

Nov 1962, this well is classified as a water injection well as in work relating on water injection wells.

Started injecting as of ~~January~~ ^{April} 1962.

FILE NOTATIONS			
Entered in NID File	<input checked="" type="checkbox"/>	Checked by Chief	<input type="checkbox"/>
Entered on CR Sheet	<input checked="" type="checkbox"/>	Copy N&D to Field Office	<input checked="" type="checkbox"/>
Location Map Pinned	<input type="checkbox"/>	Approval Letter	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	<input type="checkbox"/>
IWR on State or Fee Land	<input type="checkbox"/>		
COMPLETION DATA:			
Date Well Completed	1-21-61	Location Inspected	<input type="checkbox"/>
CV <input type="checkbox"/> WW <input type="checkbox"/> TA <input checked="" type="checkbox"/>		Bond released	<input type="checkbox"/>
CS <input type="checkbox"/> OS <input type="checkbox"/> PA <input type="checkbox"/>		State of Fee Land	<input type="checkbox"/>
LOGS FILED			
Drillers Log	1-26-61		
Electric Logs (No.)	4		
E <input type="checkbox"/> I <input type="checkbox"/> E-I <input checked="" type="checkbox"/> GR <input type="checkbox"/> GR-N <input checked="" type="checkbox"/> Micro <input type="checkbox"/>			
Lat. <input type="checkbox"/> Mi-L <input type="checkbox"/> Sonic <input type="checkbox"/> Others		Perforating Depth Control	
Casing Collar Log and Perforating Record			

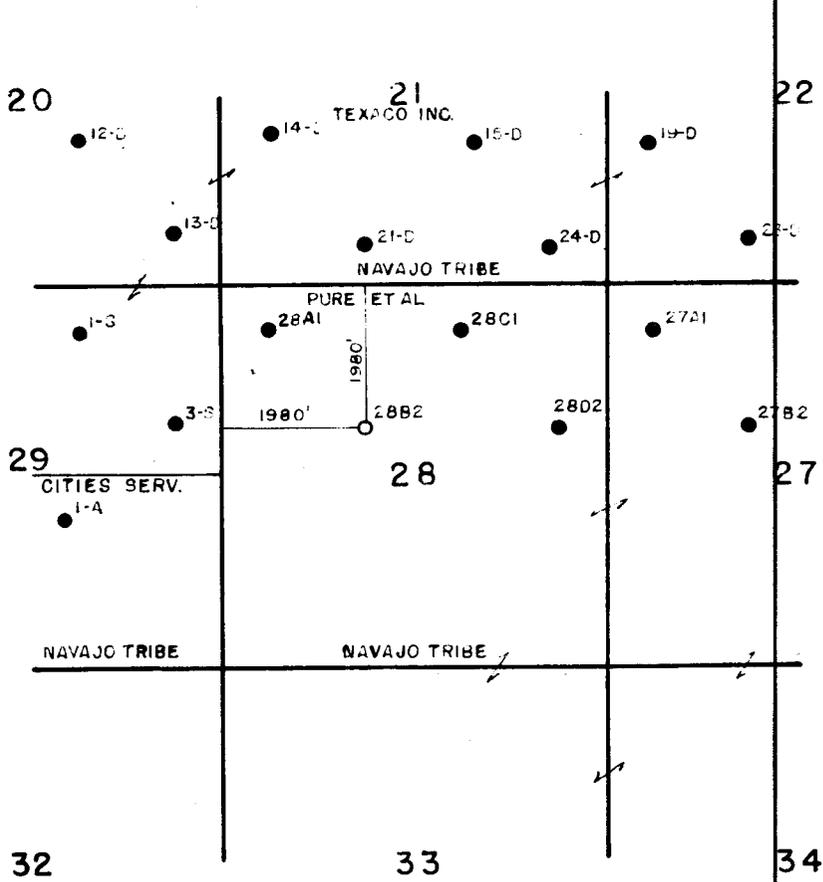
THE PURE OIL COMPANY LOCATION REPORT

Date: August 3, 1960 A.F.E. No. 309
 Division: Rocky Mountain Producing Prospect District: Aneth Lease: Navajo 14-20-603-2056
 Acres: 2,500.00 Lease No. 7064 Elevation: _____ Well No. 28-B2 (Serial No. _____)
 Quadrangle: SE NW Sec. 28 Twp. 40 S Rge. 24 E Blk. Dist. Twp. _____
 Survey: Salt Lake Meridian County: San Juan State: Utah

Operator: The Pure Oil Company Map _____
 1980 Feet South of the North line of Section
 1980 Feet East of the West line of Section
 _____ Feet of the _____ line of _____
 _____ Feet of the _____ line of _____

LEGEND

- ☀ Gas Well
- Oil Well
- ☀ Gas-Distillate Well
- ⊘ or ⊙ Dry Hole
- Location
- ⊘ Abandoned Location
- ☀ or ⊘ Abandoned Gas Well
- or ⊙ Abandoned Oil Well
- ⊘ or ⊙ Input Well



Remarks: The Pure Oil Company (Operator) 33-1/3%
The Ohio Oil Company 33-1/3%
Sun Oil Company 33-1/3%

Submitted by: *R. J. ...* Civil Engineer Approved by: _____ Division Manager
 Approved by: _____ Vice-President—General Manager

THE PURE OIL COMPANY LOCATION REPORT

A.F.E. No. 309

Date August 3, 1960

Division Rocky Mountain Producing Prospect District Aneth Lease Navajo 14-20-603-2056
(853.33 Net)

Acres 2,500.00 Lease No. 7064 Elevation _____ Well No. 28-B2 (Serial No. _____)

Quadrangle SE NW Sec. 28 Twp. 40 S Rge. 24 E Blk. Dist. Twp. _____

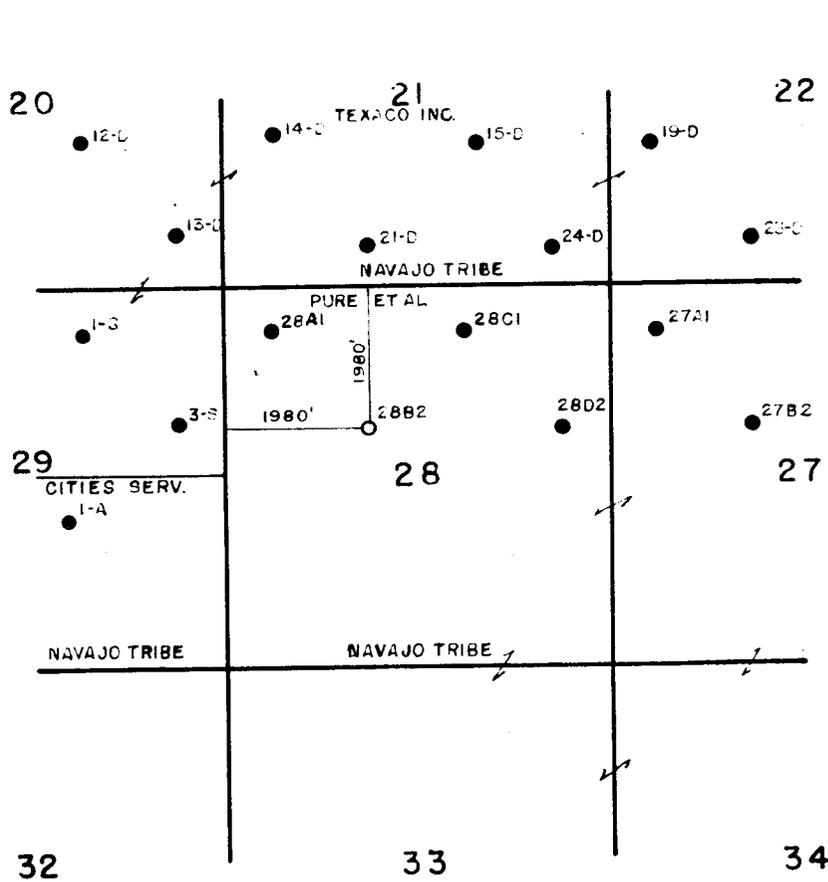
Survey Salt Lake Meridian County San Juan State Utah

Operator The Pure Oil Company Map _____

1980 Feet South of the North line of Section
1980 Feet East of the West line of Section
Feet _____ of the _____ line of _____
Feet _____ of the _____ line of _____

LEGEND

- Gas Well
- Oil Well
- Gas-Distillate Well
- Dry Hole
- Abandoned Location
- Abandoned Gas Well
- Abandoned Oil Well
- Input Well



Remarks: The Pure Oil Company (Operator) 33-1/3%
The Ohio Oil Company 33-1/3%
Sun Oil Company 33-1/3%

Submitted by *R. J. ...* Civil Engineer Approved by _____ Division Manager
Approved by _____ Vice-President—General Manager

aw/R

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Window Rock
TRIBE Navajo Tribal - Tract 164
LEASE NO. 14-20-603-2056

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Aneth

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1960.

