
USGS, Farmington, New Mex.

Don Russell  
USGS, SID, Utah



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Navajo

Tribal

Allottee \_\_\_\_\_

Lease No. L-149-IND-2639

*Noted  
C. G. H.  
8-28-57*

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

August 20, 1957

Navajo Indian Tribal Lands "F"

Well No. 4 is located 660 ft. from S line and 660 ft. from W line of sec. 29

SE 1/4 Sec. 29 40-S 25-E 31M  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Arath San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5012 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 11:00 A.M. August 8, 1957.  
Drilled 12-1/2" hole to 1512' and cemented 1502' of 9-5/8" OD casing at 1512' with 800 sacks pozmix and 200 sacks Neat Cement. Tested with 1000# before and after drilling plug. Tested O.K.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

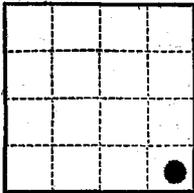
Company The Texas Company

Address Box 1271

Pampa, Texas

By \_\_\_\_\_

Title Ass't. Dist. Supt.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Navajo

Tribal

Allottee \_\_\_\_\_

Lease No. I-149-IND-8039

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 23, 1957

**Navajo Indian Tribal Lands "y"**  
Well No. 4 is located 660 ft. from SW line and 660 ft. from E line of sec. 29

SE 1/4 of Sec. 29      40-S      25-E      SLM  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Arath      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 5012 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**Drilled 8-3/4" hole to 6006' and cemented 5995' of 5-1/2" O.D. casing at 6006' with 500 sacks of cement and 800 gallons sealment. Top of cement 4505'. Tested casing with 800# pressure for 30 minutes. Tested O.K.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

Address Box 817

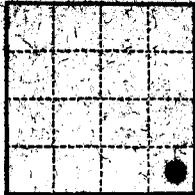
Farmington, New Mexico

By [Signature]

Title Dist. Sup't.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo  
Tribal



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. X-149-IND-5899

*Noted  
CASH  
11-25*

**SUNDRY NOTICES AND REPORTS ON WELLS**

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 18, 1957

**Navajo Indian Tribal Lands "F"**

Well No. 4 is located 660 ft. from S line and 660 ft. from E line of sec. 29

SE 1/4 of Sec. 29      40-S      25-E      SLM  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)

Ariz      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 5012 ft.

**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**Total Depth 6006'. Plugged Back Depth 5703'.**

Perforated 5-1/2" casing from 5885' to 5925' and 5930' to 5940' with 6 jets per foot. Set packer at 5790' and acidized perforation with 500 gallons mud acid followed by 2000 gallons 15% regular acid. Unseated packer and after swabbing lead oil, swabbed 160 barrels of salt water in 24 hours with no oil. Ran radio-activity log which indicated no communication. Set retainer at 5865' and squeezed perforations 5885' to 5925' and 5930' to 5940' with 100 sacks cement. Perforated 5-1/2" casing from 5728' to 5739' and 5786' to 5794' with 6 shots per foot. Set packer at 5437' and acidized perforations with 500 gallons mud acid (over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Texas Company

Address P. O. Box 817  
Farmington, New Mexico

By [Signature]  
Title Dist. Sup't.

*W*

followed by 2000 gallons regular 15% acid. Swabbed well down and reacidized perforations with 4000 gallons regular 15% acid. After swabbing lead oil, well produced salt water. Set cement retainer at 5703' and squeezed perforations 5729' to 5739' and 5780' to 5794' with 125 sacks cement. Completed well as a dry hole 10-22-57 with abandonment being deferred pending future development of field. 5-1/2" casing capped as required by U.S.G.S.

USGS(3)0000-FILE

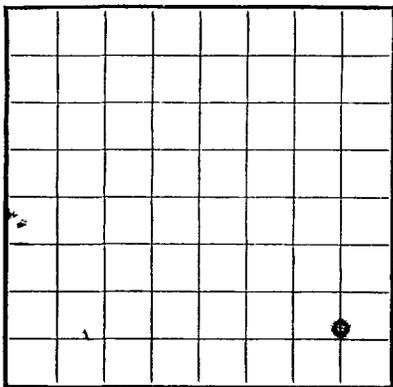
NOV 21 1957

DEPARTMENT OF THE INTERIOR

UNITED STATES GEOLOGICAL SURVEY

15

**Navajo Indian**  
 U. S. LAND OFFICE  
 SERIAL NUMBER **1-149-IND-8839**  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

7-5  
 11-25

## LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address Box 817, Farmington, N. M.  
Navajo Indian Tribal  
 Lessor or Tract Lands "T" Lease Field Aneth State Utah  
 Well No. 4 Sec. 29 T. 40-S R. 25-E Meridian SLM County San Juan  
 Location 660 ft. <sup>[N.]</sup><sub>[EX]</sub> of S Line and 660 ft. <sup>[EX]</sup><sub>[W.]</sub> of E Line of Section 29 Elevation 5012'  
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed \_\_\_\_\_

Date November 18, 1957 Title Dist. Sup't.

