

# 11/13/79- Subsequent report of convertin- to water injection well.

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A. or operations suspended 10-20-57
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

**FILE NOTATIONS**

Entered in NID File <input checked="" type="checkbox"/>	Checked by Chief <input checked="" type="checkbox"/>
Entered on S & R Sheet <input checked="" type="checkbox"/>	Copy NID to GRM Office <input checked="" type="checkbox"/>
Location Map Pinned <input checked="" type="checkbox"/>	Approval Letter <input checked="" type="checkbox"/>
Card Indexed <input type="checkbox"/>	Disapproval Letter <input type="checkbox"/>
IWR for State or Fed Land <input type="checkbox"/>	Location Impacted <input type="checkbox"/>
COMPLETION STATUS	Borehole <input type="checkbox"/>
Date Well Completed <u>10-20-57</u>	State of Fed Land <input type="checkbox"/>
GW <input type="checkbox"/> OS <input type="checkbox"/> FA <input type="checkbox"/>	
	<b>LOGS FILED</b>
Driller Log <u>11-18-57</u>	GRN <input type="checkbox"/> Micro <input type="checkbox"/>
Electric Logs (No. <u>1</u> ) <input type="checkbox"/>	Others <u>Radioactivity Log</u>
Gamma <input type="checkbox"/> Sonic <input type="checkbox"/>	

STATE OF UTAH  
OIL AND GAS CONSERVATION COMMISSION

FORM OGGC-1

NOTICE OF INTENTION TO DRILL

Lease No. 146028

Navajo Indian Tribal Lands "C"  
OIL AND GAS CONSERVATION COMMISSION

Fort Worth, Texas, August 15, 1957

In compliance with Rule C-4, notice is hereby given that it is our intention to commence

the work of drilling Well No. 9, which is located 2080 feet from  
(N) line and <sup>NW SE</sup> 1980 feet from (E) line of Sec. 23, Twp. 40-S, R. 24-E, S.L.M.  
(S) (Meridian)  
ANETH, San Juan, on or about the \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_\_\_.  
(Field or Unit) (County)

LAND: Fee and Patented (X) Name of Owner  
State ( ) of Patent or Lease THE TEXAS COMPANY  
Lease No. \_\_\_\_\_ Address P. O. Box 1720  
Public Domain ( ) \_\_\_\_\_  
Lease No. \_\_\_\_\_ Fort Worth 1, 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 4897 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 Aneth. Surface Formation is Jurassic.

PROPOSED CASING PROGRAM

Size of Casing Inches A. P. I.	Weight per Foot	Grade and Type	Amount Ft. In.	Top	Bottom	Cementing Depths
8-5/8"	24.0#	New	1450	0	1450	1450'
4-1/2"	11.6#	New	5900	0	5900	5900'

REMARKS:

1,500 sacks of 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 \_\_\_\_\_ J. J. Velten  
Division Civil Engineer  
(Title or Position)  
By \_\_\_\_\_ THE TEXAS COMPANY  
(Company or Operator)  
Title \_\_\_\_\_ Address P. O. Box 1720  
Fort Worth 1, Texas

wlh

INSTRUCTIONS:

1. 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.
2. 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.
3. 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.
4. Use back of form for remarks.



August 19, 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 C-9, which is to be located 2080 feet from the south line and 1980 feet from the east line of Section 23, Township 40 South, Range 24 East, SLBM, 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

GLEON B. FEIGHT  
SECRETARY

GBF:cn

cc: Phil McGrath  
USGS, Farmington,  
New Mexico

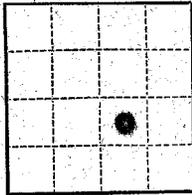
DR-USGS

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo  
Tribal

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_  
Lease No. X-149-IND-9838



*Noted  
Catt  
10-24-57*

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

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

October 21, 19 57

Navajo Indian Tribal Lands "C"  
Well No. 9 is located 2080 ft. from S line and 1980 ft. from E line of sec. 23

SE 1/4 of Sec. 23      40-S      24-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 4908 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 8:00 P.M., 9-17-57.

Drilled 12-1/4" hole to 1500' and cemented 1490' of 8-5/8" O.D. casing at 1500' with 1000 sacks 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 The Texas Company  
Address P. O. Box 817  
Farmington, New Mexico

By [Signature]  
Title Dist. Sup't.

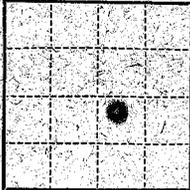
(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo**  
**Tribal**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee

Lease No. **1-149-IND-8838**



SUNDRY NOTICES AND REPORTS ON WELLS

*Noted  
cont  
11-6*

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 30, 19 57

**Navajo Indian Tribal Lands "C"**

Well No. **9** is located **2000** ft. from **S** line and **1900** ft. from **E** line of sec. **23**

**SW 1/4** of Sec. **23**  
(1/4 Sec. and Sec. No.)

**40-S**  
(Twp.)

**24-E**  
(Range)

**SLM**  
(Meridian)

**Arath**  
(Field)

**San Juan**  
(County or Subdivision)

**Utah**  
(State or Territory)

The elevation of the derrick floor above sea level is **4908** 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 5922' and cemented 5907' of 4-1/2" O.D. casing at 5907' with 500 sacks cement. Top of cement 5920'. Tested casing with 800' pressure for 30 minutes. Tested ) .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

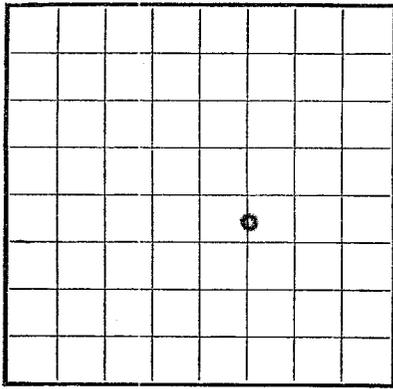
Title

**Dist. Sup't.**

*W*

NOV 18 1957

Navajo Indian  
U. S. LAND OFFICE  
SERIAL NUMBER I-149-IND-8838  
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Noted  
11-20  
H

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 817, Farmington, N. M.  
Navajo Indian Tribal  
Lessor or Tract Lands "C" Lease Field Aneth State Utah  
Well No. 9 Sec. 23 T. 40-S R. 24-E Meridian SLM County San Juan  
Location 2080 ft. N of S Line and 1980 ft. E of E Line of Section 23 Elevation 4908  
(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 C. H. McLeod

Date November 14, 1957 Title Asst. Dist. Sup't.

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

Commenced drilling September 17, 1957 Finished drilling October 20, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5632 to 5814 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—	
3-5/8	21	32	Sals	1490	Baker	None			
4-1/2	25	32	Sals	1000	Baker	None			
4-1/2	25	32	Sals	400	Baker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	1500	1000	Halliburton		
4-1/2	5307	500	Halliburton		

PLUGS AND ADAPTERS

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

Adapters—Material None Size \_\_\_\_\_

SHOOTING RECORD

FOLD MARK

FOLD MARK

3-5/8	1500	1000	Halliburton
4-1/2	3907	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
None						

**TOOLS USED**

Rotary tools were used from 0 feet to 3922 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

\_\_\_\_\_, 1957 Put to producing November 14 Tested October 20 1957  
 The production for the first 24 hours was 1278 barrels of fluid of which 98 % was oil; 2 %  
 emulsion; \_\_\_\_\_ % water; and \_\_\_\_\_ % sediment. Gravity, °Bé. 38.0  
 If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_  
 Rock pressure, lbs. per sq. in. \_\_\_\_\_

**EMPLOYEES**

\_\_\_\_\_, Driller G. W. Rowlett, Driller  
 \_\_\_\_\_, Driller V. H. Alderman, Driller  
D. R. Newman

**FORMATION RECORD**

FROM—	TO—	TOTAL FEET	FORMATION
0	476	476	Sand & Lime
476	1690	1214	Sand & Lime
1690	2071	381	Shale
2071	3043	972	Sand & Shale
3043	3288	245	Shale
3288	3673	385	Sand & Shale
3673	3800	127	Shale
3800	3990	190	Sand & Shale
3990	4251	261	Shale
4251	4441	190	Sand & Shale
4441	4761	320	Shale
4761	5084	323	Lime & Shale
5084	5127	43	Lime
5127	5337	210	Lime & Shale
5337	5511	174	Lime & Sand
5511	5600	89	Lime & Shale
5600	5668	68	Lime
5668	5800	132	Lime, Shale & Sand
5800	5922	122	Lime
Total Depth 5922'			
Plugged Back Depth 5881'			

WELL WORK

MUDDING AND CEMENTING RECORD					
Depth	Material	Quantity	Remarks	Time	Notes

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.

Case No.	Depth	Material	Quantity	Remarks	Time	Notes

CASING RECORD

No. 1 Flow 5922' to 5817' No. 2 Flow 5817' to 5774'

After drilling to 5922' and cementing 4-1/2" casing, top of cement plug was found to be at 5817'. Drilled cement to 5881' (F.B.T.D.) and perforated 4-1/2" casing from 5881' to 5898', 5720' to 5763' and 5774' to 5814'. Acidized perforations with 500 gallons mud acid followed by 2000 gallons regular 15% acid. After swabbing, well flowed 213 barrels of 38° gravity oil in 4 hours.

OIL OR GAS SANDS OR ZONES

Commenced drilling \_\_\_\_\_ Finished drilling \_\_\_\_\_

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

Date \_\_\_\_\_ Date \_\_\_\_\_

so far as can be determined from all available records.

The information given herewith is a complete and correct record of the well and all work done thereon.

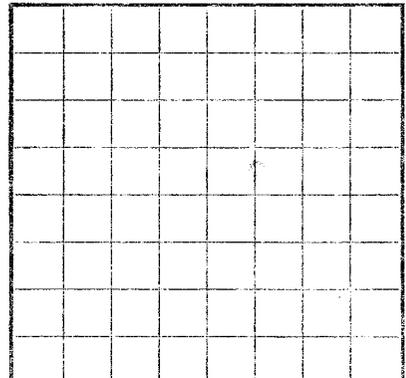
Location \_\_\_\_\_ of \_\_\_\_\_ Line and \_\_\_\_\_ of \_\_\_\_\_ Elevation \_\_\_\_\_

Well No. \_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Meridian \_\_\_\_\_ County \_\_\_\_\_

Lessor of Tract \_\_\_\_\_ Field \_\_\_\_\_ State \_\_\_\_\_

Company \_\_\_\_\_ Address \_\_\_\_\_

LOCATE WELL CORRECTLY



LOG OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

NOV 18 1957

PLEASE OR RETURN TO PROGRESSIVE  
 SERVICE NUMBER  
 U. S. BUREAU OF MINERAL RESOURCES

**FORMATION RECORD—Continued**

FROM—	TO—	TOTAL FEET	FORMATION
			<b>HOLE SIZE</b>
			0 to 1500' - 12-1/4"
			1500' to 5922' - 6-3/4"
			<b>DEVIATION TESTS</b>
		605'	- 1-1/4°
		954'	- 1°
		1408'	- 1°
		2043'	- 2°
		2556'	- 1-1/4°
		3008'	- 2°
		3470'	- 1°
		3960'	- 1°
		4575'	- 3/4°
		5029'	- 1/4°
		5450'	- 3/4°
		5625'	- 1/4°
			<b>FORMATION TOPS</b>
			Chinle - - - - - 1656'
			Shinarump - - - - - 2547'
			Moenkopi - - - - - 2640'
			DeChelly - - - - - 2800'
			Organ Rock - - - - - 2910'
			Hermosa - - - - - 4718'
			PERMIAN - - - - - 5862'

FROM—	TO—	TOTAL FEET	FORMATION

All measurements from derrick floor, 10' above ground.

Rock pressure, lbs. per sq. in. \_\_\_\_\_

Pressure, psi. per sq. ft. \_\_\_\_\_

The production for the first \_\_\_\_\_ hours was \_\_\_\_\_

But to production \_\_\_\_\_

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet

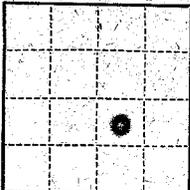
Hoisting tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet

TOOLS USED						
Size	Serial No.	Exp. No.	Brand	Date	Depth set	Depth cleared out

SHOOTING RECORD		
Label	Serial No.	Depth set

PLUGS AND ADAPTERS		
Label	Serial No.	Depth set

FOLD | MARK



(SUBMIT IN TRIPLICATE)

Indian Agency Navajo  
Tribal

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. I-149-IND-8838

*Noted*  
*11-18*  
*H*

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 8, 1957

Navajo Indian Tribal Lands "C"  
Well No. 9 is located 2080 ft. from S line and 1980 ft. from E line of sec. 23

SE 1/4 of Sec. 23      40-S      24-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 4908 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 5922'. Plugged Back Depth 5881'.

Perforated 4-1/2" casing from 5682' to 5698', 5720' to 5736' and 5774' to 5814' with 4 jet shots per foot. Acidized perforated zones with 500 gallons mud acid followed by 2000 gallons regular 15% acid.

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 C. H. McCall

Title Asst. Dist. Sup't.

*w*

Form 9-331b  
(April 1952)

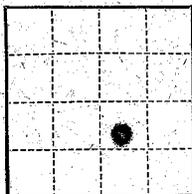
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. X-149-IND-8838



SUNDRY NOTICES AND REPORTS ON WELLS

7/1X  
4/3

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	
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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	<b>INSTALLATION OF PUMPING EQUIPMENT</b>	<b>X</b>

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

March 26, 1959

**Navajo Tribe "C"**

Well No. 9 is located 2080 ft. from [N] line and 1980 ft. from [E] line of sec. 23

SE 1/4 of Sec. 23  
(1/4 Sec. and Sec. No.)

40-S  
(Twp.)

24-E  
(Range)

S1M  
(Meridian)

Aneth  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 4908 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)

Installed pumping equipment and well commenced pumping 2-12-59. On 24 hour test ending 2-24-59, well pumped 230 barrels of 41° gravity oil. Length of pump stroke 88" with 13 strokes per minute.

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

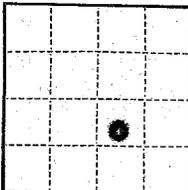
By C. H. McLeod

Title Asst. Dist. Sup't.

5/1

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. I-149-DM-8838

SUNDRY NOTICES AND REPORTS ON WELLS

7/14  
9-14

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	<input checked="" type="checkbox"/>
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 24, 19 59

Navajo Tribe "C"

Well No. 9 is located 2080 ft. from N line and 1980 ft. from E line of sec. 23

SE 1/4 of Sec. 23  
(1/4 Sec. and Sec. No.)

40-S  
(Twp.)

24-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 4908 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 swab unit, pulled rods and tubing and commenced workover 7-9-59. Acidized all perforations (5682' to 5698', 5720' to 5736' and 5774' to 5814') with 37,000 gallons of regular 15% acid in 3 stages using 300 rubber balls and 900# of moth balls. After pumping well to recover load oil and acid residue, well pumped 544 barrels of 41.8° gravity oil in 24 hours on test ending 7-13-59. Length of pump stroke 88" with 13 strokes per minute.

*[Handwritten signature]*

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 817

Farmington, New Mexico

By C. H. McLeod

Title Asst. Dist. Sup't.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**I-149-Ind-8838**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

**Navajo**

7. UNIT AGREEMENT NAME

**Aneth Unit**

8. FARM OR LEASE NAME

9. WELL NO.

**G 323**

10. FIELD AND POOL, OR WILDCAT

**Aneth**

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

**23, T403, R20E, S14N**

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

2. NAME OF OPERATOR

**Texaco Inc.**

3. ADDRESS OF OPERATOR

**P. O. Box 810, Farmington, New Mexico 87401**

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

**2080' from South line and 1980' from East line**

14. PERMIT NO.

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

**4908' 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.)\*

**Reason for workover was to stimulate oil production.**

**Commenced workover on 6-29-65. Treated perforations 5774' to 5814' with 9000 gallons of NE-CRA acid. Treating pressure 500 to 0 psi. Treated perforations 5720' to 5736' with 100 gallons of NE acid and 2500 gallons of CRA acid. Treating pressure 800 to 200 psi with an average injection rate of 6½ barrels per minute. 5 minute shut in pressure 0 psi. Treated perforations 5682' to 5698' with 100 gallons of NE acid and 2500 gallons of CRA acid. Treating pressure 800 to 0 psi with an average injection rate of 6½ barrels per minute. On 24 hour test ending 8:00 a.m., 7-5-65, well pumped 162 barrels of 41.4° oil and 202 barrels of water. Length of pump strokes 100" with 13½ strokes per minute.**

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

SIGNED *Kickball* E. C. HALL

TITLE District Accountant

DATE Sept. 2, 1965

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
**Texaco Inc. (Texas Co.)**

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
**AT SURFACE: 2080' FSL & 1980' FEL Sec.23**  
**AT TOP PROD. INTERVAL:**  
**AT TOTAL DEPTH:**

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Convert to water inj	<input type="checkbox"/>		<input type="checkbox"/>

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
(NOTE: This form is for multiple completion or zone change on Form 9-330.)

DATE: Nov. 29, 1979

BY: Frank W. Hammett

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.)\*

**Texaco Inc. plans to convert Aneth Unit well G323 from oil producing to water injection status. All work will be done in accordance with USGS and UOGCC regulations. Proposed procedure is as follows:**

1. Pull rods and tubing, and clean out to 5780'.
2. Set CIBP at 5760' (leaving only Zone I Desert Creek open).
3. Run plastic-coated tubing and packer. Inhibit tbg-csg annulus and set packer at 5650'.
4. Place well on injection.
5. Run tracer survey after injection rate stabilizes, and acidize if necessary.

In addition, a 150' injection line (2 7/8" cmt-lined steel) will be laid to an existing line just off location.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Alvin R. Mann TITLE Field Foreman DATE 11-13-79

(This space for Federal or State office use)

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

**USGS(4) UOGCC(3) The Navajo Tribe The Superior Oil Co. GLE ARM**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other

2. NAME OF OPERATOR  
Texaco Inc.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2080'FSL & 1980'FEL, Sec. 23  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
I-149-IND-8838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
Unit

9. WELL NO.  
G323

10. FIELD OR WILDCAT NAME  
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 23, T40S, R24E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4908 DF

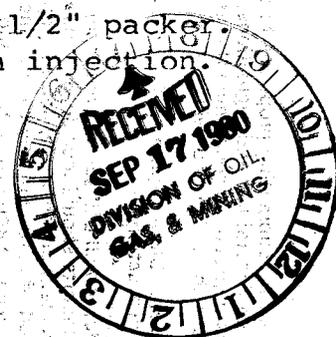
REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Convert to water inj</u>		

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

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

8-28-80: MIRUSU. Pulled rods, pump, and tubing. Ran bit and scraper to 5780' KB. Set 4 1/2" CIBP at 5760' KB. Ran 2 3/8" plastic-coated tubing and 4 1/2" packer. Set packer at 5654' KB. Placed well on injection.