Agent's address P. O. Box 265 Company The Pure Oil Company

Neab, Utah

Signed J. B. Stray

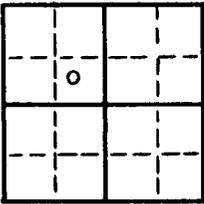
Phone Alpine 3-3581 Agent's title District Chief Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (if none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NW Sec. 28	40S	24E	28- B2	-0-			Location: 1980' from north line and 1980' from west line. Ground elevation 4679'. Spudded 8-19-60. Drilled to 73' and set 13-3/8" OD casing at 71', cemented with 60 sx HA 5. Drilled to 1480' and set 9-5/8" OD casing at 1480', cemented with 500 sx Pozmix with 4 percent gel and followed with 100 sx Heat Cement with 2 percent Calcium Chloride. Pumped 170 sx cement between 13-3/8" OD casing and 9-5/8" OD casing and cemented to surface. Drilled to 4108'.			

NOTE.—There were No runs or sales of oil; No M. cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
 State
 Lease No.
 Public Domain
 Lease No.
 Indian Navajo
 Lease No. 14-20-603-2056

Sec. 28 (See Plat attached)

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	<input type="checkbox"/>	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	<input type="checkbox"/>	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	<input type="checkbox"/>	Supplementary Well History.....	
Notice of Intention to Abandon Well.....	<input type="checkbox"/>		

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

August 4, 1960

Aneth "A"
 Well No. 28-B2 is located 1980 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 1980 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of Sec. 28

SE-NW Sec. 28 40S 24E Salt Lake
(¼ 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 feet. (will be reported later)

A drilling and plugging bond has been filed with U. S. Government

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 work, surface formation, and date anticipate spudding-in.)

Proposed Casing Program:

- 75' - 13-3/8" Conductor (cemented to surface)
- 1500' - 8-5/8" Surface Casing (cemented to surface)
- 5800' - 4-1/2" Production String (approx. 200 sx.)

Principal objective is the Paradox Formation.

Estimated Total Depth 5800'.

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

Company The Pure Oil Company
 Address 1575 Sherman
Denver 19, Colorado

By Fred H. Kirby Fred H. Kirby
 Title Asst. Chief Div. Prod. Clerk

INSTRUCTIONS: 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.

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO.

NORTHERN PRODUCING DIVISION

MOUNTAIN AREA OPERATIONS

1575 SHERMAN STREET

DENVER 3, COLORADO

5 August 1960

Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Attention: Mr. C. B. Feight

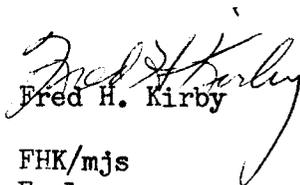
Dear Mr. Feight:

We are enclosing in duplicate notice of intention to drill Aneth "A" No. 28-B2, located SE-NW, Section 28-40S-24E, San Juan County, Utah. Also enclosed are plats showing location of this well.

The responsibility for filing all reports covering this well has been transferred to our district office at Moab, Utah; therefore, we would appreciate the approved notices and/or any other correspondence covering this well to be directed to:

The Pure Oil Company
P. O. Box 265
Moab, Utah
Attention: Mr. W. W. Weir

Yours very truly,


Fred H. Kirby

FHK/mjs
Encl.

cc w/enclosures: Mr. W. W. Weir

August 8, 1960

The Pure Oil Company
1575 Sherman Street
Denver 19, Colorado

Attention: Mr. Fred H. Kirby
Ass't Chief Div. Prod. Clerk

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Aneth A 28-B2, which is to be located 1980 feet from the north line and 1980 feet from the west line of Section 28, 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.

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE SECRETARY

CBF:co

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

Copy to 4C 12

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALBERTA PROVINCE
SURREY DISTRICT
LEASING NO. 15-10-100

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Alaska County Seward Field Arctic

The following is a correct report of operations and production (including drilling and producing operations) for the month of September, 1960.

Lessee's address: P. O. Box 285 Company The Pure Oil Company
Wash, Wash Signed J. Blomberg
Phone Alutua 3-3531 Agent's title District Chief Clerk

WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
ES-10	9-11-60	-0-					Drilled 4108 - 5400. Cased to 5658. Drilled to 5760 TD. Drilling completed 9-11-60. Ran electric logs to TD. Set 5-1/2" OD casing at 5760' with 150 sax regular and 50 sax of Latex cement. Perforated 4 shots per foot 5604-5610. Set Model D production packer at 5575. Acidized perfs 5604-5610 with 5000 gals. acid. Swabbed 6 days and recovered 49 bbls. load oil and 750 bbls. acid and salt water.

97

11

Note.—There were no runs or sales of oil; no M. cu. ft. of gas sold; no runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

RPS

140

Budget Bureau No. 42-R714.4
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Window Rock
TRIBE Navajo Tribal - Tract 164
LEASE NO. 14-20-603-2056

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Aneth

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1960,

Agent's address P. O. Box 246 Company The Pure Oil Company
Moab, Utah Signed J. B. Strang

Phone Alpine 3-3581 Agent's title District Chief Clerk

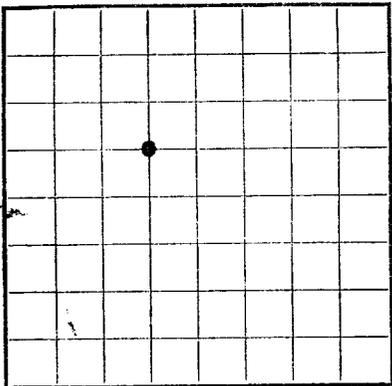
SEC. AND 1/4 OR 1/2	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>SE 1/4 Sec. 28</u>	<u>40S</u>	<u>24E</u>	<u>28-22</u>	<u>-0-</u>						Swabbed 3 days. Recovered 9 bbls load oil and 261 bbls salt water. Perforated 5498' - 5504' with 4 shots per foot. Set Retrievable Plug at 5504', Packer at 5448'. Acidized with 2000 gallons 15% acid. Swabbed 9 days. Recovered 129 bbls new oil and 51 bbls acid water. Pushed plug to 5600'. Ran tubing with mud anchor, tubing anchor and seating nipple. Swabbed 2 days. Recovered 57 bbls oil and 150 bbls salt water. Palled tubing. Ran casing scraper through perforations 5498' - 5504'. Set Baker Cast Iron Bridge Plug at 5554'. Swabbed 8 hours. Recovered 150 bbls salt water with show of oil. Palled and re-ran tubing with tubing anchor, seating nipple and mud anchor. Swabbed 9 hours. Recovered 36 bbls oil and 40 bbls salt water, which was decreasing. Ran rods and pump. Set pump at 5491'. Now installing pumping unit equipment. Well began pumping 11-1-60 and henceforth will be carried on Aneth Report rather than on a separate report.

NOTE.—There were no runs or sales of oil; no M. cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Indian Agency: Navajo
 SERIAL NUMBER 14-20-603-2756
 LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Pure Oil Company Address P.O. Box 265 - Moab, Utah

Lessor or Tract U.S. Government Field Anath State Utah

Anath "A"
 Well No. 28-B2 Sec. 28 T. 43S R. 24E Meridian Salt Lake County San Juan

Location 1980 ft. N of N Line and 1981 ft. E of W Line of SE 1/4, Sec. 28 Elevation 4688 ^{KB} 4579 _(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 J. B. Strong Title District Chief Clerk

Date January 25, 1961

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

Commenced drilling August 19, 1960 Finished drilling September 14, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5498' to 5504' 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 _____ 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-	
<u>13-3/8"</u>	<u>48.7</u>	<u>8</u>	<u>7 1/2" Halliburton</u>	<u>5498'</u>	<u>7 1/2" Comp. shoe</u>	<u>5498'</u>	<u>5504'</u>	<u>Completed to production</u>	
<u>9-5/8"</u>	<u>38.5</u>	<u>8</u>	<u>7 1/2" Halliburton</u>	<u>5498'</u>	<u>7 1/2" Comp. shoe</u>	<u>5498'</u>	<u>5504'</u>	<u>Production</u>	
<u>5-1/2"</u>	<u>15.5</u>	<u>8</u>	<u>7 1/2" Halliburton</u>	<u>5498'</u>	<u>7 1/2" Comp. shoe</u>	<u>5498'</u>	<u>5504'</u>	<u>Production</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>71'</u>	<u>67</u> SK	<u>Halliburton</u>		
<u>9-5/8"</u>	<u>1160'</u>	<u>770</u> SK	<u>Halliburton</u>		
<u>5-1/2"</u>	<u>5760'</u>	<u>150</u> SK	<u>Halliburton</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

76
FOLD MARK

13-3/8"	71'	60 BX	Halliburton
9-5/8"	1180'	770 BX	Halliburton
5-1/2"	5750'	150 BX	Halliburton

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to zero feet, and from 5750' feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____ November 1, 1960
 The production for the first 24 hours was _____ barrels of fluid of which 50 % was oil; _____ %
 emulsion; 50 % water; and _____ % sediment. Gravity, °Bé. 40.3
 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 _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
187'	3460'	187'	Sand.
3460'	4108'	3273'	Sand and shale.
4108'	4276'	618'	Shale and anhydrite.
4276'	4550'	168'	Sand and shale.
4550'	4600'	274'	Sand and lime.
4600'	4693'	50'	Sand and shale.
4693'	4768'	93'	Shale.
4768'	4959'	75'	Sandy lime.
4959'	5543'	191'	Sand and shale.
5543'	5600'	584'	Lime and sand.
5600'	5658'	57'	Lime and shale.
5658'	5760'	58'	Core No. 1 - see below.
5760'	5760'	102'	Lime.
5760'	5760'	5760'	TOTAL DEPTH

Core No. 1 5600' - 5658' Cut & Rec. 58'
 8' - Limestone, gray, fine xln, poor to fair vugular porosity, good odor and stain.
 44' - Limestone, gray, fine xln, dense, shale partings with one foot of shale at
 5638' structural streaks of poor porosity, bleeding filtrate from fractures.
 6' - Limestone, gray, dolomitic, waxy porosity, bleeding filtrate, good stain and odor.