The summary on this page is for the condition of the well at above date.

Commenced drilling August 8, 1957 Finished drilling October 25, 1957

### OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

### CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9-5/8	32.3	8R	Sals	1500	Baker	None			
5-1/2	14	8R	Sals	750	Baker	None			
5-1/8	19.9	8R	Sals	695	Baker	None			

### MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	1512	1000	Halliburton		
5-1/2	6005	500	Halliburton		

### PLUGS AND ADAPTERS

Heaving plug—Material None Length \_\_\_\_\_ Depth set \_\_\_\_\_  
 Adapters—Material None Size \_\_\_\_\_

FOLD MARK

FOLD MARK

9-5/8	1512	1000	Halliburton
5-1/2	6005	500	Halliburton

**PLUGS AND ADAPTERS**

Heaving plug—Material **None** Length **--** Depth set **--**  
 Adapters—Material **None** Size **--**

**SHOOTING RECORD**

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<b>None</b>						

**TOOLS USED**

Rotary tools were used from **0** feet to **6005** feet, and from **--** feet to **--** feet  
 Cable tools were used from **None** feet to **--** feet, and from **--** feet to **--** feet

**DATES**

**November 18**, 19**57** Put to producing **Dry hole**, 19**57**  
 The production for the first 24 hours was **None** barrels of fluid of which **--**% was oil; **--**% emulsion; **--**% water; and **--**% sediment. Gravity, °Bé. **--**  
 If gas well, cu. ft. per 24 hours **--** Gallons gasoline per 1,000 cu. ft. of gas **--**  
 Rock pressure, lbs. per sq. in. **--**

**EMPLOYEES**

**G. L. Wallis**, Driller **J. R. Justice**, Driller  
**H. E. Wells**, Driller

**FORMATION RECORD**

FROM--	TO--	TOTAL FEET	FORMATION
0	54	54	Surface Rock
54	915	861	Sand & Shale
915	1240	325	Red Bed
1240	1397	157	Shale
1397	1462	65	Sand, Shale & Red Bed
1462	1512	50	Red Bed
1512	2470	958	Sand & Shale
2470	2642	172	Shale
2642	2707	65	Red Bed & Sand
2707	2839	132	Sand & Shale
2839	2949	110	Shale & Lime
2949	2990	41	Sand & Shale
2990	3162	172	Shale
3162	3255	93	Sand & Shale
3255	3366	111	Shale
3366	3425	59	Sand & Shale
3425	3492	67	Shale
3492	3632	140	Sand, Shale & Red Bed
3632	3787	155	Red Bed & Shale
3787	3815	28	Shale
3815	3865	50	Shale & Red Bed
3865	4165	300	Shale
4165	4221	56	Shale & Red Bed
4221	4645	424	Shale
4645	4695	50	Shale & Anhydrite

(OVER)

10-43094-4

NOV 21 1957

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
4695	4732	37	Shale & Red Bed
4732	4787	55	Shale
4787	4876	89	Lime & Shale
4876	4957	81	Lime
4957	5430	473	Lime & Shale
5430	5537	107	Shale
5537	5845	308	Lime & Shale
5845	5954	109	Lime, Shale & Dolomite
5954	6006	52	Shale

Total Depth 6006'  
Plugged Back Depth 5703'

HOLE SIZE

0 to 1512' - 12-1/2"  
1512' to 6006' - 8-3/4"

DEVIATION TESTS

550' - 1°	3580' - 1/4°
920' - 1/4°	4000' - 3/4°
1650' - 1°	4530' - 1/4°
1961' - 1/2°	4986' - 0°
2600' - 1/4°	5110' - 0°
3075' - 3/4°	5640' - 1/4°

FORMATION TOPS

Chinle	1764'
Shinarump	2720'
Moenkopi	2767'
Cutler	2874'
Organ Rock	3006'
Hermosa	4842'
Paradox	5994'

