

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief RLS

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 3-27-61 Location Inspected \_\_\_\_\_

OW  WW \_\_\_\_\_ TA \_\_\_\_\_ Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA \_\_\_\_\_ State of Fee Land \_\_\_\_\_

LOGS FILED

Driller's Log 5-24-61

Electric Logs (No. 14)

E  I  E-I \_\_\_\_\_ GR \_\_\_\_\_ GR-N  Micro

Lat. \_\_\_\_\_ Mi-L \_\_\_\_\_ Sonic \_\_\_\_\_ Other Radiation & Gamma Log

#3-27-62, This well is classified as a water injection well & is now shut-in waiting on water injection line. Started injecting on April, 1962

(SUBMIT IN TRIPLICATE)

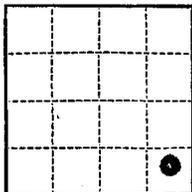
Indian Agency \_\_\_\_\_

Contract No. **I-149-Ind-8839**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. \_\_\_\_\_



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<b>XX</b>	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.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Lease No. **146029**  
Navajo Tribe "F" Lease

December 23, 19 **60**

Well No. **19** is located **500** ft. from **XX** line and **310** ft. from **E** line of sec. **19**  
**SE/4 Sec. 19** **T-40-S** **R-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 **4933** 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)

OBJECTIVE FORMATIONS:	DEPTH	SIZE CASING			CASING PROGRAM (Approx.)	
		SIZE	WT	NEW	Set at	Cement
Top of Chinle	1632'					
" Organ Rock	2824'	13-3/8"	40#	New	90'	100 sx.
" Hermosa	4665'	7-5/8"	24#	New	1500'	1000
" Ismay	5492'	4-1/2"	9.5#	New	5770'	200
" Desert Cr.	5660'					
Total Depth	5780'					

NOTE: Scratchers & centralizers to be installed through Aneth & Ismay zones. Cement on prod. string to be tailed in w/50 sx. latex.

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

Company **TEXACO Inc.**  
**P.O. Box 3109**  
**Midland, Texas**  
 Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**TEXACO Inc.**  
 By *Joy Whisenant*  
**Joy Whisenant**  
**Assistant Division Manager**  
 Title \_\_\_\_\_

(SUBMIT IN TRIPPLICATE)

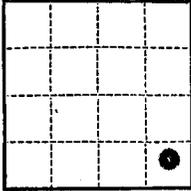
Indian Agency \_\_\_\_\_

Contract No. **I-149-Ind-8839**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. \_\_\_\_\_



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<b>XX</b>	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.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

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

Lease No. **146029**  
Navajo Tribe "P" Lease

December 23, 19 **60**

Well No. **19** is located **500** ft. from **XX** line and **810** ft. from **E** line of sec. **19**  
SE/4 Sec. 19 T-40-S R-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 **4933** 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)

OBJECTIVE FORMATIONS:	DEPTH	SIZE CASING			CASING PROGRAM (Approx.)	
		SIZE	WT	LEN	Set at	Cement
Top of Chinle	1632'					
" " Organ Rock	2824'	13-3/8"	48#	New	90'	100 sx.
" " Hermosa	4665'	7-5/8"	24#	New	1500'	1000
" " Ismay	5492'	4-1/2"	9.5#	New	5770'	260
" " Desert Cr.	5660'					
Total Depth	5780'					

NOTES: Scratchers & centralizers to be installed through Aneth & Ismay zones. Cement on prod. string to be tailed in w/50 sx. latex.

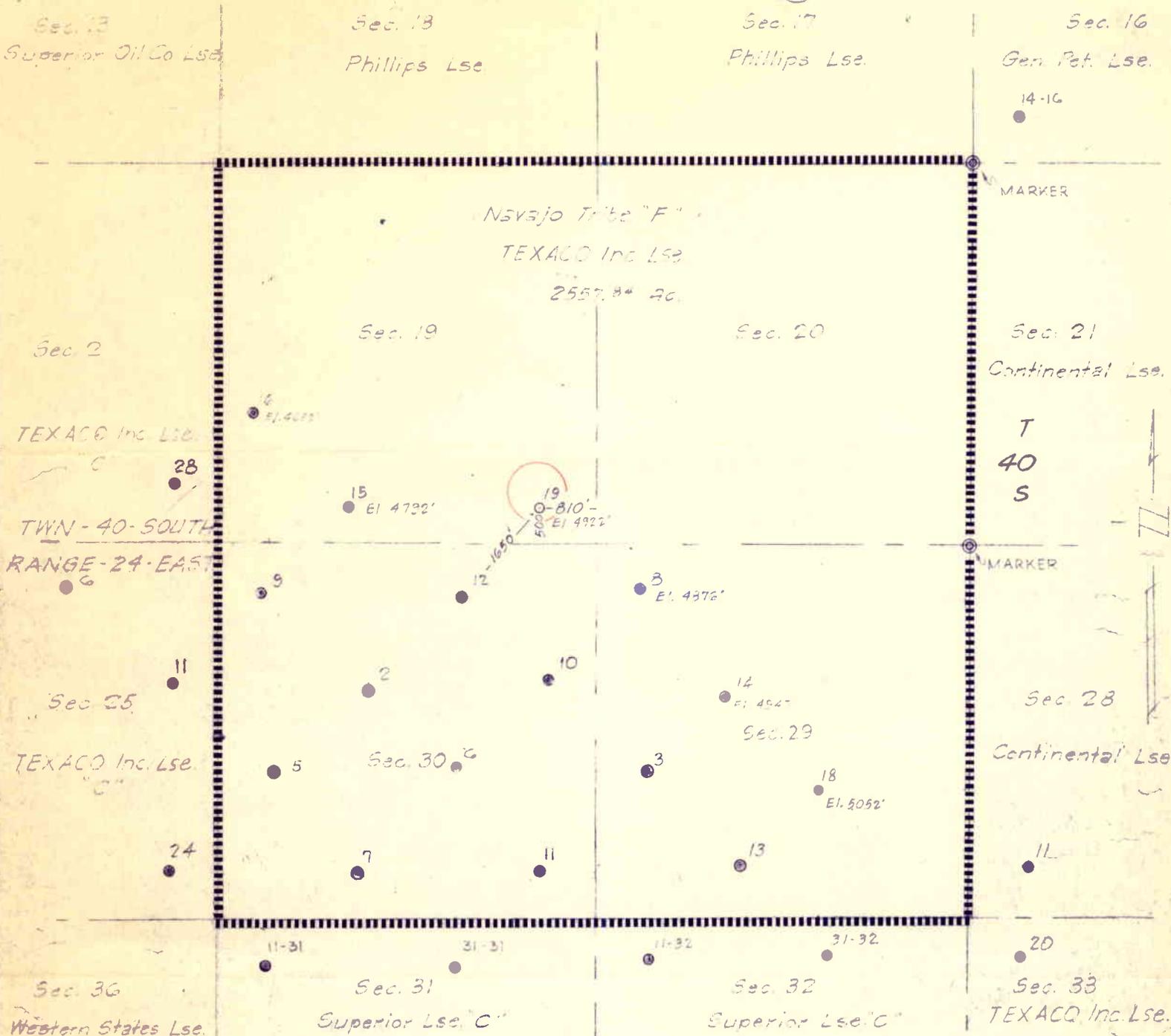
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **TEXACO Inc.**  
**P.O. Box 3109**  
Address **Midland, Texas**

**TEXACO Inc.**

By *Ray Whisenant*  
**Ray Whisenant**  
Assistant Division Manager

Title \_\_\_\_\_



R-25-E

SAN JUAN COUNTY, UTAH

Scale 1" = 2000'

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.

*W. C. Phelps*  
 Head Draftsman

December 28, 1960

Texaco Inc.  
P. O. Box 3109  
Midland, Texas

Attention: Roy Whisenant, Asst. Div. Manager

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tribe "F" 19, which is to be located 500 feet from the south line and 810 feet from the east line of Section 19, Township 40 South, Range 25 East, S1EM, San Juan County, Utah.

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

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,  
EXECUTIVE SECRETARY

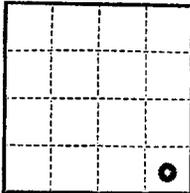
CBF:awg

cc: P. T. McGrath, Dist. Eng.  
U. S. Geological Survey

H. L. Coonts - OGSC, Moab

(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.....	<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)

February 17, 1961

Navajo Tribe "F"  
Well No. 19 is located 500 ft. from S line and 810 ft. from E line of sec. 19

SE 1/4 of Sec. 19      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 4933 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 3:00 A.M., February 3, 1961.

Drilled 9-7/8" hole to 1515' and cemented 1502' of 7-5/8" casing at 1512' with 700 sacks of cement. Cement circulated. 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 TEXACO Inc.

Address P. O. Box 810

Farmington, New Mexico

By [Signature]

Title District Superintendent

118

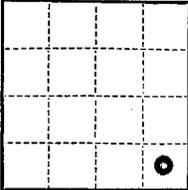
(SUBMIT IN TRIPLICATE)

an 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	<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)

March 17, 19 61

Navajo Tribe "F"

Well No. 19 is located 500 ft. from S line and 810 ft. from E line of sec. 19

SE $\frac{1}{4}$  of Sec. 19      40-S      25-E      SLM  
( $\frac{1}{4}$  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 4933 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 6-3/4" hole to 5898' and cemented 5888' of 4-1/2" O.D. casing at 5898' with 700 sacks of cement. Tested casing with 1000# 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 TEXACO Inc.

Address P. O. Box 810

Farmington, New Mexico

By [Signature]

Title District Superintendent

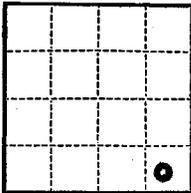
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. I-149-DND-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 _____	X
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)

\_\_\_\_\_ May 22 \_\_\_\_\_, 1961

Navajo Tribe "P"

Well No. 19 is located 500 ft. from S line and 810 ft. from E line of sec. 19

SE<sup>1</sup> of Sec. 19      40-S      25-E      SLM  
(<sup>1</sup>/<sub>4</sub> 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 4933 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 5898'. Plugged back depth 5857'.

Perforated 4-1/2" casing from 5892' to 5897' with 2 shots per foot. Acidized perforations with 500 gallons of NE-LST acid. After recovering acid water, swabbed 9 barrels of fluid per hour, 80% salt water and 20% oil. Perforated 4-1/2" casing from 5820' to 5824' and 5828' to 5834' with 4 jet shots per foot. Set bridge plug at 5857' and packer at 5751'. Acidized perforations 5820' to 5834' with 200 gallons NE-LST acid. After recovering acid water, swabbed 56 barrels of oil and 196 barrels of salt water in 23 hours. Ran tracer survey which indicated water was coming from bottom perforations. Set packer at 5689' and squeezed (Cont'd. on reverse side)

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 P. O. Box 810

Farmington, New Mexico

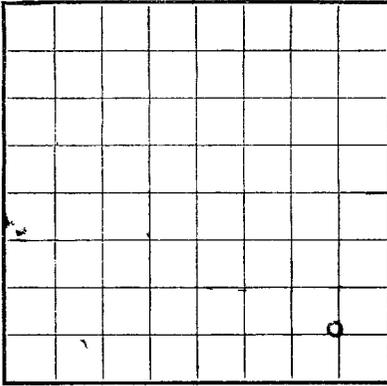
By R. G. Wilson

Title Unit Superintendent

perforations 5820' to 5834' with 75 sacks of cement. Cleaned out well to top of bridge plug at 5857' and tested casing with 2000# pressure for 10 minutes, tested O.K. Perforated 4-1/2" casing with abrasajet tool at 5832' and 5823' with 4 holes at each setting. Set packer at 5755' and swabbed 27 barrels of oil in 7 hours and swabbed well dry. Treated perforations with 100 gallons of XFW acid. After swabbing, reacidized perforations with 2000 gallons of XFW acid. Acidized perforations a third time with 5000 gallons of Petrofrac Acid. Installed pumping equipment and commenced pumping well.

Navajo

U. S. LAND OFFICE  
 SERIAL NUMBER 1-149-INS-8839  
 LEASE OR PERMIT TO PROSPECT \_\_\_\_\_



LOCATE WELL CORRECTLY

UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company TEXACO Inc. Address Box 810, Farmington, N. M.  
 Lessor or Tract Navajo Tribe "F" Field Desert Creek State Utah  
 Well No. 19 Sec. 19 T. 40-S R. 25-S Meridian CLM County San Juan  
 Location 500 ft. N. of 3 Line and 810 ft. W. of 6 Line of Section 19 Elevation 4933'  
(Elevation 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 [Signature]  
 Date May 23, 1961 Title Unit Superintendent

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

Commenced drilling February 3, 1961 Finished drilling February 24, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5323' to 5333' 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—	
7-5/8	24	8	SA	150	maker	_____			
4-1/2	18	8	SA	150	maker	_____			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-5/8	1512	700	Halliburton		
4-1/2	5893	250	Halliburton		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

FOLD MARK

FOLD | MA

**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
<u>None</u>						

**TOOLS USED**

Rotary tools were used from 0 feet to 5898 feet, and from -- feet to -- feet  
 Cable tools were used from None feet to -- feet, and from -- feet to -- feet

**DATES**

Tested March 29, 1961 Put to producing March 27, 1961  
 The production for the first 24 hours was 41 barrels of fluid of which 86 % was oil; -- % emulsion; 12 % water; and -- % sediment. Gravity, °Bé. 41.0  
 If gas well, cu. ft. per 24 hours -- Gallons gasoline per 1,000 cu. ft. of gas --  
 Rock pressure, lbs. per sq. in. -- Pump test, 13.7 84" strokes per minute.

**EMPLOYEES**

G. V. Bills, Driller H. D. Reges, Driller  
Jack O'Neal, Driller

**FORMATION RECORD**

FROM	TO	TOTAL FEET	FORMATION
0	35	35	Sand & Shells
35	410	375	Anhydrite, Lime & Sand
410	1019	609	Sand & Shells
1019	1518	499	Sand, Shale & Red Bed
1518	2733	1215	Sand & Shale
2733	2904	171	Shale
2904	3277	373	Shale & Sand
3277	4744	1467	Shale
4744	5770	1026	Lime & Shale
5770	5821	51	Dolomite, Anhydrite & Lime
5821	5872	51	Lime, Anhydrite & Shale
5872	5898	26	Lime & Dolomite
Total Depth 5898'			
Plugged Back Depth 5857'			

FOLD MARK

PHODING RECORD	DEPT	NO	DATE
HOBING DEPT	NO	NO	DATE
WATER AND WASTE			
NO	NO	NO	NO
NO	NO	NO	NO
MODING AND CEMENTING RECORD			

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

### HISTORY OF OIL OR GAS WELL

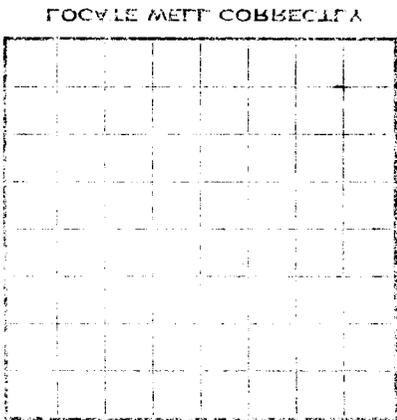
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its 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.

DATE	TIME	NO							
------	------	----	----	----	----	----	----	----	----

### CASING RECORD

After drilling to total depth of 5898' and cementing 4-1/2" casing, cement plug was drilled out to 5897'. Perforated 4-1/2" casing from 5892' to 5897' with 2 snots per foot. Acidized perforations with 500 gallons of NE-LST acid. After recovering acid water, swabbed 9 barrels of fluid per hour, 30% salt water and 20% oil. Perforated 4-1/2" casing from 5820' to 5824' and 5828' to 5834' with 4 jet snots per foot. Set bridge plug at 5857' and packer at 5751'. Acidized perforations 5820' to 5834' with 200 gallons NE-LST acid. After recovering acid water, swabbed 56 barrels of oil and 196 barrels of salt water in 23 hours. Run tracer survey which indicated water was coming from bottom perforations. Set packer at 5689' and squeezed perforations 5820' to 5834' with 75 sacks of cement. Cleaned out well to top of bridge plug at 5857' and tested casing with 2000# pressure for 10 minutes, tested O.K. Perforated 4-1/2" casing with abrasajet tool at 5832' and 5823' with 1/4" holes at each setting. Set packer at 5755' and swabbed 27 barrels of oil in 7 hours and swabbed well dry. Treated perforations with 100 gallons of XFW acid. After swabbing, reacidized perforations with 2000 gallons of XFW acid. Acidized perforations a third time with 5000 gallons of Petrofac Acid. Installed pumping equipment and commenced pumping well.

Name of Driller: \_\_\_\_\_ Title: \_\_\_\_\_ State: \_\_\_\_\_  
 Company: \_\_\_\_\_ Address: \_\_\_\_\_



## LOC OF OIL OR GAS WELL

GEOLOGICAL SURVEY  
DEPARTMENT OF THE INTERIOR  
UNITED STATES

Name of Driller at Location: \_\_\_\_\_  
 Name of Company: \_\_\_\_\_  
 Name of State: \_\_\_\_\_

**FORMATION RECORD—Continued**

(O&EB)

JC-32004-3

FROM—	TO—	TOTAL FEET	FORMATION
-------	-----	------------	-----------

FORMATION TOPS

Navajo	976'
Chinle	1672'
Organ Rock	2904'
Hermosa	4750'
Ismay	5587'
Desert Creek	5772'

Formation tops as per EL.

HOLE SIZE

0	to 1515'	- 9-7/8"
1515'	to 5898'	- 6-3/4"

Core #1, 5770' to 5821'. Recovered 49-1/2' of Dolomite, Anhydrite and Lime.

Core #2, 5821' to 5872'. Recovered 51' of Lime, Anhydrite and Shale.

Core #3, 5872' to 5895'. Recovered 23' of Lime and Dolomite.

EMPLOYEES

All rock measurements from derrick floor, 10' above ground.

DATES

TOOLS USED

FORMATION RECORD

PAGE AND NUMBER

FORM 100

(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	X
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	
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)

March 27, 1962

Aneth Unit

Well No. M419 is located 500 ft. from S line and 810 ft. from E line of sec. 19

SE 1/4 of Sec. 19  
(1/4 Sec. and Sec. No.)

40-S  
(Twp.)

25-E  
(Range)

SLM  
(Meridian)

Aneth  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4933 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)

Moved in pulling unit and commenced workover 1-23-62. Ran tubing with bit and drilled out retainer and cement plug to 5890'. Perforated 4-1/2" casing from 5852' to 5885' with 2 jets per foot. Reran tubing with bit and drilled out cement from 5890' to 5897'. Set retrievable bridge plug at 5888' and packer at 5840'. Treated perforations from 5852' to 5885' with 500 gallons of NELST acid and 3000 gallons of emulsified acid. After completing treatment, pulled tubing with packer and bridge plug. Ran 2-3/8" plastic lined tubing with Baker Injection Packer and set packer at 5766'. Put inhibitor behind packer and tested with 1000# pressure. Packer tested OK. Completed workover and shut well in 1-26-62. This well

(Continued on reverse side)

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 P. O. Box 810

Farmington, New Mexico

By \_\_\_\_\_

Title District Superintendent

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions reverse side)

Form approved.  
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

8. NAME OF LEASEE

Aneth Unit

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

M-419

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

Aneth

12. COUNTY OR TERRITORY

San Juan

Utah

13. STATE

**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  Water Injector

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR TEXACO Inc. - Producing Dept. - Rocky Mtns.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface Box 810, Farmington, New Mexico 87401

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4933 DF

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(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.)\*

Propose to abandon well because it is of no further economic benefit to the Desert Creek as a producing or injection well. The Ismay pay is too low structurally for oil production. Procedure will be to spot 25 sx cx plug from 5897 (PETD) to 5700'. Fill hole with mud and perf. 4 shots @ 2900'. Squeeze 50 sx cx into perfs leaving 100 ft. of cx inside csg. across perfs. Spot 10 sx cx plug @ surface, erect marker and cleanup location. Working interest approvals to P&A have been received.

APPROVED BY DIVISION OF  
OIL & GAS CONSERVATION

DATE 10-7-71  
BY Robert Buckell

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

SIGNED [Signature]

TITLE District Superintendent

DATE 10-1-71

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions on Reverse Side

USGS(3)OGCC(2)Navajo Tribe-HHB-GLE-WLW-Superior Oil  
(Cortez)

SLC

3

January 25, 1972

Texaco Inc.  
Box 810  
Farmington, New Mexico 87401

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:*

*Aneth Unit K419 - 19-40S-25E - San Juan County  
Aneth Unit J319 - 19-40S-25E - San Juan County  
Aneth Unit K229 - 29-40S-25E - San Juan County  
Aneth Unit M419 - 19-40S-25E - San Juan County*

*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 is greatly appreciated.*

*Very truly yours,*

DIVISION OF OIL AND GAS CONSERVATION

SCHEREE DeROSE  
SUPERVISING STENOGRAPHER

:sd

# TEXACO



PETROLEUM PRODUCTS

February 3, 1972

P. O. Box 2100  
Denver, Colorado 80201

ANETH UNIT  
PLUGGING AND ABANDONMENT  
6.31

State of Utah  
Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

Gentlemen:

Reference is made to your January 25, 1972, letter requesting Subsequent Reports of Abandonment for Aneth Unit Well Nos. K-419, J-319, K-229 and M-419.

It was necessary to revise our procedure and the wells have not been plugged yet. The U.S.G.S. requested an additional plug be placed, therefore, a new Notice of Intent to Abandon will be forthcoming.

Our Farmington District office has been realigned and future correspondence to the undersigned should be directed to P. O. Box 2100, Denver, Colorado 80201, Telephone number 825-7261, Extension 234.

Yours very truly,

  
G. L. EATON  
District Superintendent

PTS:KSR

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

6-31(W)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

F-149-IND-8839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Arith Unit

8. FARM OR LEASE NAME

9. WELL NO.

M-419

10. FIELD AND POOL, OR WILDCAT

Arith Field

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

19-T40S-R25E-S04

12. COUNTY OR PARISH

San Juan

13. STATE

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

2. NAME OF OPERATOR  
TEXACO Inc - Prod. Dept - Rocky Mtn. U.S.

3. ADDRESS OF OPERATOR  
Box 2100, Denver, Colorado, 80201

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

500' f/S. + 810' f/E. Lines

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4933 DF

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

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

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

Well will be plugged + abandoned as follows:  
 Squeeze perf. interval from 5820 to 5897 w/ 50 s4 cement. Leave ex inside csg. to 5720. Fill hole w/ mud + mud must fill csg. between ex plugs. Perf. csg. w/ 4 jet shots @ 2870. + squeeze w/ 50 s4 ex + leave ex inside csg. to 2770. Perforate csg. w/ 4 jet shots @ 1612 + squeeze w/ 50 s4 of ex leaving ex inside csg. to 1462. Cut off csg. + place 10 s4 ex plug @ surface covering both production casing + prod-surface casing annulus. Erect dry hole marker + clean up location.

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

SIGNED [Signature]  
(This space for Federal or State office use)

TITLE District Superintendent APPROVED BY DIVISION OF OIL & GAS CONSERVATION

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

TITLE \_\_\_\_\_ DATE 2-25-72 BY [Signature]

\*See Instructions on Reverse Side

USGS(3) OGC(2) Navajo Tribe - HNB-GLE-WLW - Superior Oil Co. ports

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1474

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 Water Injection

2. NAME OF OPERATOR  
TEXACO Inc.

3. ADDRESS OF OPERATOR  
P.O. Box EE, Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
500' from South line & 810' from East line.

14. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4933' DF

5. LEASE DESIGNATION AND SERIAL NO.  
I-149-IND. 8839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
\_\_\_\_\_

9. WELL NO.  
M419

10. FIELD AND POOL, OR WILDCAT  
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARMA  
19-40S-25E SLM

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 type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	

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

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

10-18-73. MIRU. Ran 180 jts. 2-3/8" EUE tbg. Set @ 5022'. Spotted 50 sx. cement across perfs. raised tubing 25 jts. and squeezed with 9 bbls. flush @ 950 PSI, leaving cement top @ 5668'. Perforated 4 1/2 csg. @ 2870' with 4 shots per foot, spotted 50 sx. cement across pers, raised tbg. 25 jts. & squeezed with 4 bbls. flush @ 1000 PSI. Perforated 4 1/2" csg. @ 1612' with 4 shots per ft. Spotted 50 sx across perfs., raised tbg 25 jts. and squeezed with 6 bbls. flush @ 1000 PSI. Pulled tbg. and set 10 sx. surface plug. Cut off csg. head. Erected dry hole marker and cleaned up location.

*Comp - 3-161  
Sug - 4-162  
TD - 5898'*

*43-037-16336*

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

SIGNED Alvin R. Many TITLE Field Foreman DATE 12-31-73

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side