Performed 5-1/2" OD casing 5600' to 5610' with 4 bullets per foot

JAN 26 1961

FORMATION RECORD—Continued

IOARRI

19-43361-7

FROM	TO	TOTAL FEET	FORMATION
Acidized through perforations 5604' - 5610' with 5000 gallons Mud acid, maximum pressure 3800 lbs, minimum 1600 lbs, average injection rate 3 bbls per minute. Packer set at 5575'. Swab tested and recovered salt water.			
Set Retrieval Plug at 5562'. Perforated 5-1/2" OD casing 5498' - 5504' with 4 shots per foot.			
Set Packer at 5448'. Acidized through perforations 5498' - 5504' with 2000 gallons 15% Regular acid, maximum pressure 4300, minimum 3600 lbs. Swab tested for 8 days, recovered 276 bbls new oil and 361 bbls salt water.			
Pushed Retrieval plug down to 5600'. Set Baker Cast Iron Bridge Plug at 5554'.			
Ran rods and pump. Pump set at 5491'. Set pumping unit and started pumping on test November 1, 1950.			
IMPORTANT MARKERS			
Hernost	4615		
Paradox "A"	5441		
Paradox "B"	5586		
Paradox "C"	5599		

FORMATION RECORD

Depth _____ Depth _____
 Depth _____ Depth _____

EMPLOYEES

Back pressure, lbs per sq in _____
 If gas well, cu ft per sq ft of _____
 emulsion: _____
 The production for the first _____

DYLES

Cable tools were used from _____ feet to _____ feet and from _____ feet to _____ feet
 Rotary tools were used from _____ feet to _____ feet and from _____ feet to _____ feet

LOGS USED

LOG NO.	DATE USED	LOGGERS	LOG TYPE	LOG LENGTH	LOG WEIGHT

SHOULDER RECORD

Adapters—Material _____
 Heavying plug—Material _____

PLUGS AND ADAPTERS

PLUG NO.	DATE USED	PLUG TYPE	PLUG LENGTH	PLUG WEIGHT

FIELD MARK

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee 11-20-603-2056

Lease No. _____

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

January 25, 1961

Aneth "A"

Well No. 28-B2 is located 1980 ft. from $\left\{ \begin{matrix} N \\ S \end{matrix} \right\}$ line and 1980 ft. from $\left\{ \begin{matrix} E \\ W \end{matrix} \right\}$ line of sec. 28

SE NW Sec. 28 40E 24E Salt Lake

(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Aneth San Juan Utah

(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~ground~~ ^{ground} floor above sea level is 4679 ft.
~~KB elevation is 4603'.~~

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)

TD 5760' PBD 555'

Well placed on pump 11-1-60 and began pumping at an initial 20 bbls. of oil and 20 bbls. of water per day. This production rapidly declined to approximately one bbl. of oil and 20 bbls. of water per day when it was shut down and rods and tubing were pulled January 21, 1961.

Well temporarily abandoned. Do not wish to plug because the well may be useful in a secondary recovery project at a later date.

The well is properly cased with 5-1/2" OD casing set at 5760', with a Baker cast iron bridge plug set at 555', and will not be detrimental or cause any surface or sub-surface damages if left in present condition.

Log of Oil and Gas Well is attached.

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

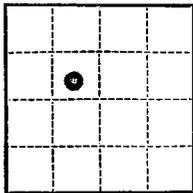
Company The Pure Oil Company

Address P. O. Box 265
Moab, Utah

By W. W. Weir
Title District Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-2056

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)

February 21, 1962

Aneth Unit
Well No. F228 is located 1980 ft. from N line and 1980 ft. from W line of sec. 28
NW 1/4 of Sec. 28 40-S 24-E 31M
(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 4688 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 12-31-61. Set retrievable packer at 5448' and squeezed perforations 5498' to 5504' w/50 sacks of FLAC cement. Pulled packer and drilled out cement plug to 5559' and encountered cast iron plug. Drilled out cast iron plug and cleaned out well to 5704'. Perforated 5-1/2" casing from 5622' to 5628', 5635' to 5640', 5657' to 5664' and 5672' to 5682' with 2 jets per foot. Set retrievable bridge plug at 5690' and packer at 5650'. Treated perforations 5657' to 5664' and 5672' to 5682' with 500 gallons of NELST acid. Acid communicated to upper perforations. Moved packer to 5580' and treated all perforations (5604' to 5610', 5622' to 5628', 5635' to 5640', 5657' to 5664' and 5672' to 5682') with 500 gallons of NELST acid and 5000 gallons of emulsified acid. After completing

(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, N. M.

By _____

Title District Superintendent

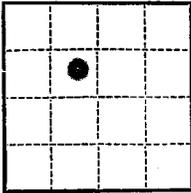
Copy H. K. C.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee 14-20-603-2056
Lease No. _____



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.....	<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.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

December 21, 1962

Aneth Unit
Well No. 7228 is located 1980 ft. from N line and 1980 ft. from EX line of sec. 28
W line of sec. 28
40-S 24E S1M
(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 4688 ft.

DETAILS OF WORK

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

Commenced workover 10-8-62.

Reason for workover was to increase injectivity by opening additional zones in Subzone II.

Ran perforating gun through tubing and perforated 5 1/2" casing from 5684' to 5702' with two jet shots per foot. Put well back on injection and after injecting into well several days, acidized through plastic coated tubing with 2000 gallons retarded acid with stabilizing agent added. Treating pressure 2900 to 2500 PSI with an average injection rate of 3.9 barrels per minute. Five minute shut-in pressure 1800 PSI. On test ending 10-30-62, injected 354 barrels of water into well in 24 hours.

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

Company TEXACO Inc.
Address Box 810
Farmington, N. M.
By [Signature]
Title Dist. Supt.

TED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN 1
(Other instructions
reverse side)

CATE*
on re-

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2056

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

F228

10. FIELD AND POOL, OR WILDCAT

Aneth

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

28, 40-S, 24-E, SLM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

Water injection

2. NAME OF OPERATOR

TEXAGO Inc.

3. ADDRESS OF OPERATOR

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

1980' from North Line and 1980' from West Line

14. PERMIT NO.

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

4688' 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 increase injectivity.

Commenced workover on 6-15-65. Backflowed well and treated all perforations through tubing with 600 gallons of Dowell XL-1 acid. Treating pressure 1700 to 1400 psi with an average injection rate of two barrels per minute. Instant shut-in pressure 1400 psi. Backflowed well and returned to injection. Injected 255 barrels of water into well on 24 hour test ending 6-20-65.

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

SIGNED

[Signature]

TITLE

District Accountant

DATE

June 29, 1965

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

6.33.2(w)
Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2056

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Arnth Unit

8. FARM OR LEASE NAME

9. WELL NO.

F-228

10. FIELD AND POOL, OR WILDCAT

Arnth Field

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

28, T40S-R24E, S1M

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL GAS WELL OTHER Water Injection

2. NAME OF OPERATOR
Texas Inc - Prod. Dept. - Rocky Mtn.

3. ADDRESS OF OPERATOR
Box 810, Farmington, N.M., 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1980 ft. E/No. + 1980 ft. S/W. Lines

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4688 DF

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.)*

10/71 - Backflowed approx 75 BW + acidized w/ 750 gal. 15% reg. acid, w/ L-41 + displaced w/ 880 gal. injection water via sbq.

	PSI	Rate	ISIP	Inj. Test (BWPD)
	MAX MIN	BPM	10MIN	Before After
Acid	3150 1650	3	3100 2200	300@2375 500@2250
Flush	2300 3150	2		

18. I hereby certify that the foregoing is true and correct
SIGNED E L Esten TITLE District Superintendent DATE 2-16-72

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(3) OGOC(2) Navajo Tribe - Superior Oil Co - NNB - GLE - WLV
Carter

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2056

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

9. WELL NO.

F228

10. FIELD AND POOL, OR WILDCAT

Aneth Field

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

28, T40S, R24E, SLM

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 **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

1980' FNL & 1980' FWL

14. PERMIT NO.

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

4688' 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.)*

Commenced workover 9-23-74. Rigged up and jetted 35,000 SCF to TD.
Treat all perf with 700 gal. 15% HCL @ 1/2 BPM, followed with 25,000 SCF
Nitrogen to displace acid. Return to Injection.

Before workover: injection = 350 BWIPD @ 2000 psi.
After workover: Injection = 480 BWIPD @ 2000 psi.

Injection increased by 130 BWIPD.

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

SIGNED

Alvin R. Mamy

TITLE **Field Foreman**

DATE **3-13-75**

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

USGS (3), OGFC (2), JAS, GLE, ARM, SUPERIOR, NAVAJO TRIBE

*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 XX
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE Aneth Unit F22B WELL
 SEC. 28 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>F228</u>	Field <u>Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SE 1/4 NW 1/4</u> Sec. <u>28</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>7-13-83</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>1140'</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	State What <u>Oil & Gas</u>	
Location of Aneth Unit Producing Injection Source(s) wells & San Juan River		Geologic Name(s) <u>Desert Creek & Ismay</u> and Depth of Source(s) <u>+/- 5600'</u>	
Geologic Name of Injection Zone <u>Paradox: Desert Creek</u>		Depth of Injection Interval <u>5622</u> to <u>5702</u>	
a. Top of the Perforated Interval: <u>5622'</u>	b. Base of Fresh Water: <u>1140'</u>	c. Intervening Thickness (a minus b) <u>4482'</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 & 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. Mary Field Supt.

County of Montezuma, Alvin R. Mary Applicant

I, the undersigned authority, on this day personally appeared Alvin R. Mary 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

My commission expires 10/25/87

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

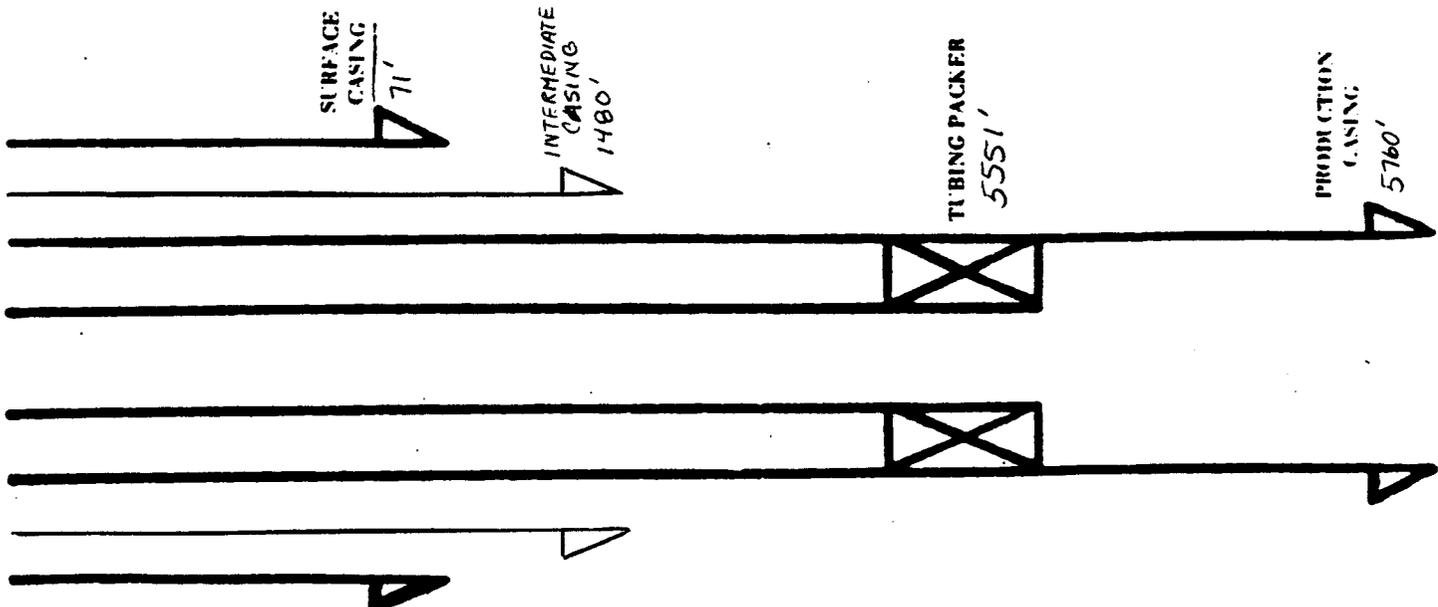
(OVER)

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	13 3/8"	71'	60	Surface	Cement Circulated
Intermediate	9 5/8"	1480'	770	Surface	Cement Circulated
Production	5 1/2"	5760'	150	NA	-
Tubing	2 3/8"	5551'	Name - Type - Depth of Tubing Packer Baker - 5 1/2" Model R-3 double grip - 5551'		
Total Depth	Geologic Name - Inj. Zone		Depth - Top of Inj. Interval	Depth - Base of Inj. Interval	
5760'	Desert Creek		5622'	5702'	

SKETCH - SUBSURFACE FACILITY



(To be filed within 30 days after drilling is completed) 14-20-603-2056
COUNTY LEASE NO.

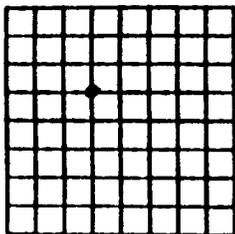
DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING

Room 4241 State Office Building

Salt Lake City, Utah 84114

API NO
040 Acres



Locate Well Correctly and Outline Lease

COUNTY San Juan SEC. 28 TWP. 40S RGE. 24E
COMPANY OPERATING Texaco Inc
OFFICE ADDRESS P O Box EE
TOWN Cortez STATE CO ZIP 81321
FARM NAME Aneth Unit WELL NO. F228
DRILLING STARTED 8-19 1960 DRILLING FINISHED 9-14 1960
DATE OF FIRST PRODUCTION 11-1-60 COMPLETED 11-1-60
WELL LOCATED C X SE N NW ¼
3300 FT. FROM SE OF X SEC. & 1980 FT. FROM WL OF X SEC.
ELEVATION DERRICK FLOOR 4688 GROUND 4679

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
Desert Creek	5599	5760			
Ismay	5489	5586			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	San	Filltop	Top
13 3/8"	48 #4	NA	71'	NA	60	-	Surface
9 5/8"	36 #4	NA	1480'	NA	770	-	Surface
5 1/2"	14 #155 #4	NA	5760'	NA	150	-	NA

TOTAL DEPTH 5760'

PACKERS SET DEPTH 5551' RB

FORMATION	1	2	3
FORMATION	<u>Ismay</u>	<u>Desert Creek</u>	<u>Desert Creek</u>
SPACING & SPACING ORDER NO.	<u>40 acre</u>	<u>40 acre</u>	<u>40 acre</u>
CLASSIFICATION (Oil; Gas; Dry; Inf. Well)	<u>Oil</u>	<u>Inj</u>	<u>Inj</u>
PERFORATED	<u>5498-5504</u>	<u>Sqz 5498-5504</u> Perf: <u>5622-28, 5635-40</u>	<u>(10-8-62) 5684-5702</u>
INTERVALS		<u>5657-64, 5672-82</u>	
ACIDIZED?	<u>Acidized w/2000 gal 15% reg. acid</u>	<u>Acidized w/1000 gal NELST acid and 5000 gal emulsified acid</u>	<u>(10-8-62) Acid w/2000 gal ref. acid</u>
FRACTURE TREATED?	<u>No</u>	<u>No</u>	

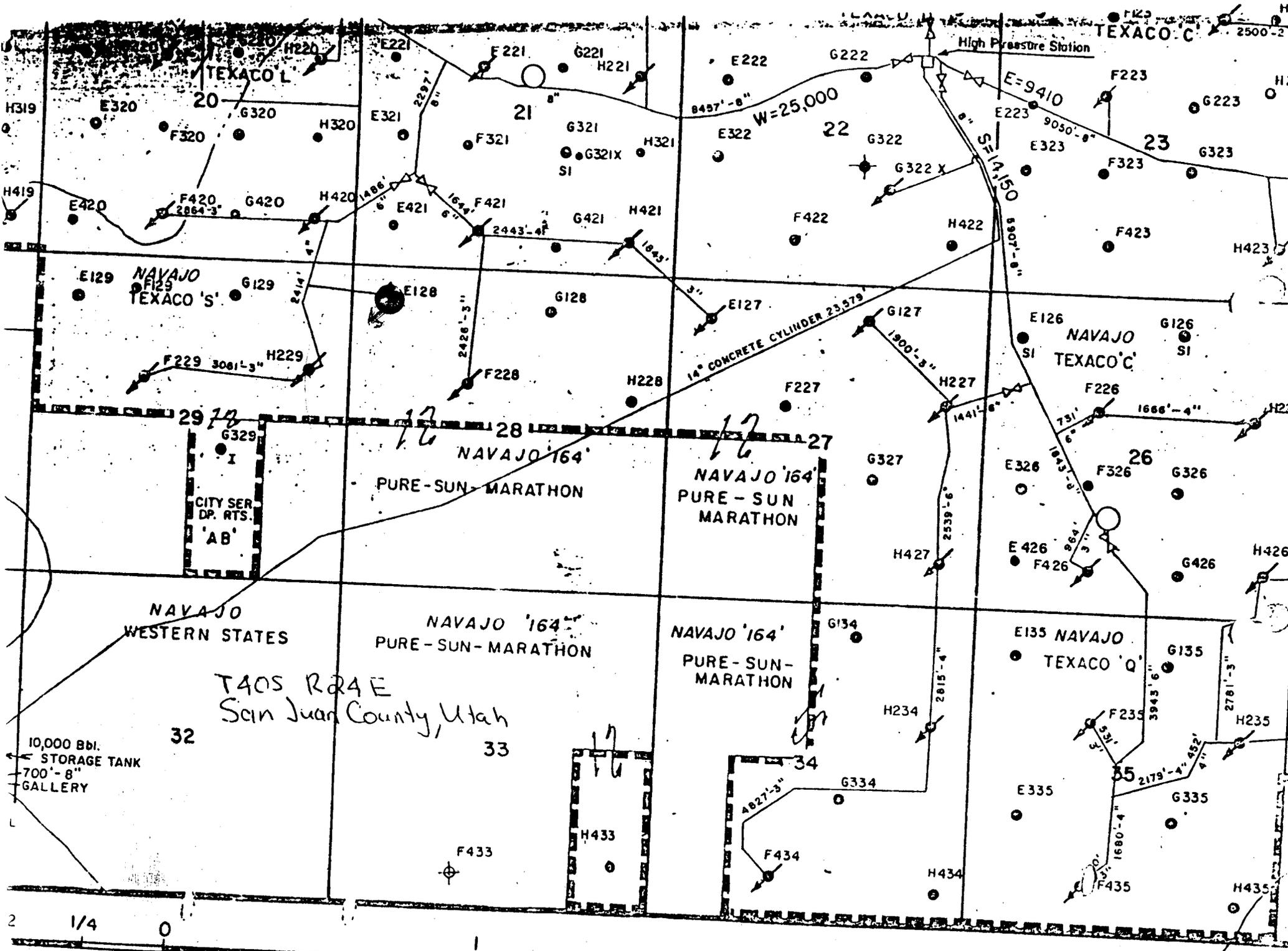
INITIAL TEST DATA

Date	11-1-60	12-31-61	10-30-62
Oil bbl./day	<u>20</u>	<u>Shut in</u>	
Oil Gravity	<u>40.8</u>	<u>waiting on</u>	
Gas Co. Ft./day	<u>NA</u>	<u>water inj.</u>	
Gas-Oil Ratio Co. Ft./Bbl.	<u>NA</u>	<u>line</u>	
Water-Bbl./day	<u>20</u>		<u>354 BWIP</u>
Pumping or Flowing	<u>Pumping</u>		<u>Injecting</u>
CHOKE SIZE	<u>NA</u>		
FLOW TUBING 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 John R. Moore Field Supt.
STATE OF Colorado Name and title of representative of company
County of Montezuma
Subscribed and sworn before me this 16th day of December, 1983
My Commission expires John D. Roybal
10/26/87 728 N. Beech, Cortez, Co. 81321



10,000 Bbl.
STORAGE TANK
700'-8"
GALLERY

TAOS R24E
San Juan County, Utah

2 1/4 0

INSTRUCTIONS - CANCELS LETTER(S) OF _____

SIGNED BY _____

PERMANENT

ROUTINE

TEMPORARY

TEXACO

19

(LOCATION)

(DATE)

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

SiO₂ - 16 ppm

CO₃⁼ - 130 ppm

Ca⁺ - 7 ppm

HCO₃⁻ - 156 ppm

Mg⁺⁺ - 28 ppm

SO₄⁼ - 599 ppm

Na⁺ - 76 ppm

Cl⁻ - 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

SiO₂ - 17 ppm

CO₃⁼ - 925 ppm

Ca⁺ - 6 ppm

HCO₃⁻ - 912 ppm

Mg⁺⁺ - 8 ppm

SO₄⁼ - 265 ppm

Na⁺ - 915 ppm

Cl⁻ - 271 ppm

* Note: these numbers were obtained from Texaco Files in the Denver Division office.

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

P.O. Box 2100

Denver, Colo

80201 By _____

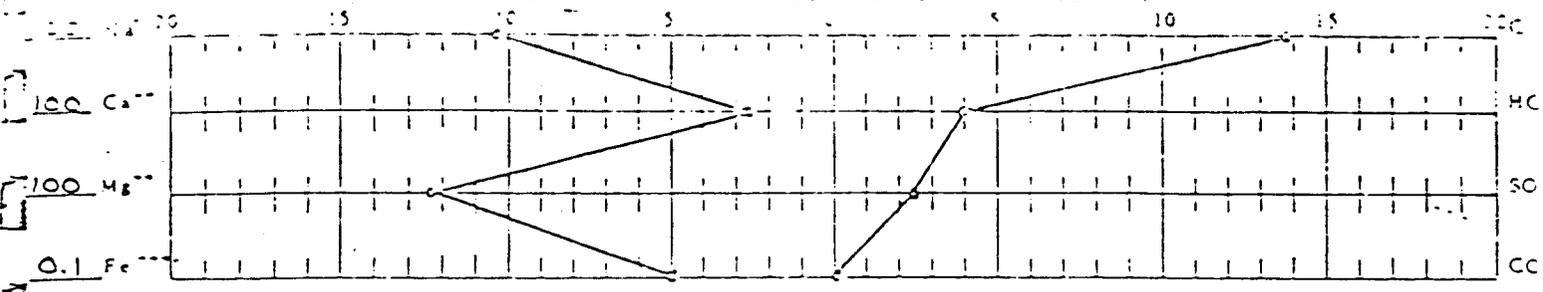
NL Treating Chemicals/NL Industries, Inc.

P.O. Box 1675, Houston, Texas 77001

WATER ANALYSIS REPORT

COMPANY TEXACO, INCORPORATED				SHEET NUMBER 5		
FIELD ANETH				DATE 5 APRIL 1982		
WELL OR UNIT ANETH			COUNTY OR PARISH SAN JUAN		STATE UTAH	
WELL OR NAME OR NO. INJECTION WATER			WATER SOURCE INFORMATION			
DEPTH, FT.	DATE, F.	SAMPLE SOURCE PLANT	TEMP, F.	WATER, GPD DAY	OIL, BBL/DAY	GAS, MCF/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				

WATER ANALYSIS PATTERN
NUMBER REPRESENTS MEQ/L INDICATES MEQ/L SCALE UNIT



DISSOLVED SOLIDS

CATIONS	
Total Hardness	392.0
Calcium, Ca ⁺⁺	268.0
Magnesium, Mg ⁺⁺	124.0
Iron (Total) Fe ⁺⁺⁺	0.5
Barium, Ba ⁺⁺	—
Sodium, Na ⁺ (calc.)	1035.1

ANIONS	
Chloride, Cl ⁻	1380.3
Sulfate, SO ₄ ⁻²	24.5
Carbonate, CO ₃ ⁻²	0.0
Bicarbonate, HCO ₃ ⁻	4.0
Hydroxyl, OH ⁻	0.0
Sulfide, S ⁻²	18.8

DISSOLVED GASES

Hydrogen Sulfide, H ₂ S	337.5 mg/l
Carbon Dioxide, CO ₂	185.0 mg/l
Oxygen, O ₂	1.0 mg/l

PHYSICAL PROPERTIES

pH	6.65
Eh (Redox Potential)	N.D. MV
Specific Gravity	N.D.
Turbidity, NTU Units	N.D.
Total Dissolved Solids (calc.)	21385.3 mg/l
Corrosivity Index @ 77 F	+0.39
@ 140 F	+1.32
CaSO ₄ Solubility @ 77 F	306.6 me/l
@ 176 F	306.8 me/l
Max. CaSO ₄ Possible (calc.)	24.5 me/l
Max. BaSO ₄ Possible (calc.)	1.0 mg/l
Residual Hydrocarbons	N.D. ppm

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 commonly used interchangeably for epm and ppm respectively. Where epm and ppm are used, corrections should be made for specific gravity.

ENGINEER MARK BROTHERS	DIR. NO. 12	ADDRESS FARMINGTON, N.M.	OFFICE PHONE 505-325-5701	HOME PHONE 505-325
----------------------------------	-----------------------	------------------------------------	-------------------------------------	------------------------------

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Texaco Well No. North West F228
 County: San Juan T 40S R 24E Sec. 28 API# 43-037-16291
 New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<u>✓</u>	_____
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	_____
Schematic Diagram	<u>✓</u>	_____
Fracture Information	<u>✓</u>	_____
Pressure and Rate Control	<u>✓</u>	_____
Adequate Geologic Information	<u>✓</u>	_____
Fluid Source	<u>Desert Creek - Gravity</u>	
Analysis of Injection Fluid	Yes <u>✓</u> No _____	TDS <u>81385</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u> No _____	TDS <u>81385</u>
Known USDW in area	<u>None</u>	Depth <u>1140</u>
Number of wells in area of review	Prod. <u>3</u>	P&A <u>0</u>
	Water <u>0</u>	Inj. <u>3</u>
Aquifer Exemption	Yes _____	NA _____
Mechanical Integrity Test	Yes _____	No _____
	Date _____	Type _____

Comments: _____

Reviewed by: _____

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

Operator: TEXACO INC.	Field/Unit: GREATER ANETH
Well: F-228	Township: 40S Range: 24E Sect: 28
API: 43-037-16291	Welltype: INJI Max Pressure: 2500
Lease type: INDIAN	Surface Owner: NAVAJO
Last MIT Date: 07/13/83	Witness: F Test Date: 9-20-87

CASING STRING	SIZE	SET AT	PRESSURE	OBSERVATIONS
---------------	------	--------	----------	--------------

Surface:	133/8	71	100	oil
Intermediate:	9 5/8	1480		
Production:	5 1/2	5760	100	oil
Other:		0		
Tubing:	2 3/8		2250	shut in
Packer:		5551		

Recommendations:

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MAY 28 1991

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

DIVISION OF
OIL GAS & MINING

Well name and number: See Attached Listing
Field or Unit name: _____ API no. _____
Well location: QQ _____ section _____ township _____ range _____ county _____
Effective Date of Transfer: 6-1-91

CURRENT OPERATOR

Transfer approved by:
Name R. S. Lane Company Texaco Inc.
Signature *R. S. Lane* Address P. O. Box 3109
Title Attorney-in-Fact Midland, TX 79702
Date _____ Phone (915) 688-4100
Comments: Correspondence Address: Texaco Inc.
3300 North Butler
Farmington, NM 87401
(505) 325-4397

NEW OPERATOR

Transfer approved by:
Name R. S. Lane Company Texaco Exploration and Production Inc.
Signature *R. S. Lane* Address P. O. Box 3109
Title Attorney-in-Fact Midland, TX 79702
Date _____ Phone (915) 688-4100
Comments: Correspondence Address: Texaco Exploration and Production Inc.
3300 North Butler
Farmington, NM 87401
(505) 325-4397

(State use only)
Transfer approved by *Kilbuck* Title UIC Manager
Approval Date 6-26-91



Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

May 22, 1991

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MAY 28 1991

DIVISION OF
OIL GAS & MINING

Division of Oil, Gas, and Mining
Attn: Ms. Lisha Romero
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

This is to advise that as a part of a reorganization of Texaco Inc., a Delaware corporation, the name of Texaco Producing Inc., a Delaware corporation and wholly owned subsidiary of Texaco Inc., has been changed to Texaco Exploration and Production Inc. Further, Texaco Exploration and Production Inc. will succeed to the rights, titles, interests and obligations of Texaco Inc.

This means that Texaco Exploration and Production Inc. will be the operator for all the oil and gas properties that were operated by Texaco Inc. and Texaco Producing Inc. We plan to abbreviate the name as Texaco E & P Inc. for purposes of submitting production reports, etc., via computer, and we suggest that for consistency you use that abbreviation also.

We have enclosed a Sundry Notice with a list of the wells which Texaco operates in Utah. Also attached is UIC Form 5 for transfer of injection authority. Please note that Texaco has two Divisions which operate wells in Utah. One is located in Denver, Colorado, and the other is in Midland, Texas. We have enclosed separate Sundry Notices and lists of wells for each Division. If you have questions concerning the Denver-operated wells, please call Roger Hadley at (303) 793-4833. If you have questions concerning the Midland-operated wells, please call Ken Miller at (915) 688-4834.

Please change any of your other records as necessary to reflect this change.

Yours very truly,

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING

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.)

Form fields 1-15: 1. OIL WELL [] GAS WELL [] OTHER []; 2. NAME OF OPERATOR: Texaco Exploration and Production Inc.; 3. ADDRESS OF OPERATOR: P.O. Box 46510, Denver, CO 80201; 4. LOCATION OF WELL: AT SURFACE; 5. LEASE DESIGNATION AND SERIAL NO.; 6. IF INDIAN, ALLOTTEE OR TRIBE NAME; 7. UNIT AGREEMENT NAME; 8. FARM OR LEASE NAME; 9. WELL NO.; 10. FIELD AND FOOT, OR WILDCAT; 11. SEC., T., R., M., OR BLK. AND SURVEY OR ASSA; 12. COUNTY OR PARISH; 13. STATE; 14. PERMIT NO.; 15. ELEVATIONS (Show whether OF, ST, OR, etc.)

RECEIVED stamp

MAY 28 1991 stamp

DIVISION OF OIL GAS & MINING

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) Transfer of Plugging Bond [X]; FULL OR ALTER CASING [], MULTIPLE COMPLETE [], ABANDON* [], CHANGE PLANS []; SUBSEQUENT REPORT OF: WATER SHUT-OFF [], FRACTURE TREATMENT [], SHOOTING OR ACIDIZING [], (Other) Transfer of Owner/Operator [X]; REPAIRING WELL [], ALTERING CASING [], ABANDONMENT* [].

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. has assigned all its ownership rights in the subject well. As of January 1, 1991, Texaco Inc. is no longer the Operator of subject well. The New Operator Texaco Exploration and Production Inc. hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Commission for proper plugging and surface restoration of the subject well.

Former Operator: TEXACO INC. Signed: [Signature] Attorney-In-Fact for Texaco Inc. Date: 3/1/91

New Operator: Texaco Exploration and Production Inc. Signed: [Signature] Title: Division Manager Date: 3/1/91

18. I hereby certify that the foregoing is true and correct. SIGNED: [Signature] TITLE: Division Manager DATE: 3/1/91

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

10. API Well Number

11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT for such proposals

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
Texaco Exploration and Production Inc.

3. Address of Operator
3300 North Butler, Farmington, NM 87401

4. Telephone Number
(505) 325-4397

5. Location of Well
Footage :
County :
QQ, Sec. T., R., M. : See Attached State : UTAH

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other Transfer of Plugging Bond
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other Change of Operator/Operator Name
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This submittal is for a change of operator (name change) for all of the attached wells. The new operator, Texaco Exploration and Production Inc., hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Department for proper plugging and surface restoration of the attached wells. All contact personnel, office addresses and phone numbers will remain the same.

FORMER OPERATOR: TEXACO INC.

NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

SIGNED: [Signature]
Attorney-in-Fact

SIGNED: [Signature]
Assistant Division Manager

DATE: _____

DATE: _____

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

Name & Signature _____ Title Asst. Div. Manager Date _____

(State Use Only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection well	5. Lease Designation and Serial No. 14-20-603-2056
2. Name of Operator Texaco Inc.	6. If Indian, Allottee or Tribe Name Navajo
3. Address and Telephone No. 3300 N. Butler, Farmington N.M. 87401 (505)325-4397	7. If Unit or CA, Agreement Designation Aneth Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980 FNL & 1980 FWL Section 28-T40S-R24E	8. Well Name and No. F228
	9. API Well No. 43037162910002
	10. Field and Pool, or Exploratory Area Desert Creek and Ismay
	11. County or Parish, State San Juan, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. 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.)*

See attached procedure and wellbore diagrams for pertinent details. Tentative start date is June 1, 1991.

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JUN 07 1991
DIVISION OF OIL GAS & MINING

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

DATE: 6-13-91
BY: JAN Matthews

14. I hereby certify that the foregoing is true and correct
Signed Alan G. Klever Title Area Manager Date 04/18/91
(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

**ANETH UNIT WELL No. F228
PLUGGING PROCEDURE**

- 1.) MIRUPU. Install BOP w/ 2-3/8" pipe and blind rams.
- 2.) TIH w/ 2-3/8" work string and sting into cement retainer at 4402'. Rig up cementers and pump down tubing to establish rate and pressure. If rate and pressure can be established then pump 64 bbls. of cement.
- 3.) Pull out of retainer and spot 50' of cement (2 bbls.) on top of cement retainer. Flush tubing with 17 bbls. of 10 ppg mud. Pull up to 4375' and spot 40 bbls. of 10 ppg mud from 4375' to 2705'.
- 4.) TOOH and rig up wireline service. Shoot 4 squeeze holes at 2705'.
- 5.) TIH w/ tubing and 5-1/2" cement retainer. Set retainer at 2605' and pump 12 bbls. of cement. Pull out of retainer and spot 50' of cement (2 bbls.) on top of cement retainer. Flush tubing with 10 bbls. of 10 ppg mud. Pull up to 2530' and spot 23 bbls. of 10 ppg mud from 2530' to 1615'.
- 6.) TOOH and rig up wireline service. Shoot 4 squeeze holes at 1615'.
- 7.) TIH w/ tubing and 5-1/2" cement retainer. Set retainer at 1465' and pump 17 bbls. of cement. Pull out of retainer and spot 50' of cement (2 bbls.) on top of cement retainer. Flush tubing with 6 bbls. of 10 ppg mud. Pull up to 1390' and pump 32 bbls. of 10 ppg mud.
- 8.) Spot 50' surface plug (2 bbls.) in 5-1/2" casing, cut off wellhead, erect marker, remove flowline and deadmen, and clean location.

Cement - API Class G neat cement w/ 6% bentonite.
Water requirements: 8.9 gal./sx.
Slurry volume: 1.71 cu. ft./sx.
Slurry weight: 13.6 lbs/gal.

Aneth Unit # F-228

Current Completion

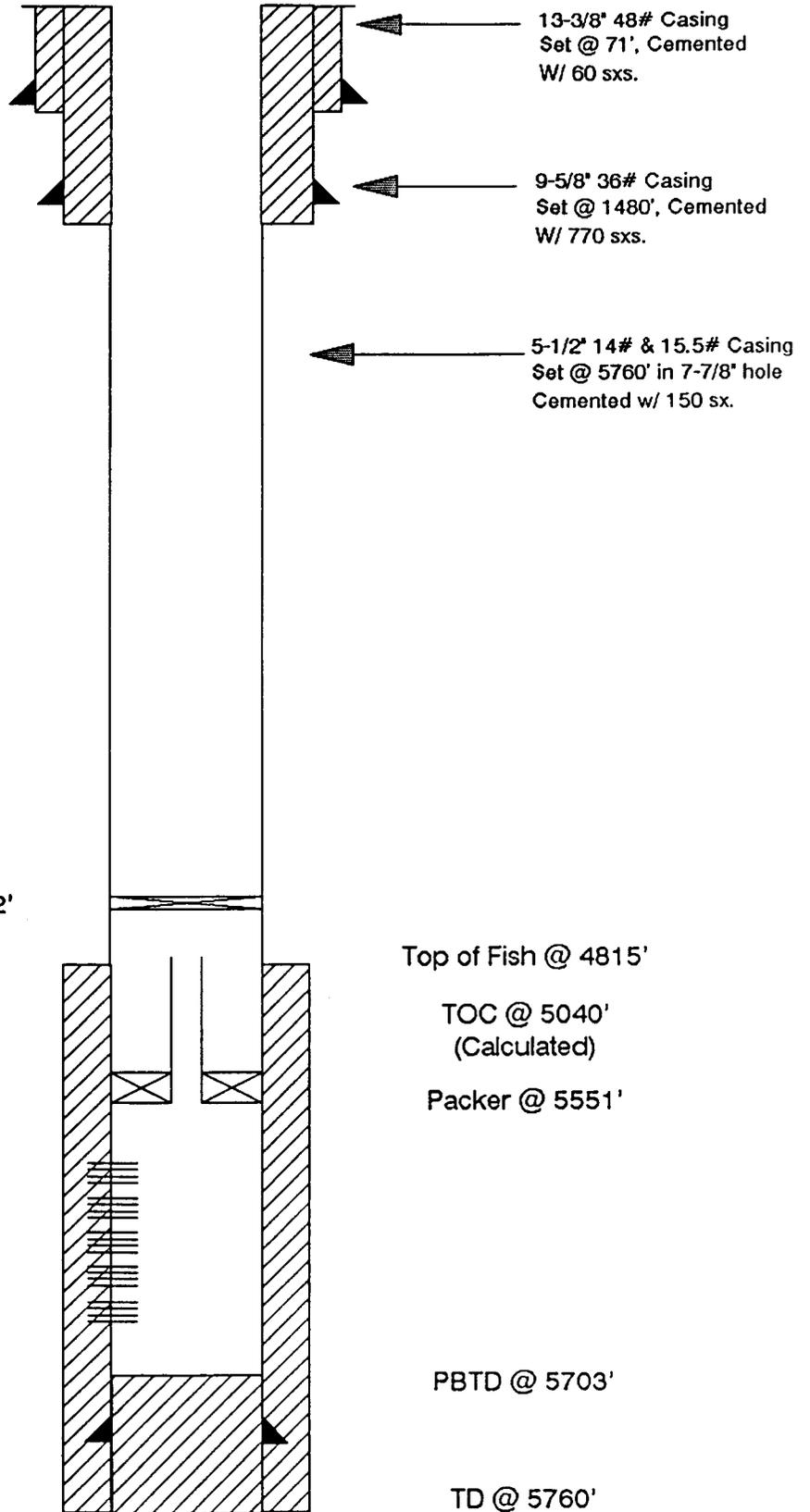
Formation Tops:

Navajo	740'
Chinlee	1563'
DeChelly	2655'
Hermosa	4615'
Ismay	5441'
Desert Creek	5586'

Cement Retainer @ 4402'

Existing Perforations:

5622-28
 5635-40
 5657-64
 5672-80
 5684-5702



13-3/8" 48# Casing
 Set @ 71', Cemented
 W/ 60 sxs.

9-5/8" 36# Casing
 Set @ 1480', Cemented
 W/ 770 sxs.

5-1/2" 14# & 15.5# Casing
 Set @ 5760' in 7-7/8" hole
 Cemented w/ 150 sx.

Top of Fish @ 4815'

TOC @ 5040'
 (Calculated)

Packer @ 5551'

PBTD @ 5703'

TD @ 5760'

Aneth Unit # F-228 Plug and Abandonment

Formation Tops:

Navajo	740'
Chinlee	1563'
DeChelly	2655'
Hermosa	4615'
Ismay	5441'
Desert Creek	5586'

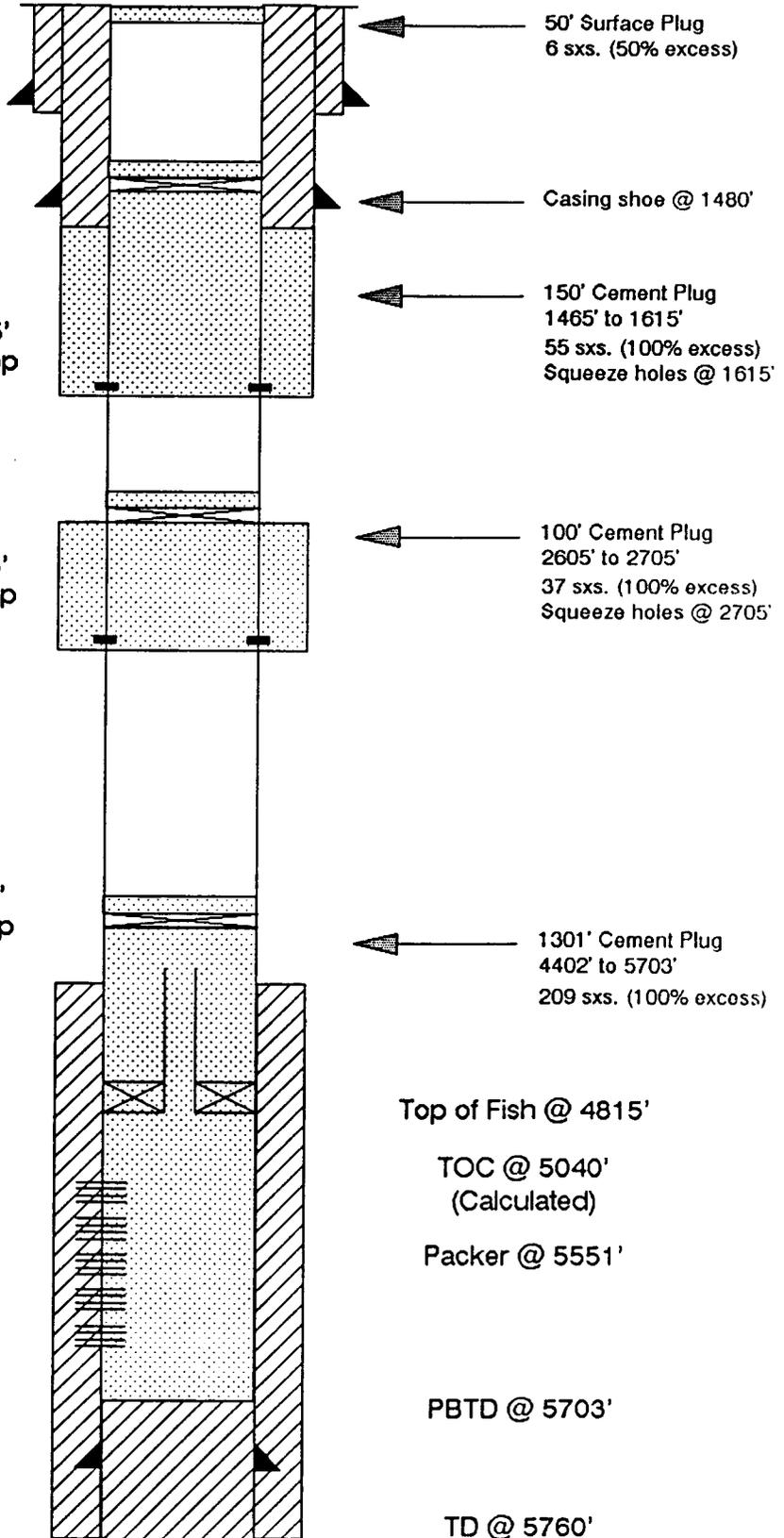
Cement Retainer @ 1465'
W/ 50' Cement plug on top
6 sxs. (50% excess)

Cement Retainer @ 2605'
W/ 50' Cement plug on top
6 sxs. (50% excess)

Cement Retainer @ 4402'
W/ 50' Cement plug on top
6 sxs. (50% excess)

Existing Perforations:

- 5622-28
- 5635-40
- 5657-64
- 5672-80
- 5684-5702



50' Surface Plug
6 sxs. (50% excess)

Casing shoe @ 1480'

150' Cement Plug
1465' to 1615'
55 sxs. (100% excess)
Squeeze holes @ 1615'

100' Cement Plug
2605' to 2705'
37 sxs. (100% excess)
Squeeze holes @ 2705'

1301' Cement Plug
4402' to 5703'
209 sxs. (100% excess)

Top of Fish @ 4815'

TOC @ 5040'
(Calculated)

Packer @ 5551'

PBT @ 5703'

TD @ 5760'

Routing:

1- LCR/GIL	✓
2- DTS/DTS	✓
3- VLC	✓
4- RJF	✓
5- RWM	✓
6- LCR	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)
(TEXACO EXPLORATION AND PRODUCTION INC.)

TO (new operator)	<u>TEXACO E & P INC.</u>	FROM (former operator)	<u>TEXACO INC.</u>
(address)	<u>3300 NORTH BUTLER</u>	(address)	<u>3300 NORTH BUTLER</u>
	<u>FARMINGTON, NM 87401</u>		<u>FARMINGTON, NM 87401</u>
	<u>BRENT HELQUIST</u>		<u>FRANK</u>
	phone (505) <u>325-4397</u>		phone (505) <u>325-4397</u>
	account no. <u>N 5700 (6-5-91)</u>		account no. <u>N 0980</u>

Well(s) (attach additional page if needed):

Name: <u>(SEE ATTACHED)</u>	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- See 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (5-28-91)
- N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
- See 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) ____ If yes, show company file number: #114097.
- See 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- See 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-11-91)
- See 6. Cardex file has been updated for each well listed above.
- See 7. Well file labels have been updated for each well listed above. (will update when filing)
- See 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
- See 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #K0290791-4 80,000-Ins. Co. of N. America rec. 2-11-91.
- A copy of this form has been placed in the new and former operators' bond files.
- The former operator has requested a release of liability from their bond (yes/no) yes. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____. #m157448 80,000-Ins. Co. of N. America

STATE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Copies of documents have been sent to State Lands for changes involving State leases. 6-27-91

MICROFILMING

- All attachments to this form have been microfilmed. Date: July 15 1991

FILED

- Copies of all attachments to this form have been filed in each well file.
- The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

910606 Btm/Farmington N.M. - Duane Spences (505) 327-5344 will follow up & call back.
 910607 Btm/Farmington - Approved 4-2-91 "Company Merges" Includes Aneth Unit and Ismay Flodine Unit.
 910607 St. Lands approved 4-15-91 "merges".

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME				
NO980	TEXACO INC	365	GREATER ANETH	S400	E240	24	NWSE	43037.16111	PRDX	WIW	99990	NAVAJO TRIBE C-15 (ANETH)				
				S400	E240	24	SESE	43037.16331	PRDX	WIW	99990	NAVAJO TRIBE C-28 (ANETH)				
				S400	E240	24	SENE	43037.16315	DSCR	PA	99998	NAVAJO TRIBE C-26 (ANETH)				
				S400	E240	25	SENE	43037.16124	PRDX	WIW	99990	NAVAJO TRIBE C-11 (ANETH)				
				S400	E240	25	SESW	43037.16301	PRDX	WIW	99990	NAVAJO TRIBE C-32 (ANETH)				
				S400	E240	25	SESE	43037.16129	PRDX	WIW	99990	NAVAJO TRIBE C-24 (ANETH)				
				S400	E240	25	NWNW	43037.16053	PRDX	WIW	99990	NAVAJO TRIBE C-14 (ANETH)				
				S400	E240	25	NWSW	43037.16070	PRDX	WIW	99990	NAVAJO TRIBE C-21 (ANETH)				
				S400	E240	25	NWNE	43037.16095	HRMS	WIW	99990	NAVAJO TRIBE C-6 (ANETH)				
				S400	E240	26	SENE	43037.16290	PRDX	WIW	99990	NAVAJO TRIBE C-23 (ANETH)				
				S400	E240	26	SESW	43037.16302	PRDX	WIW	99990	NAVAJO TRIBE C-4 (ANETH)				
				S400	E240	26	NWNW	43037.16054	PRDX	WIW	99990	NAVAJO TRIBE C-29 (ANETH)				
				S400	E240	26	NWNE	43037.30372	DSCR	WIW	99990	ANETH G-126X				
				S400	E240	26	SESE	43037.16332	PRDX	WIW	99990	NAVAJO TRIBE C-31 (ANETH)				
				S400	E240	26	NWSE	43037.16113	PRDX	WIW	99990	NAVAJO TRIBE C-27 (ANETH)				
				S400	E240	26	SENE	43037.16316	PRDX	WIW	99990	NAVAJO TRIBE C-19 (ANETH)				
				S400	E240	27	SESE	43037.16333	PRDX	WIW	99990	ANETH 27-D-4 (ANETH H-427)				
				S400	E240	27	NWNW	43037.16782	PRDX	WIW	99990	ANETH 27-A-1 (ANETH E-127)				
				S400	E240	27	SENE	43037.16317	PRDX	WIW	99990	ANETH 27-D2 (ANETH H-227)				
				S400	E240	27	NWNE	43037.16307	PRDX	WIW	99990	ANETH 27-C-1 (ANETH G-127)				
				S400	E240	28	SENE	43037.16228	PRDX	WIW	99990	ANETH H-228				
				S400	E240	28	SENE	43037.16291	PRDX	WIW	99990	ANETH A-28-B-2 (ANETH F-2)				
				380	ISMAY	S400	E260	16	NESW	43037.16462	PRDX	WIW	99990	STATE WOOLLEY #4 (T-316)		
						S400	E260	17	NENW	43037.16456	ISMY	WIW	99990	NAVAJO TRIBE J-23 (T-117)		
						S400	E260	17	NESW	43037.16463	HRMS	WIW	99990	NAVAJO TRIBE J-10 (T-317)		
						S400	E260	17	NENE	43037.16188	HRMS	WIW	99990	NAVAJO TRIBE J-5 (V-117)		
						S400	E260	17	NESE	43037.16192	HRMS	WIW	99990	NAVAJO TRIBE J-2 (V-317)		
						S400	E260	18	NENW	43037.16457	ISMY	WIW	99990	NAVAJO TRIBE K-3 (T-118)		
						S400	E260	19	NENW	43037.16458	ISMY	WIW	99990	NAVAJO TRIBE K-9 (T-119)		
						S400	E260	21	NENE	43037.16191	ISMY	WIW	99990	NAVAJO TRIBE J-7 (V-121)		
						S400	E260	21	NENW	43037.16460	HRMS	WIW	99990	NAVAJO TRIBE J-4 (T-121)		
						S400	E260	21	SWSE	43037.11267	ISMY	WIW	99990	NAVAJO TRIBE J-24 (U-421)		
						S400	E260	21	NESE	43037.16194	ISMY	WIW	99990	NAVAJO TRIBE J-19 (V-321)		
						S400	E260	22	NENW	43037.16461	ISMY	PA	99998	NAVAJO TRIBE J-20 (T-122)		
						S400	E260	27	NENW	43037.16232	PRDX	PA	99998	EAST ANETH 27-B1 (T-127)		
						S400	E260	27	NESW	43037.16233	PRDX	WIW	99990	EAST ANETH 27-B3 (T-327)		
						S400	E260	28	NENE	43037.16466	PRDX	PA	99998	EAST ANETH 28-D1 (V-128)		
						365	GREATER ANETH	S400	E230	12	NWSE	43037.30112	DSCR	WIW	99990	ANETH UNIT C-312
								S400	E230	12	NESW	43037.16272	DSCR	WIW	99990	BURTON 23-12 (ANETH B312)
								S400	E230	12	NWNE	43037.16274	DSCR	WIW	99990	BURTON 31-12 (ANETH C-112)
				S400	E230			13	NWSW	43037.30299	DSCR	WIW	99990	ANETH UNIT A-313		
				S400	E230			13	SENE	43037.15825	IS-DC	WIW	99990	BURTON 22-13 (ANETH B-213)		
				S400	E230			13	NWNW	43037.30119	DSCR	WIW	99990	ANETH UNIT A-113		
				S400	E230			13	NWNE	43037.15827	IS-DC	WIW	99990	BURTON 31-13 (ANETH C-113)		
				S400	E230			13	NWSE	43037.15828	PRDX	WIW	99990	BURTON 33-13 (ANETH C-313)		
S400	E230	13	SESW	43037.30297	DSCR			WIW	99990	ANETH B-413						
S400	E230	13	SESE	43037.16279	PRDX			WIW	99990	BURTON 44-13 (ANETH D-413)						

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
14-20-603-2056

6. If Indian, Allottee or Tribe Name
Navajo

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Aneth Unit

1. Type of Well
 Oil Well Gas Well Other **Injection well**

8. Well Name and No.
F228

2. Name of Operator
Texaco Exploration and Production Inc.

9. API Well No.
43037162910002

3. Address and Telephone No.
3300 N. Butler, Farmington N.M. 87401 (505)325-4397

10. Field and Pool, or Exploratory Area
Desert Creek and Ismay

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FNL & 1980 FWL Section 28-T40S-R24E

11. County or Parish, State
San Juan, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

12/2/91 - MIRUPU. NUBOP's. Pickup workstring and sting into cement retainer at 4360'. Pumped 54 bbls of API class G cement at 2 BPM @ 1500 psi. Spot 60' of cement on retainer and 10 ppg mud from 4300' to 2700'. TOOH. RU wireline and shot 4 squeeze holes at 2700'. TIH w/ cement retainer and set at 2600'. Squeezed 8 bbls of cement at 2 BPM @ 1900 psi. Spot 60' of cement on retainer and 10 ppg mud from 2540' to 1600'. TOOH. RU wireline and shot 4 squeeze holes at 1600'. TIH w/ cement retainer and set at 1450'. Established circulation through Bradenhead and pumped 91 bbls of cement. Spot 60' of cement on retainer and 10 ppg mud to surface. TOOH. Bradenhead went on a vacuum. Tied onto Bradenhead and pumped 15 bbls of cement at .5 BPM @ 200 psi. Placed 4 bbls of cement in 5-1/2" casing to surface. RDMOL.

EPA witness - Ken Lingo

RECEIVED

DEC 13 1991

DIVISION OF
OIL GAS & MINING

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

Signed J. A. J...

Title **Area Manager**

Date 12-05-91

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

3 - Farmington (5), UOGCC (3), Navajo Tribe (1), TAT

JLB