Core #1 from 5707' to 5747'	Recovered 34'	Lime & Shale.
Core #2 from 5747' to 5766'	Recovered 14'	Cherty Lime.
Core #3 from 5766' to 5771'	Recovered 4'	Lime.
Core #4 from 5771' to 5801'	Recovered 27'	Lime & Shale.
Core #5 from 5801' to 5845'	Recovered 47'	Lime.
Core #6 from 5848' to 5894'	Recovered 42'	Lime, Shale & Dolomite.
Core #7 from 5894' to 5945'	Recovered 50'	Lime, Shale & Dolomite.
Core #8 from 5945' to 5984'	Recovered 25'	Lime & Shale.
Core #9 from 5984' to 6006'	Recovered 22'	Lime & Shale.

DST #1 from 5885' to 5945'. Tool opened 1-1/2 hours with weak blow of air for 1 hour and died. Recovered 35' of drilling mud with no show of oil or gas.

NIT measurements from derrick floor, 11' above ground.

show of oil or gas.

All measurements from derrick floor, 11' above ground.

SPACE AND VOLUMES

WIDENING AND ENLARGING SPACES

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

After drilling to 6006' and cementing 5-1/2" casing, top of cement plug was found to be at 5954'. Perforated 5-1/2" casing from 5885' to 5925' and 5930' to 5940' with 6 jets per foot. Set packer at 5790' and acidized perforations with 500 gallons mud acid followed by 2000 gallons 15% regular acid. Unsented packer and after swabbing load oil, swabbed 160 barrels of salt water in 24 hours with no oil. Ran radioactivity log which indicated no communication. Set retainer at 5893' and squeezed perforations 5893' to 5925' and 5930' to 5940' with 100 sacks cement. Perforated 5-1/2" casing from 5728' to 5739' and 5786' to 5794' with 6 shots per foot. Set packer at 5437' and acidized perforations with 500 gallons mud acid followed by 2000 gallons regular 15% acid. Swabbed well down and reacidized perforations with 4000 gallons regular 15% acid. After swabbing load oil, well produced salt water. Set cement retainer at 5703' and squeezed perforations 5729' to 5739' and 5780' to 5794' with 125 sacks cement. Completed well as a dry hole 10-22-57 with abandonment being deferred, pending future development of field. 5-1/2" casing capped as required by U.S.G.S.

The information given hereon is a summary of the work done on this well and is not intended to be a complete record of the well. It is the property of the U.S.G.S. and is loaned to you for your information only. It is not to be distributed outside your organization without the written consent of the U.S.G.S.

FOUR LE WETT CORRECTED

Table with 4 columns and 10 rows, likely a log or data table.

LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR UNITED STATES

Form 9-331 b  
(April 1952)

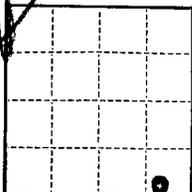
(SUBMIT IN TRIPPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. I-149-Ind-8839



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	X	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	X	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Navajo Tribe "F" \_\_\_\_\_ September 2 \_\_\_\_\_, 19 59

Well No. 4 is located 280 ft. from N line and 660 ft. from E line of sec. 29

S of S 29 40-S 25-E S  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Anoh (Field) San Juan (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5012 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We propose to re-enter this well and attempt to complete same as an oil producer. The procedure for this operation is as follows:

Drill out retainer and cement to 5860'. Perforate 5-1/2" casing from 5845' to 5855' and squeeze lower Ismay Zone with approximately 100 sacks of Latex Cement. Drill out retainers and cement to 5935'. Perforate and test sections 5886' to 5891', 5902' to 5912' and 5916' to 5924'.

This report is to confirm verbal approval received by telephone.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO INC.

Address Box 817

Farmington, New Mexico

By [Signature]

Title District Superintendent

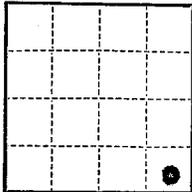
(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No. **I-149-IND-8839**



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Navajo Tribe "F"** \_\_\_\_\_ **October 13** \_\_\_\_\_, 19 **59**

Well No. **4** is located **790** ft. from **DN** line and **600** ft. from **E** line of sec. **29**

**SE** of **Sec. 29** \_\_\_\_\_ **40-S** \_\_\_\_\_ **25-E** \_\_\_\_\_ **San Juan** \_\_\_\_\_  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

**Arath** \_\_\_\_\_ **San Juan** \_\_\_\_\_ **Utah** \_\_\_\_\_  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5012** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