Test: 250 BWIPD, 1950 psi



Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Alvin R. Mann TITLE Field Foreman DATE 9-15-80

(This space for Federal or State office use)

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

USGS(4) UOGCC(3) Navajo Tribe-Superior Oil-GLE-ARM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other  **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. See space 17 below.)  
AT SURFACE: **2080'FSL & 1980'FEL Sec 23**  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
**I-149 IND-8838**

6. IF INDIAN, ALIEN, OR TRIBE NAME  
**Navajo**

7. UNIT AGREEMENT NAME  
**Aneth Unit**

8. FARM OR LEASE NAME  
**Unit**

9. WELL NO.  
**G323**

10. FIELD OR WILDCAT NAME  
**Aneth**

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
**Sec 23, T40S, R24E**

12. COUNTY OR PARISH  
**San Juan**

13. STATE  
**Utah**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**4908' DF**

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input checked="" type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)	<input type="checkbox"/>		<input type="checkbox"/>

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

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

PAGE 2

Pumped into hole 1/10 BPM @ 2500#. Released pressure & lowered tbq & tagged @ 2568', drilled out to 2572' in 8 hrs. Formation & metal in returns. TOOH W/bit & scraper. TIH W/ tapermill & tagged @ 2571-3/4KB. Drilled 4 hrs, unable to make any hole. TOOH W/ Tapermill. TIH W/tbg open ended. Circulated out formation. TOOH. TIH W/tapermill & tagged @ 2571.75'KB. Unable to make any hole. Pulled tbg. & tapermill. Ran 2400' of tbg. RDMSU. Shut in well for further evaluation.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED \_\_\_\_\_ TITLE **Field Supt.** DATE **11/15/83**

(This space for Federal or State office use)

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

**BLM(4) UOGCC (3) Navajo Tribe-Superior Oil-JNH-CDE-ARM**

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other 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. See space 17 below.)  
AT SURFACE: 2080'FSL & 1980'FEL Sec 23  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

5. LEASE  
I-149-IND-8838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
Unit

9. WELL NO.  
G323

10. FIELD OR WILDCAT NAME  
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 23, T40S, R24E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4908'DF

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

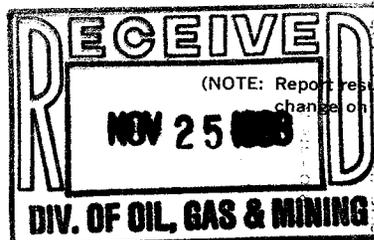
MULTIPLE COMPLETE

CHANGE ZONES

ABANDON\*

(other)

SUBSEQUENT REPORT OF:



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.)\*

9-27-83 (MIRUSU) TIH W/RBP & PKR, set RBP at 5266'KB. Set Pkr @ 5235' Test RBP to 1000#, held. Moved Pkr uphole & isolated one hole between 3500'KB & 3533'KB. Second hole between 2576'KB & 2726'KB. Spotted 2 sx sand on RBP, TOOH W/Pkr. TIH W/cmt retainer & set @ 3433'KB. Tested tbg to 2500#, held. Stung into cmt retainer, established rate of 3/4 BPM @ 1000#. Squeezed leak W/60 sx. class B cmt. 2% CaCl @ 1/4 BPM @ 1500#. Cmt locked, pulled out of cmt retainer & reversed out excess. Pulled tbg to 2762', established rate in upper hole, 1/2 BPM @ 1500#. Spotted 60 sx class B cmt. 2% CaCl. Pulled tbg to 1051'KB. Squeezed cmt into leak 1 BPM @ 250#. SI 30 min, staged in 3/4 bbl cmt, locked up @ 1000#. TOOH W/tbg. TIH W/bit & scraper. Drilled out cmt, started getting formation in returns @ 2695'. Cleaned out to 3380'. Pulled tbg to 2452'KB. Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

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

(This space for Federal or State office use)

APPROVED BY Ray/E. Green TITLE Field Supt DATE 11/15/83  
CONDITIONS OF APPROVAL, IF ANY:

**BLM(4) UOGCC(3) Navajo Tribe-Superior Oil-JNH-CDF-ARM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. oil well  gas well  other **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. See space 17 below.)  
AT SURFACE: **2080'FSL & 1980'FEL Sec 23**  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
**I-149-IND-8838**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo**

7. UNIT AGREEMENT NAME  
**Aneth Unit**

8. FARM OR LEASE NAME  
**Unit**

9. WELL NO.  
**G323**

10. FIELD OR WILDCAT NAME  
**Aneth**

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA  
**Sec 23, T40S, R24E**

12. COUNTY OR PARISH  
**San Juan**

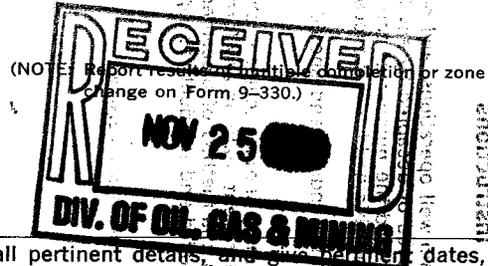
13. STATE  
**Utah**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**4908' DF**

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			



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.)\*

Texaco Inc. requests your approval to repair a casing leak in G323 found on routine tbq & pkr service job.

1. Run RBP & Pkr, set RBP at 5260', move uphole W/pkr to isolate leak.
2. Bradenhead squeeze 100 sx of cmt into leak.
3. Drill out cmt.
4. Run retrieving head & pull RBP.
5. Run new 2-3/8 PC tbq & pkr, return well to injection.

Verbal approval received 10-4-83

**APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING**  
DATE: 11/28/83  
BY: [Signature]

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

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

SIGNED [Signature] TITLE Field Supt. DATE 11-15-83

(This space for Federal or State office use)

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

BLM (4) UOGCC (3) Navajo Tribe-Superior Oil-JNH-CDF-ARM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well  gas well  other Water Injection

2. NAME OF OPERATOR  
Texaco Inc.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2080 FSL & 1980' FEL, Sec. 23  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:                      SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF                      

FRACTURE TREAT                      

SHOOT OR ACIDIZE                      

REPAIR WELL                      

PULL OR ALTER CASING                      

MULTIPLE COMPLETE                      

CHANGE ZONES                      

ABANDON\*                      

(other) \_\_\_\_\_

5. LEASE  
T-149-IND-8838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
Unit

9. WELL NO.  
G-323

10. FIELD OR WILDCAT NAME  
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 23, T40S, R24E

12. COUNTY OR PARISH    13. STATE  
San Juan                      Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4908' DF

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

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

Proposed Procedure for Abandonment of A.U. Injection well G-323.  
Please refer to previously submitted Sundry Notice, Dated 11/15/83.

1. MIRUSU
2. Spot 100 sx Class B Cement above 2571'.  
Pull tubing up and Bradenhead squeeze w/ max surface pressure 1000 psi.
3. Leave 50 sx cement in casing.
4. Fill hole w/mud. 9.2 #/gallon.
5. Set 50' surface plug, cut casing, erect marker and clean location.
6. RDMOSU.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct.  
DATE: 11/13/84  
BY: John R. B...  
SIGNED: John R. B... TITLE: Field Superintendent DATE: 9-19-84

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

BLM (4), UOGCC (3), NAVAJO TRIBE - SUPERIOR OIL - JNH - RJH, ARM

**UNITED STATES**  
**DEPARTMENT OF THE INTERIOR**  
**BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPL  
(Other instructions on re-  
verse side)

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

**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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>Water Injection</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>I-149-IND-8838</u>
2. NAME OF OPERATOR <u>Texaco Inc.</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo Tribe</u>
3. ADDRESS OF OPERATOR <u>P. O. Box EE Cortez, Co. 81321</u>		7. UNIT AGREEMENT NAME <u>Aneth Unit</u>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface  <u>2080' FSL &amp; 1980' FEL</u>		8. FARM OR LEASE NAME <u>Unit</u>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4908' DF</u>	9. WELL NO. <u>G323</u>
		10. FIELD AND POOL, OR WILDCAT <u>Aneth</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 23, T40S, R24E</u>
		12. COUNTY OR PARISH   13. STATE <u>San Juan   Utah</u>

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"/>	
(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.)\*

Texaco Inc. is in the process of obtaining contractors to P & A this well. Plugging operations should be complete by April 1, 1987.

**RECEIVED**  
OCT 24 1986

DIVISION OF  
OIL, GAS & MINING

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

Federal approval of this action is required before commencing operations.

DATE 10-30-86  
BY John R. Baya

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

SIGNED John R. Baya TITLE Area Supt. DATE 10/20/86

(This space for Federal or State office use)

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

BLM (6) UOGCC (3) Navajo Tribe Mobil JNH LAA ARM  
\*See Instructions on Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING  
ROOM 4241 STATE OFFICE BUILDING  
SALT LAKE CITY, UTAH 84114  
(801) 533-5771  
(RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF  
Texaco Inc.  
ADDRESS P. O. Box EE  
Cortez, Colorado ZIP 81321  
INDIVIDUAL  PARTNERSHIP  CORPORATION   
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR  
INJECT FLUID INTO THE ALL G.323 WELL  
SEC. 23 TWP. 40S RANGE 24E  
San Juan COUNTY, UTAH

CAUSE NO. \_\_\_\_\_

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>

APPLICATION

Comes now the applicant and shows the Division the following:

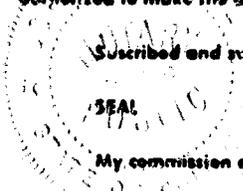
1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>Aneth Unit</u>	Well No. <u>G 323</u>	Field <u>Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NW 1/4-SE 1/4</u> Sec. <u>23</u> Twp. <u>40S</u> Rge. <u>24E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>10/57</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1240'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	State What <u>Oil &amp; Gas</u>	
Location of Aneth Unit Producing Injection Source(s) Wells & San Juan River	Geologic Name(s) <u>Desert Creek &amp; Ismay</u> and Depth of Source(s) <u>+/- 5600'</u>		
Geologic Name of Injection Zone <u>Paradox:</u> <u>DESERT CREEK</u>	Depth of Injection Interval <u>5682</u> to <u>5814</u>		
a. Top of the Perforated Interval: <u>5682</u>	b. Base of Fresh Water: <u>1240'</u>	c. Intervening Thickness (a minus b) <u>4442'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>Sandstone, limestone &amp; anhydrite w/intermittent shale layers</u>			
Injection Rates and Pressures Maximum <u>2,000</u> B/D <u>2,500</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>The Navajo Tribe</u> <u>Box 146</u> <u>Window Rock, Arizona 86515</u>			

State of Colorado ) Alvin R. Marx Field Supt.  
County of Montezuma ) Applicant

Before me, the undersigned authority, on this day personally appeared Alvin R. Marx  
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly  
authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 16th. day of Dec., 19 83



Joe D. Roybal  
Notary Public in and for Colorado  
728 N. Beech, Cortez, Co. 81321

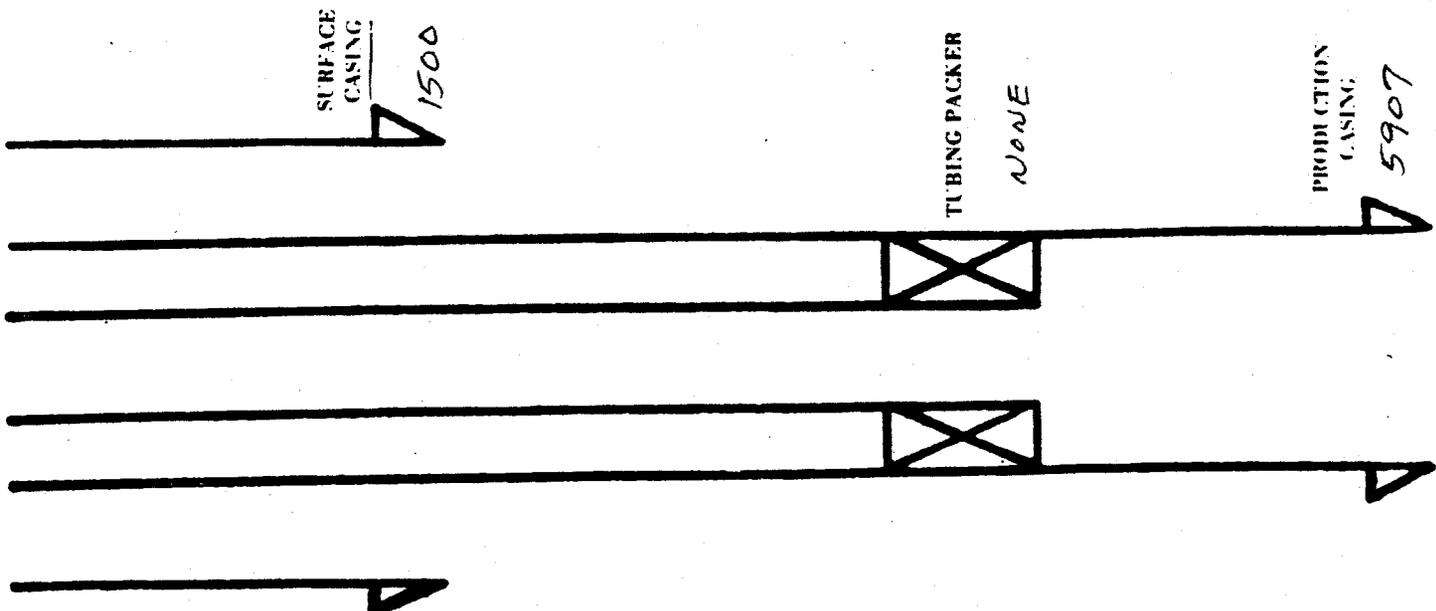
(OVER)

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within 1/2 mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within 1/2 mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	8-5/8"	1500	1000	NA	
Intermediate					
Production	4-1/2"	5907	500	NA	
Tubing	2-3/8"	2452	Name - Type - Depth of Tubing Packer NONE - TEMPORARILY ABANDONED		
Total Depth	Geologic Name - Inj. Zone		Depth - Top of Inj. Interval	Depth - Base of Inj. Interval	
5922	DESERT CREEK		5682	5814	

SKETCH - SUBSURFACE FACILITY



PLEASE TYPE OR USE BLACK INK ONLY

(To be filed within 30 days after drilling is completed) I-149-IND-8838

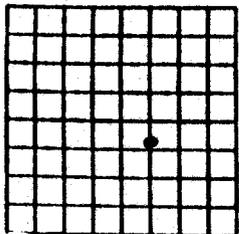
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING  
Room 4241 State Office Building  
Salt Lake City, Utah 84114

COUNTY  
LEASE NO.

API NO

040 Acres



Locate Well Correctly  
and Outline Lease

COUNTY San Juan SEC. 23 TWP. 40S RGE. 24E  
COMPANY OPERATING Texaco Inc  
OFFICE ADDRESS P. O. Box EE  
TOWN Cortez STATE ZIP Colo 81321  
FARM NAME Aneth Unit WELL NO. G323  
DRILLING STARTED 9-17 19 57 DRILLING FINISHED 10-20 19 57  
DATE OF FIRST PRODUCTION 10-20-57 COMPLETED 10-20-57  
WELL LOCATED N/2 NW 4 SE 4  
2080 FT. FROM SW OF 1/4 SEC. & 3300 FT. FROM WL OF 1/4 SEC.  
ELEVATION DERRICK FLOOR 4908 GROUND 4898

TYPE COMPLETION

Single Zone DESERT CREEK Order No. \_\_\_\_\_

Multiple Zone \_\_\_\_\_ Order No. \_\_\_\_\_

Comingled \_\_\_\_\_ Order No. \_\_\_\_\_

LOCATION EXCEPTION \_\_\_\_\_ Order No. \_\_\_\_\_ Penalty \_\_\_\_\_

OIL OR GAS ZONES

Name	From	To	Name	From	To
<u>DESERT CREEK</u>	<u>5682</u>	<u>5814</u>			

CASING & CEMENT

Casing Set				Cog. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Size	Fillup	Top
<u>8-5/8</u>	<u>24</u>		<u>1500</u>	<u>NA</u>	<u>1000</u>	<u>NA</u>	<u>NA</u>
<u>4-1/2</u>	<u>9.5, 11.6</u>		<u>5907</u>	<u>800</u>	<u>500</u>	<u>NA</u>	<u>NA</u>

TOTAL DEPTH 5922

PACKERS SET DEPTH NO PACKER - TEMPORARILY ABANDONED.

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	1	2	3
Desert Creek	<u>DESERT CREEK</u>		
SPACING & SPACING ORDER NO.	<u>40 acre</u>	<u>40 acre</u>	
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	<u>OIL</u>	<u>INJ</u>	
PERFORATED	<u>5682-5698</u>		
INTERVALS	<u>5720-5736</u>		
	<u>5774-5814</u>		
ACIDIZED?	<u>500 GAL. MUD</u>		
	<u>2000 GAL. REG.</u>		
FRACTURE TREATED?	<u>No</u>		

INITIAL TEST DATA

Date	1	2	3
<u>10-20-57</u>	<u>8-28-80</u>		
Oil bbl./day	<u>1252</u>		
Oil Gravity	<u>38</u>		
Gas Cu. Ft./day	<u>NA</u>	<u>CF</u>	<u>CF</u>
Gas-Oil Ratio Cu. Ft./Bbl.	<u>NA</u>		
Water-Bbl./day	<u>26</u>	<u>250</u>	
Pumping or Flowing	<u>FLOWING</u>		
CHOKE SIZE	<u>NA</u>		
FLOW TURNING PRESSURE	<u>NA</u>		

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 1-303-565-8401 Philip R. Mann Field Supt.  
State of Colorado Name and title of representative of company

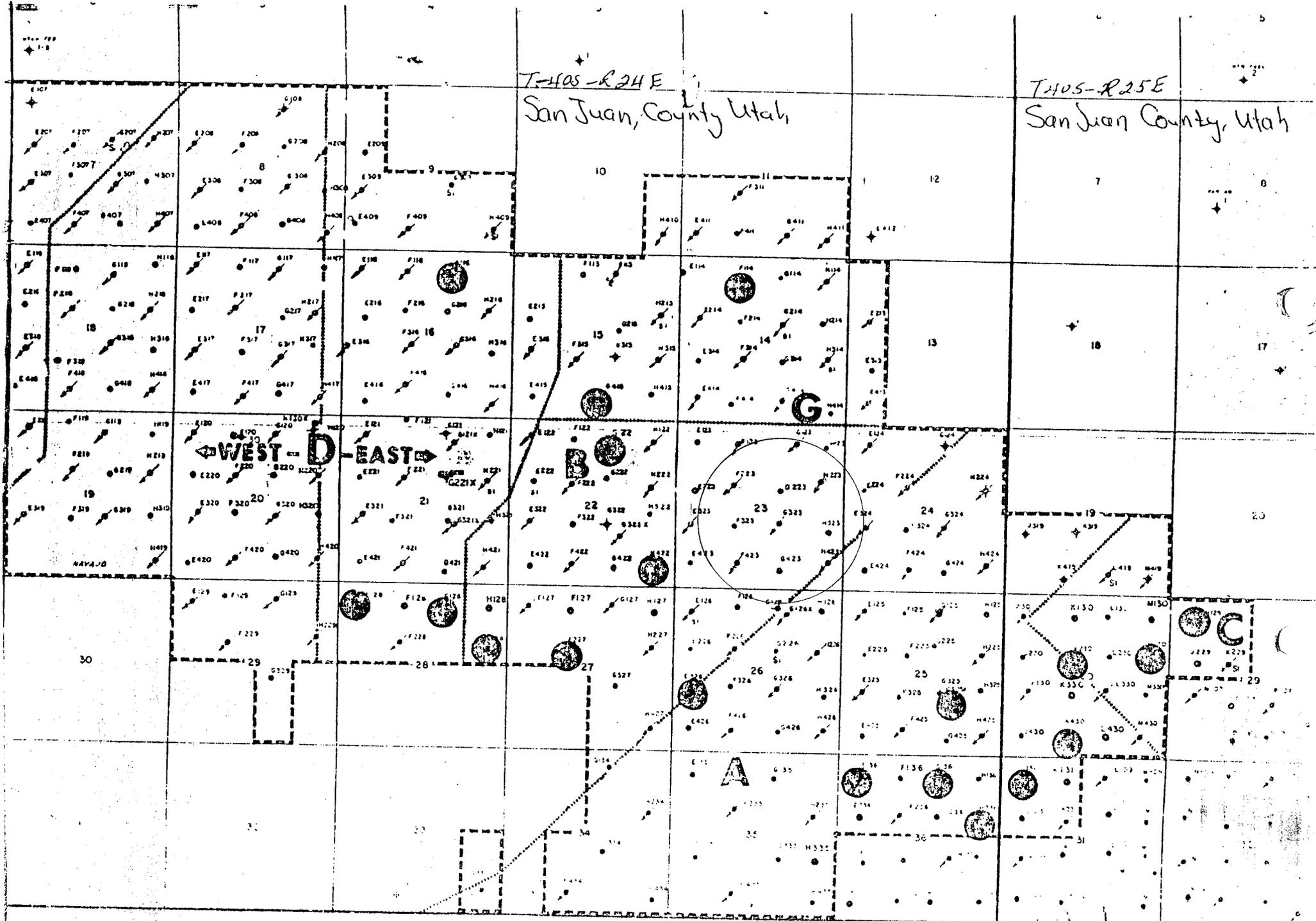
County of Montezuma 16th day of December, 1983

Subscribed and sworn before me this 16th day of December, 1983  
My commission expires 10/25/87 Joe J. Rybal

728 N. Beech, Cortez, Co. 81321

T-405-R24E  
San Juan, County Utah

T-405-R25E  
San Juan County, Utah



TEXACO

INSTRUCTIONS - CANCELS LETTER(S) OF

SIGNED BY

PERMANENT

ROUTINE

TEMPORARY

(LOCATION)

(DATE)

19

Subject: Water Analysis from Navajo Aquifer

Aneth Unit H415

Location - SE 1/4 - SE 1/4 Sec 15, T40S, R24E

Sample Date - 1-17-59

Depth - Navajo Aquifer

Temp - 67° F

Ph - 8.7

Total Dissolved Solids - 2573 ppm

SiO<sub>2</sub> - 16 ppm

CO<sub>3</sub><sup>=</sup> - 130 ppm

Ca<sup>+</sup> - 7 ppm

HCO<sub>3</sub><sup>-</sup> - 156 ppm

Mg<sup>++</sup> - 28 ppm

SO<sub>4</sub><sup>=</sup> - 599 ppm

Na<sup>+</sup> - 76 ppm

Cl<sup>-</sup> - 757 ppm

Aneth Unit G422

Location - SW 1/4 - SE 1/4 Sec 22, T40S, R24E

Sample Date - 1-18-59

Depth - Navajo Aquifer

Temp - 67° F

Ph - 9.2

Total Dissolved Solids - 2823 ppm

SiO<sub>2</sub> - 17 ppm

CO<sub>3</sub><sup>=</sup> - 925 ppm

Ca<sup>+</sup> - 6 ppm

HCO<sub>3</sub><sup>-</sup> - 912 ppm

Mg<sup>++</sup> - 8 ppm

SO<sub>4</sub><sup>=</sup> - 265 ppm

Na<sup>+</sup> - 915 ppm

Cl<sup>-</sup> - 271 ppm

\* Note: these numbers were obtained from TEXACO Files in the Denver Division offices

If letter requires reply prepare in triplicate, forwarding original and duplicate, and retain copy.

P.O. Box 2100

Denver, Colo

80201 By

# NL Treating Chemicals/NL Industries, Inc.

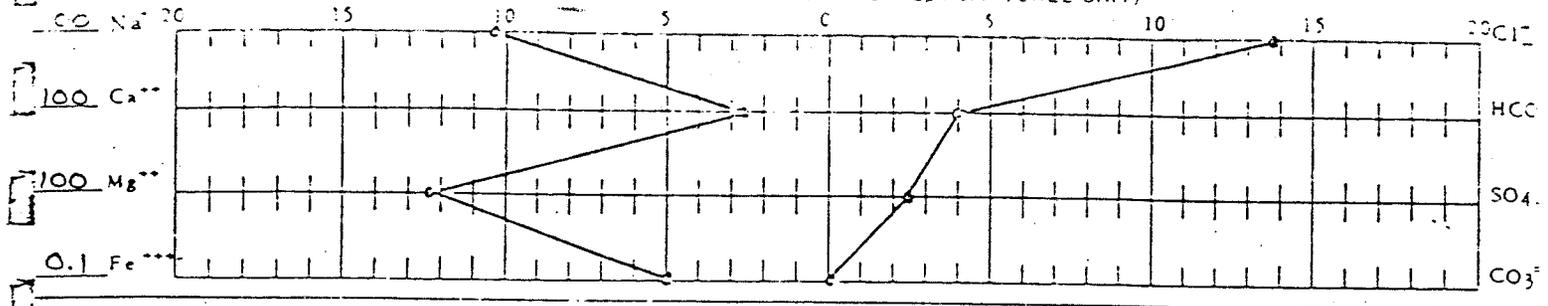
## WATER ANALYSIS REPORT

P.O. Box 1675, Houston, Texas 77001

							SHEET NUMBER 1
COMPANY TEXACO, INCORPORATED						DATE 5 APRIL 1982	
FIELD ANETH				COUNTY OR PARISH SAN JUAN		STATE UTAH	
WELL OR UNIT ANETH			WELL OR NAME OR NO. INJECTION WATER		WATER SOURCE (FORMATION)		
DEPTH, FT.	BHT, F	SAMPLE SOURCE PLANT	TEMP, F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY	
DATE SAMPLED 6 APRIL 1982		TYPE OF WATER <input type="checkbox"/> PRODUCED <input checked="" type="checkbox"/> SUPPLY <input checked="" type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALT WATER DIS					

### WATER ANALYSIS PATTERN

(NUMBER BESIDE ION SYMBOL INDICATES mg/l SCALE UNIT)



### DISSOLVED SOLIDS

### DISSOLVED GASES

CATIONS	me/l*	mg/l*		
Total Hardness	392.0		Hydrogen Sulfide, H <sub>2</sub> S	337.5 mg/l*
Calcium, Ca <sup>++</sup>	268.0	5360.0	Carbon Dioxide, CO <sub>2</sub>	185.0 mg/l*
Magnesium, Mg <sup>++</sup>	124.0	1519.0	Oxygen, O <sub>2</sub>	1.0 mg/l*
Iron (Total) Fe <sup>+++</sup>	0.5	10.0	PHYSICAL PROPERTIES	
Barium, Ba <sup>++</sup>	—	1.0	pH	6.65
Sodium, Na <sup>+</sup> (calc.)	1035.1	23807.3	Eh (Redox Potential)	N.D. MV

ANIONS	me/l*	mg/l*		
Chloride, Cl <sup>-</sup>	1380.3	49300.0	Specific Gravity	N.D.
Sulfate, SO <sub>4</sub> <sup>-2</sup>	24.5	1175.0	Turbidity, JTU Units	N.D.
Carbonate, CO <sub>3</sub> <sup>-2</sup>	0.0	0.0	Total Dissolved Solids (calc.)	81385.3 mg/l*
Bicarbonate, HCO <sub>3</sub> <sup>-</sup>	4.0	244.0	Stability Index @ 77 F	+0.39
Hydroxyl, OH <sup>-</sup>	0.0	0.0	@ 140 F	+1.32
Sulfide, S <sup>-2</sup>	18.8	300.0	CaSO <sub>4</sub> Solubility @ 77 F	306.6 me/l*
			@ 176 F	306.8 me/l*
			Max. CaSO <sub>4</sub> Possible (calc.)	24.5 me/l*
			Max. BaSO <sub>4</sub> Possible (calc.)	1.0 mg/l*
			Residual Hydrocarbons	N.D. ppm(V)

### SUSPENDED SOLIDS (QUALITATIVE)

Iron Sulfide     Iron Oxide     Calcium Carbonate     Acid Insoluble

### REMARKS AND RECOMMENDATIONS:

WATER SHOWS A TENDENCY TOWARD SCALING; PRIMARILY CALCIUM CARBONATE

\* NOTE: me/l and mg/l are comm used interchangeably for epm and respectively. Where epm and ppm used, corrections should be made specific gravity.

BY ENGINEER MARK BROTHERS	DIST. NO. 12	ADDRESS CARMINGTON, N.M.	OFFICE PHONE 505-325-5701	HOME PHONE 505-325-
------------------------------	-----------------	-----------------------------	------------------------------	------------------------

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Tepaco Well No. Amitt Unit G323  
 County: San Juan T 405 R 24E Sec. 23 API# 43-03D-16110  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Fluid Source Disposal Water - Group

Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>81385</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>81385</u>

Known USDW in area	<u>None</u>	Depth	<u>1240</u>
Number of wells in area of review	<u>9</u>	Prd.	<u>4</u>
		Water	<u>0</u>
		P&A	<u>0</u>
		Inj.	<u>5</u>

Aquifer Exemption	Yes <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
Mechanical Integrity Test	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Date	<input type="text"/>	Type <input type="text"/>

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reviewed by: [Signature]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instructions on reverse side)

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

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 Well

2. NAME OF OPERATOR  
TEXACO Inc.

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface  
2080' FSL & 1980' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
4908' DF

RECEIVED  
APR 30 1987

DIVISION OF  
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.  
I-149-IND-8838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Tribe

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
Unit

9. WELL NO.  
G-323

10. FIELD AND POOL, OR WILDCAT  
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 23, T40S, R24E

12. COUNTY OR PARISH  
San Juan

13. STATE  
UT

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

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.)\*

The subject well was completed as plugged and abandoned April 18, 1987. The following procedure was carried out during the plugging operations:

- 1) Notified Albert Gonzalez with BLM of intent to MIRU on 4/7/87, 9:00AM.
- 2) MIRUSU, NUBOPS, TOO H w/76 jts. (2312') 2-3/8" PC tubing. TIH w/tubing to 2571' KB. Rig up cementers and attempt to pump into formation at 1200 PSI. No rate.
- 3) Contacted Steve Mason w/BLM for approval to continue the plugging as per the following procedure. Approval given to Texaco Inc's M. J. Videtich on 4/7/87.
- 4) Spot 50 sx. class B cement from 2571' - 1930' KB. POOH to 1900' KB. Displace hole w/9.2#/gal. brine based mud. POOH to 1400' KB.
- 5) Rig up perforators. TIH w/thru tubing perf gun to 1785'. Shoot 4 way squeeze holes at 1785' KB. TOO H w/wireline.
- 6) Rigged up cementers and pump 85 sx. class B cement. Squeezed 55 sx. into formation. Left 30 sx. inside 4 1/2" casing. TOC - 1400' KB.
- 7) TOO H laying down tubing. TIH and shoot 4way squeeze holes at 200' KB. TOO H w/gun.
- 8) Rigged up cementers. Pumped 57 sx. class B cement. Circulated cement to surface. Shut well in for night.
- 9) TIH w/sandline and tag cement at 40' KB. RD MOSU. Cut off wellhead, rig up cementers and fill 8-5/8" - 4 1/2" annulus w/cement and 4 1/2" casing

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

(Continued on attached page)

SIGNED Alan G. Kleur TITLE Area Superintendent DATE 4-23-1987

(This space for Federal or State office use)

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

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 5-4-87  
BY: John R. Dye

\*See Instructions on Reverse Side

Aneth Unit G-323 (Continued)

w/cement. (Note - no fluid above cement tops)

10. Erect P&A marker. Operations complete April 8, 1987.

Note: Location will be seeded between July 1 and Sept. 15 with the prescribed seed mix.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE\*  
(Other instructions on reverse side)

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

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 purposes.)

5. LEASE DESIGNATION AND SERIAL NO. I-149-IND-8838

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
WLV - PA Navajo

7. UNIT AGREEMENT NAME Aneth Unit

8. FARM OR LEASE NO. 122914

9. WELL NO. G323

10. FIELD AND POOL, OR WILDCAT Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 23, T40S, R24E

12. COUNTY OR PARISH San Juan

13. STATE Utah

14. PERMIT NO. 43-037-16110

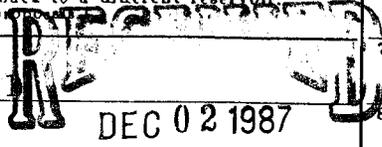
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4908' DF

1. OIL WELL  GAS WELL  OTHER  Injection Well

2. NAME OF OPERATOR Texaco Inc. (303) 565-8401

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface 2080' FSL and 1980' FEL



DIVISION OF OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) location restoration

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.)\*

The subject well has been reseeded with the perscribed seed mix and is ready for final inspection.

18. I hereby certify that the foregoing is true and correct  
SIGNED Walter Klever TITLE Area Superintendent DATE 11/23/87

(This space for Federal or State office use)

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

BLM (4) UOGCC (3) Navajo Tribe - Mobil Oil - LAA - AAK

\*See Instructions on Reverse Side

3

Utah Division of Oil, Gas, and Mining  
Casing - Bradenhead Test

Operator: TEXACO INC.

Field/Unit: GREATER ANETH

Well: G-323

Township: 40S Range: 24E Sect:23

API: 43-037-16110

Welltype: INJI Max Pressure: 2500

Lease type: INDIAN

Surface Owner: NAVAJO

Last MIT Date: /

*P.A.*

Witness: F Test Date:

CASING STRING	SIZE	SET AT	PRESSURE	OBSERVATIONS
Surface:	8 5/8	1500		
Intermediate:		0		
Production:	4 1/2	5907		
Other:		0		
Tubing:	2 3/8			
Packer:		2452		
Recommendations:				