This report filed to record correct location of well. Previous reports for this well erroneously showed location as 660' from South and East lines of Section 29, Township 40-S, Range 25-E, San Juan County, Utah. The correct location is 790' from South line and 600' from East line of Section 29, Township 40-S, Range 25-E, San Juan County, Utah.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXACO INC.**

Address **Box 817**

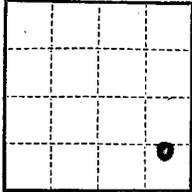
**Farmington, New Mexico**

By *C. H. McLeod*

Title **Asst. Dist. Supt.**

(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_  
Lease No. **I-149-IND-8839**

*[Handwritten signature]*

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	X
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	X
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 24, 1959

Navajo Tribe "F"  
Well No. 4 is located 790 ft. from N line and 600 ft. from E line of sec. 29  
SE 1/4 of Sec. 29      40-S      25-E      SLM  
(1/4 Sec. and Sec. No.)      (Twp.)      (Range)      (Meridian)  
Aneth      San Juan      Utah  
(Field)      (County or Subdivision)      (State or Territory)

The elevation of the derrick floor above sea level is 5012 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Commenced recompletion operations August 30, 1959. Drilled out re-  
tainer at 5703' and cement to 5860'. Perforated 5-1/2" casing from  
5845' to 5855' with 4 jet shots per foot. Set retainer at 5700' and  
squeezed perforations with 50 sacks of cement. Drilled out retainer  
at 5700', cement to 5866', retainer at 5866' and cement to 5942'.  
Perforated 5-1/2" casing from 5916' to 5924'. Acidized perforations  
with 1000 gallons of regular 15% acid. After swabbing load oil,  
swabbed 100% salt water. Ran tracer survey. Set retainer at 5890'  
and attempted to pressure up on same. Perforations 5845' to 5855'  
were found to be broken down. Perforated 5-1/2" casing from 5845'  
to 5855' with 4 jet shots per foot. Set retainer at 5695' and spotted  
300 gallons of mud acid on perforations. Retainer failed to hold.

(over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company TEXACO Inc.

Address Box 817

Farmington, New Mexico

By [Signature]

Title Asst. Dist. Supt.

NOV 3 0 1959

Drilled out retainer at 5695'. Set retainer at 5650' and acidized perforations 5845' to 5855' with 250 gallons of mud acid. Squeezed perforations 5845' to 5855' with 50 sacks of cement. Drilled out retainer at 5650'. Swabbed 50 barrels of fresh water from perforations 5916' to 5924' and swabbed well dry. Reperforated 5-1/2" casing from 5916' to 5824' with 2 - 80 gram shots per foot. Attempted to break formation down with 1000 gallons of regular 15% acid, packer failed. Set retainer at 5870' and acidized perforations 5816' to 5824' with 1000 gallons of regular 15% acid. After swabbing lead oil, swabbed 100% salt water. Fished mandrel out of retainer and squeezed perforations 5816' to 5824' with 50 sacks of Latex Cement. Drilled out retainer at 5870' cement to 5953', retainer at 5953' and cement to 5970'. Perforated 5-1/2" casing from 5947' to 5951' and 5956' to 5960' with 4 jet shots per foot. Acidized perforations with 200 gallons of regular. After swabbing, reacidized perforations with 1000 gallons of regular 15% acid. Swabbed 100% salt water. Attempted to squeeze perforations 5947' to 5951' and 5956' to 5960' with 100 sacks of cement. Upper perforations broke down. Set retainer at 5680' and resqueezed perforations with 100 sacks of cement. Drilled out retainer at 5680' and cement to 5926'. Perforated 5-1/2" casing with sand drill with 6000# sand and 14,700 gallons of water from 5886' to 5891' and 5902' to 5912'. After swabbing, acidized perforations with 1000 gallons of regular 15% acid. Swabbed lead oil and swabbed well dry. Reacidized perforations with 2000 gallons of regular 15% acid. Swabbed 100% salt water. Completed well as a dry hole 10-26-59. This well is now being held as a possible salt water disposal well, and therefore, abandonment is being deferred. The 5-1/2" casing was capped as required by the USGS.

UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

16

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. 1-149-Ind.-8839
2. NAME OF OPERATOR The Superior Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Drawer 'G', Cortez, Colorado 81321		7. UNIT AGREEMENT NAME McElmo Creek Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 790' FSL & 600' FEL, Section 29, T40S, R25E, SLM		8. FARM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 5014' KB	9. WELL NO. #Q-08
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE SE Sec 29, T40S, R25E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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

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

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

Notice of intent to plug and abandon MCU well #Q-08.  
Will run 2-7/8" working string to 5925' and equalize 50 sacks Class 'A' cmt with 3% CaCl.  
Will then raise tubing to 4600' and equalize 50 sacks Class 'A' cmt. After perforating 1573-75' with four jets per foot will run tubing to 1575' and equalize 50 sacks Class 'A' cmt. Will raise tubing to 1000' and squeeze perfs 1573-75' with cement top to 1450'. Will then set 25 sack surface plug and install regulation surface marker. Location will then be prepared for inspection.

MCU well #Q-08 was completed as a dry hole October 22, 1957. After swabbing salt water from the Ismay and Desert Creek Zone I the abandonment was deferred pending field development. The well was re-entered August 1959 and after extensive testing all potential producing zones proved to be water saturated. The well is of no apparent use to McElmo Creek Unit as either a producer or injector.

Depth: 5926' PBDT

Casing: 9-5/8", 32.3#, H-40 Smls set at 1512'.  
5-1/2", 14# & 15.5#, J-55 Smls set at 6006' with 500 sacks cmt. Cmt top at 4505'.

Perforations: 5886-91', 5902-12'

Formation tops:	Chinle	1764'
	Shinarump	2720'
	Moenkopi	2767'
	Cutler	2874'
	Organ Rock	3006'
	Hermosa	4842'
	Paradox	5994'

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

SIGNED D. D. Kingman TITLE District Engineer DATE 9/24/71

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

JPN/nh

\*See Instructions on Reverse Side  
cc: State, USGS, Franques, Broussard, Hurlbut, File

DATE 10-12-71  
BY Fault Dunchell

January 25, 1972

Superior Oil Company  
Drawer "G"  
Cortez, Colorado

Gentlemen:

This letter is to advise you that the "Subsequent Report of Abandonment" for the following wells is due and has not yet been filed with this office:

McElmo Creek Unit Q-24 - 17-41S-25E - San Juan Co.

McElmo Creek Unit Q-08 - 29-40S-25E - San Juan Co.

Rule D-2, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed within thirty (30) days after the plugging of any well has been accomplished.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

SCHEREE DeROSE  
SUPERVISING STENOGRAPHER

:sd

W

**THE SUPERIOR OIL COMPANY**

P. O. DRAWER G  
CORTEZ, COLORADO 81321

January 31, 1972

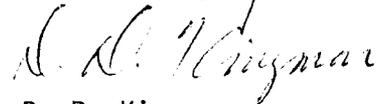
State of Utah  
Div. of Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

SUBJECT: MCU #Q-08 29-40S-25E  
MCU #Q-24 17-41S-25E  
San Juan County, Utah

Gentlemen:

McElmo Creek Unit wells #Q-08 and #Q-24 have not yet been plugged. We now anticipate performing this work this summer.

Very truly yours,

  
D. D. Kingman

DDK/njh

File

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIP  
(Other instructions  
reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

1-149 Ind. 8839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

MCU #Q-08

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

SE SE Sec. 29, T40S, R25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**  
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL  GAS WELL  OTHER  **Dry Hole**

2. NAME OF OPERATOR  
The Superior Oil Company *Superior*

3. ADDRESS OF OPERATOR  
P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
790' FSL & 600' FEL, Section 29, T40S, R25E, SLM

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5014' KB

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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Elevation: 5014' KB	<u>Formation Tops:</u> Chinle 1764'
Depth: 6006' TD, 5926' PBD	Shinarump 2720'
Casing: 9-5/8" 32.3# H-40 Smls @ 1512'	Moenkopi 2767'
5-1/2" 14# & 15.5# J-55 Smls @ 6006' w/500 sx to 4505'	Cutler 2874'
Perfs: 5886-91', 5902-12'	Organ Rock 3006'
	Hermosa 4842'
	Paradox 5994'

7/6/72 Ran tubing to 5925', equalized 50 sx Class 'A' cement to 5463'. Top cement @ 5701' With tubing at 4600' mixed and equalized 50 sx Class 'A' cement 4600-4168'. Perf'd 1573-75' with 2 jets per ft. With tubing at 1575', mixed & equalized 50 sx cmt 1575-1113'. With tubing at 1000' squeezed away one bbl cmt. Set 25 sx surface plug.

9/8/72 Dry marker set. Location prepared for inspection. ✓

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

SIGNED D. D. Kingman TITLE District Engineer DATE 9/27/72

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: