

# FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

## COMPLETION DATA:

Date Well Completed 4-18-54 Location Indexed

OWL  WA  FA

Bond returned

GW  CS  FA

State of Fee Land

LOGS FILED

Drill Log

Electric Logs (No. ) 6

E  I  E-I

GR

GRN

Micro

Lat  M-L

Sonic

Others: Temperature Log

Scout Report sent out



Noted in the NID File



Location map pinned



Approval or Disapproval Letter



Date Completed P. & A. or  
operations suspended

4/18/56

Pin changed on location map



Affidavit and Record of A & P



Water Shut-Off Test



Gas-Oil Ratio Test



Well Log Filed



# THE SUPERIOR OIL COMPANY

DRILLING & PRODUCTION DEPT.

P. O. BOX 200

CASPER, WYOMING

February 8, 1956

Utah Oil & Gas Conservation Commission  
147 State Capitol Building  
Salt Lake City, Utah

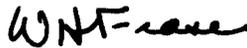
Attention: Mr. Lee E. Young

Gentlemen:

Attached please find two (2) copies of USGS form "Notice of Intention to Drill". At this time the location survey has not been completed. We will forward 2 copies of the location plat to you when they are received by this office.

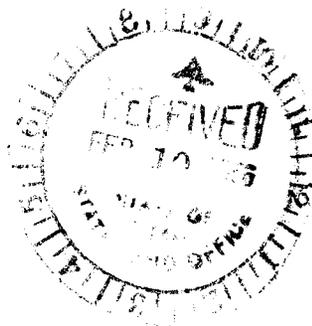
We hope that this information will be adequate for your needs. If not, please do not hesitate to let us know if we may furnish you any further information.

Very truly yours,



W. H. Fraser  
Engineer

WHF/rh



in WP  
N11 E11

(SUBMIT IN TRIPLICATE)

Indian Agency ~~Window Bank~~

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allettee Navajo

Lease No. 2-219-210-007

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

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

February 8, 1946

Well No. Navajo A-1 is located 660 ft. from S line and 1900 ft. from E line of sec. 14

SE Sec. 14 (1/4 Sec. and Sec. No.)      40N (Twp.)      24E (Range)      21 (Meridian)

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

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. Unknown at Present

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)

Propose to drill well to test Paradox to approximately 6000'.

Will set approx. 900' of 10-3/4" surface casing w/cement circulated to surface.

Will set 7" 20 & 23# casing on top of or through producing formation if commercial production is encountered.

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

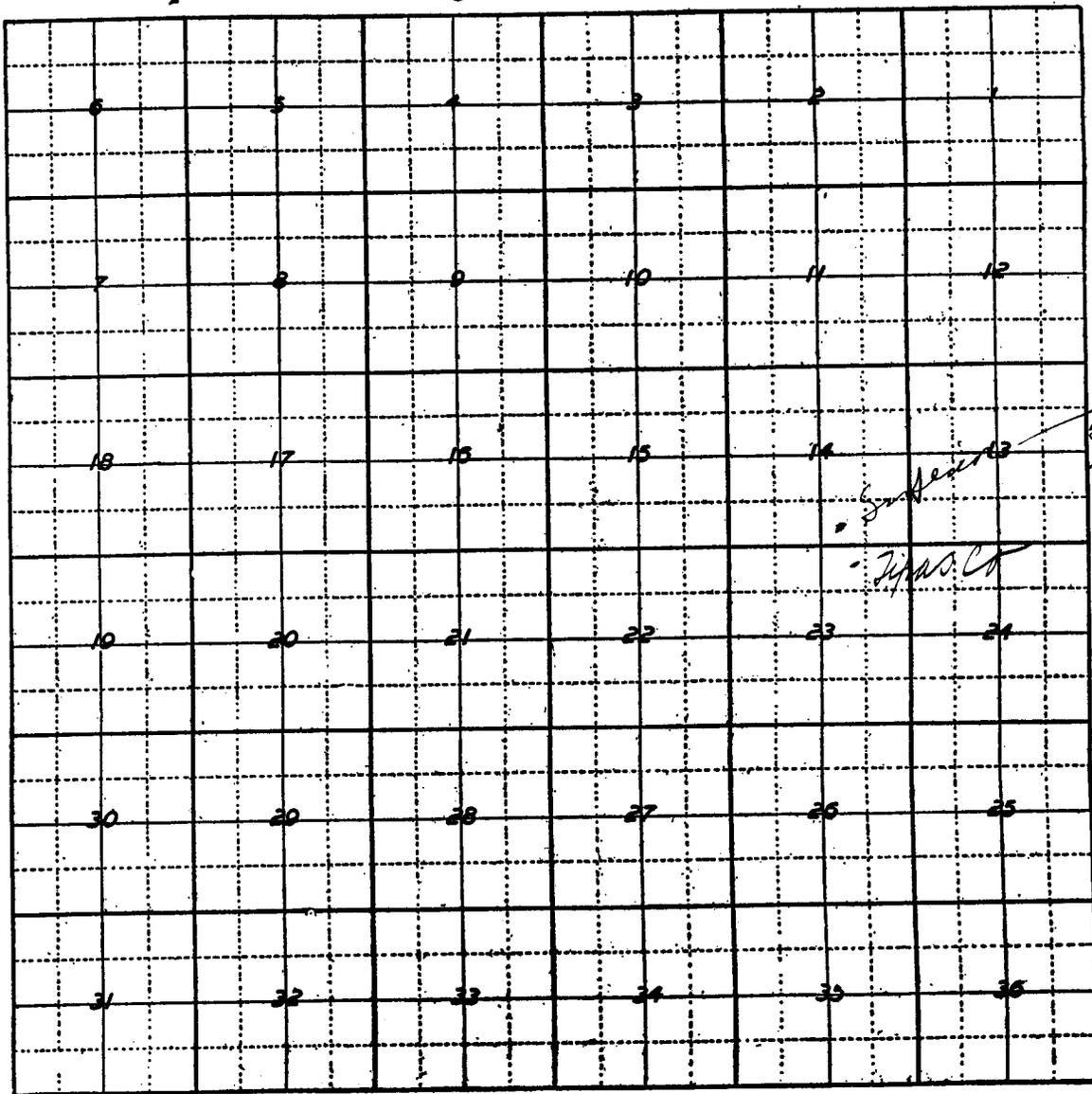
Company The Superior Oil Company

Address P. O. Box 200  
Casper, Wyoming

By W H F Case

Title Engineer

Township No.                      County.  
    Range No.                      Meridian.



660' 1980'  
 SW 1/4 Sec 4, 405  
 Sec 14, 405  
 20 E  
 660-N 1830-F  
 NW 1/4 NE 1/4  
 Sec 23, 405, 24E

Texas

Phillip McGrath  
 Geological Survey of Texas  
 B A 965  
 Jamnigan, New Mex

Township 40 S                      Range 24 E                      Meridian

SCALE 5280 FEET TO AN INCH

February 10, 1936

The Superior Oil Company  
P. O. Box 200  
Casper, Wyoming

Attention: W. H. Fraser, Engineer

Dear Sir:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo A-1, which is to be located 660 feet from the south line and 1980 feet from the east line of Section 14, Township 40 South, Range 24 East, Salt Lake Meridian, San Juan County.

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

Yours very truly,

HERBERT F. SMART  
COMMISSIONER

Jg

cc: Phil McGrath  
Geological Survey  
P. O. Box 965  
Farmington, N. M.

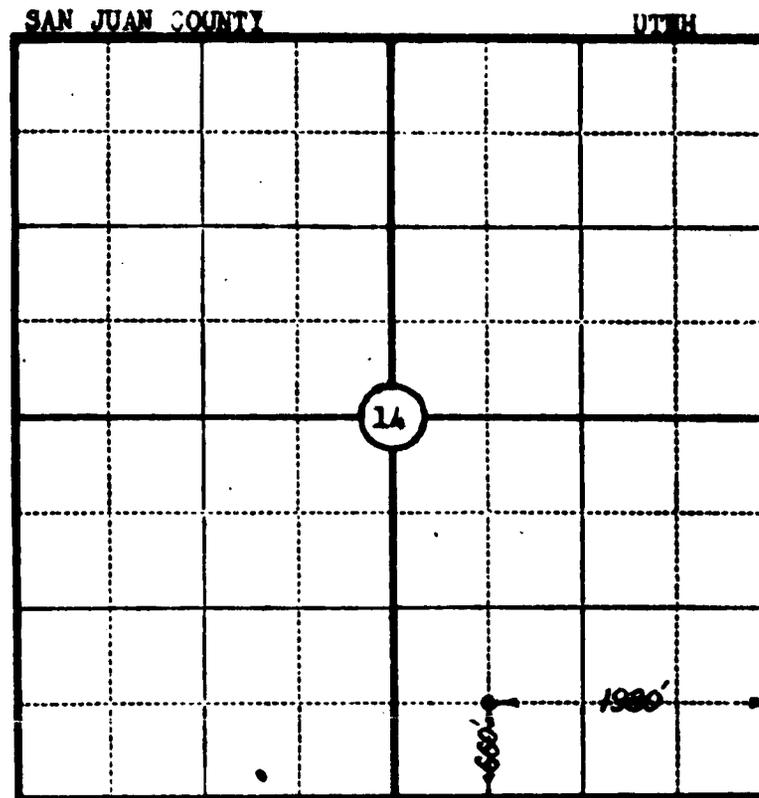
Company..... SUPERIOR OIL COMPANY

Lease..... NAVAJO Well No. A - 1

Sec. 14, T. 40 S., R. 24 E., S. L. M.

Location..... 660' FROM THE SOUTH LINE AND 1980' FROM THE EAST LINE.

Elevation..... 4892.6 UNGRADED GROUND.



Scale—4 inches equal 1 mile.

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

Seal..... Registered Land Surveyor.  
James P. Lasso  
San Reg. No. 1472  
Sur..... 11 February, 1956

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

# THE SUPERIOR OIL COMPANY

DRILLING & PRODUCTION DEPT.

P. O. BOX 200

CASPER, WYOMING

February 14, 1956

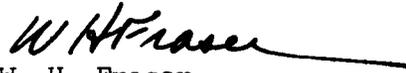
State of Utah  
Oil & Gas Conservation Commission  
Salt Lake City 14, Utah

Attention: Mr. Lee E. Young

Gentlemen:

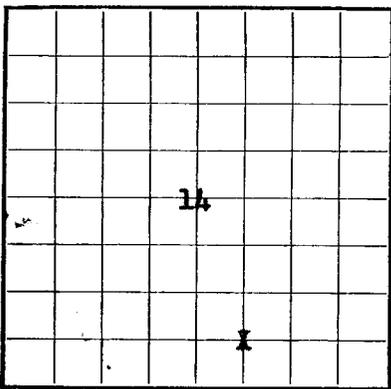
Attached please find two (2) copies of location plat for our Navajo A-1 in San Juan County, Utah. This plat has been prepared and certified by San Juan Engineering Company, Farmington, New Mexico.

Very truly yours,  
THE SUPERIOR OIL COMPANY

  
W. H. Fraser

WHF/rh

15



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Window Rock  
SERIAL NUMBER \_\_\_\_\_  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_  
**1-149-IND-8837**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

Company The Superior Oil Company Address P. O. Box 200, Casper, Wyoming  
Lessor or Tract Navajo 'A' Field \_\_\_\_\_ State Utah  
Well No. A-1 Sec. 14 T. 40S R. 24E Meridian SLM County San Juan  
Location 660 ft.  $\left\{ \begin{matrix} N. \\ SX \end{matrix} \right\}$  of S. Line and 1980 ft.  $\left\{ \begin{matrix} EX \\ W. \end{matrix} \right\}$  of E. Line of SE/4 Elevation 4902 KB  
(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 W. H. Case

Date April 23, 1956 Title Engineer

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

Commenced drilling March 1, 1956. Finished drilling April 18, 1956.

**OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from 5693 to 5860 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--	
10-3/4	32.75	8RD	Spang	837	Float				Surface production
7	20 & 23	8RD	CP&I	5900	Float		5812	5858	

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	837	550	Pump & Plug		
7	5900	300	Pump & Plug		

**PLUGS AND ADAPTERS**

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

**SHOOTING RECORD**

FOLD MARK

**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 0 feet to 5900 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

**DATES**

....., 19 56 Put to producing ..... , 19.....

The production for the first 24 hours was 702 barrels of fluid of which 96.8% was oil; .....% emulsion; 3.2% water; and .....% sediment. Gravity, °Bé. 40.6

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
		944	Navajo Sandstone
		2,555	Shinarump
		2,802	De Chelly
		2,891	Organ Rock
		4,707	Hermosa
		5,541	Upper Boundary Butte
		5,682	Paradox
		5,876	Black Shale at base of Paradox
		5,900	Total Depth

[OVER]

(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Window Rock  
Allottee Navajo  
Lease No. 1-149-IND-0037

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	<input checked="" type="checkbox"/>
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)

April 23, 1956

Well No. Navajo A-1 is located 660 ft. from KK line and 1900 ft. from EW line of sec. 14

SW SE Sec. 14  
(1/4 Sec. and Sec. No.)

40 S  
(Twp.)

24 E  
(Range)

SLM  
(Meridian)

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

Kelly Dashing

The elevation of the ~~bottom~~ above sea level is 4902 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: March 1, 1956.

10-3/4" cemented at 837' w/550 sacks.

Total Depth: 5900'.

7" cemented 5900' w/300 sacks.

Perforated 5812' to 5858' w/6 jets per foot.

Completed April 18, 1956.

(Over)

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

Company The Superior Oil Company

Address P. O. Box 200

Casper, Wyoming

By W.H.F. Case

Title Engineer

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

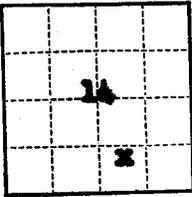
Flowed 702 bbls oil in 24 hrs. 40.6° 3.2% acid water 1000/PSR 10/64°  
choke 695 MDP/DR 0CR 227 to 1100

**DOT #1 5694' to 5771' (Paradox)**  
Open 2 hrs. Shut-in 1 hr. Good blow w/gas to surface in 15 min. Gaged  
68.5 MDP/DR maximum. Recovered 920' AS° oil slightly mud cut at base.  
BHWP 1104 to 9554. SIP 21354 Hyd 32404.

**DOT #2 5005' to 5081' (Paradox)**  
Open 2 hrs. Shut-in 1 hr. Fair blow w/gas to surface in 55 min. 8.9 MDP/DR  
max. Recovered 30' slightly oil cut mud, 90' heavily oil and gas cut mud,  
540' mud and gas cut oil. SIP 0 to 1954. SIP 20904 Hyd. 31654.

Ran Schlumberger Temp. Survey. Found top of cement at 4655', 1245' of fill  
up.

18981



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Window Rock

Allottee Navajo  
Lease No. 1-149-IND-6837

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

April 23, 19 56

Well No. Navajo A-1 is located 660 ft. from NS line and 1980 ft. from EW line of sec. 14

SW SE Sec. 14, 40S 24E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
San Juan Utah  
(County or Subdivision) (State or Territory)

(Field) Kelly Bushing

The elevation of the derrick floor above sea level is 4902 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)

7" Cemented at 5900' w/300 sax.

WSO #1  
Perforated 5812' to 5813' and 5857 to 5858' w/4 jets per foot. Set pkr 5797' w/perf tail to 5828' (PSTD 5863'). Open 1 hr, shut-in 30 min. Weak blow of air to dead in 50 min. Recovered 100' drlg mud. BHFP 0# to 0#. SIP 0#. Hyd 3060#.

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

Company The Superior Oil Company  
Address P. O. Box 200  
Casper, Wyoming

By W.H. Frase  
Title Engineer

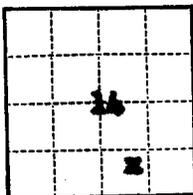
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee Navajo

Lease No. 1-149-IND-8837



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	
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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)

April 23, 19 56

Well No. Navajo A-1 is located 660 ft. from DX line and 1900 ft. from E line of sec. 14

SW SE Sec. 14 40S 24E SLM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
San Juan Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~datum~~ Kelly Bushing above sea level is 4902 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)

ACID JOB #1 Perfs 5812' to 5858'

Spotted 500 gals mud acid. Washed acid by perfs 1 bbl every 15 min. Reversed out acid. Swabbed 7.35 bbls new oil in 4 hrs 43.0° 2% BSW.

ACID JOB #2 Perf 5812' to 5858'

Acidised w/2000 gals 15% reg acid 3000#/1000# max. press. Swabbed well in. Flowed 209 bbls in 8 hrs. 40.8° 0.6% BSW 150#/Pkr 1/2" CRK 138 HCF/CR GCR 543 26.12 BPH.

Unseated pkr, pulled tbg & removed pkr. Reran tbg. Swabbed well in. Unable to get well to flow. Swabbed and flowed 126 bbls in 10 hrs. 41.0° 0.6% BSW. 12.6 BPH.

Pulled tbg, reran tbg w/pkr.

(over)

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

Company The Superior Oil Company

Address P. O. Box 200

Casper, Wyoming

By W.H. France

Title Engineer

ACID JOB #3 Perfs 5812' to 5858'  
Acidized w/6000 gals 15% reg acid. 1900#/Pkr max. press.  
Swabbed well in. Completed flowing 702 BOPD 40.6° 3.2% acid water 100#/Pkr  
3/4" CHK 635 MCPPER GOR 827 to 1.

LAP. 2:10:56

# THE SUPERIOR OIL COMPANY

DRILLING & PRODUCTION DEPT.

P. O. BOX 200

CASPER, WYOMING

May 3, 1956

Utah Oil & Gas Conservation Commission  
147 State Capitol Building  
Salt Lake City, Utah

Attention: Mr. Cleon B. Feight

Gentlemen:

Attached please find copy of all electrical logs run on our Navajo A-1, San Juan County, Utah.

Very truly yours,

THE SUPERIOR OIL COMPANY

By



W. H. Fraser

WHF/rh

Form 9-881b  
(April 1952)

(SUBMIT IN TRIPPLICATE)

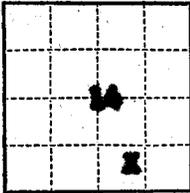
Office Agency \_\_\_\_\_

WELL NO. \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. 2-142-122-0217



*Notes  
C.A.H.  
10-7-57*

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

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

SEPTEMBER 23, 19 57

Well No. NAVAJO A-1 is located 600 ft. from NS line and 1900 ft. from EW line of sec. 14

SW SW SECTION 14 40S 24E SALT LAKE  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
ARIZONA SAN JUAN UTAH  
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~land surface~~ KELLY DUSHING above sea level is 4902 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)

Set retrievable bridge plug at 5760'.  
Perforated 5604' to 5737' w/6 jets per foot.  
Washed perforations w/300 gals. mud acid.  
Acidized w/10,000 gals. retarded acid.  
Retrieved bridge plug & completed

Verbal approval obtained from Jerry Long, USGS, Farmington, New Mexico, on Sept. 17, 1957.

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

Company THE SUPERIOR OIL COMPANY

Address P.O. BOX 276

COCKE2, COLORADO

By Geo E. Nugent

Title ENGINEER

*W*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN 1.  
(Other instructions  
reverse side)

1B\*

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

**1-149-100-2017**

INDIAN ALLOTMENT OR TRIBE NAME  
AGREEMENT NAME  
OR LEASE NO.  
FIELD AND FOOT  
COUNTY OF STATE

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR

**TEXACO 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

**660' from South Line and 1980' from East Line**

14. PERMIT NO.

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

**4902' RT**

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input checked="" type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(NOTE: Report results of multiple completion, Report and Log.)

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 major zones pertinent to this work.)\*

**Proposed remedial work is for the purpose of opening up production in West Creek pay and stimulating production by acidizing.**

**Procedure for workover will be as follows:**

**Perforate 7" casing from 5766' to 5782' with 20 jet shots. Treat perforations 5766' to 5782' with 2,000 gallons of 15% HCl acid. Treat perforations 5694' to 5737' with 6,000 gallons of 15% HCl acid.**

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

SIGNED

*[Signature]*

**D. C. HALL**

TITLE

**District Accountant**

DATE

**1/15/65**

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN T IC  
(Other instruct. s c  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR <b>Truett Inc.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 810, Farmington, New Mexico 87401</b>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' from South line and 1080' from East line</b>		8. FIRM OR LEASE NAME
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>1922' RT</b>	9. WELL NO.
		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>14, 24th, 24th, 24th</b>
		12. COUNTY OR PARISH 13. STATE <b>San Juan New</b>

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

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

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

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

**Reason for workover was to open up additional Desert Creek pay and stimulate production by acidizing.**

**Commenced workover on 12-1-63. Perforated 7" casing from 5766' to 5782' with 20 jet shots. Treated perforations 5766' to 5782' with 2000 gallons of 15% HCl acid. Treating pressure was 300 to 500 psi with an average injection rate of 8 barrels per minute. Instant shut-in pressure was 0. Treated perforations 5694' to 5737' with 6000 gallons of 15% HCl acid. Treating pressure was 150 to 100 psi with an average injection rate of 7.5 barrels per minute. Instant shut-in pressure was 0. On 2 1/2 hour test ending 12-13-63, well pumped 80 barrels of 41.2° gravity oil and 370 barrels of water. Length of stroke was 144" with 10 1/2 strokes per minute.**

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

SIGNED *Cl J. Farmer* TITLE District Superintendent DATE Jan. 20, 1964

(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**

**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 WI

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: 660' FSL & 1980' FEL Sec.14  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
Unit

9. WELL NO.  
G414

10. FIELD OR WILDCAT NAME  
Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec.14 T40S R24E

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4902' KB

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

REQUEST FOR APPROVAL TO:	SEQUENT 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> <input checked="" type="checkbox"/>	<input type="checkbox"/>

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING  
NOTE: Report results of multiple completion or zone change on Form 9-330b  
DATE: Aug. 16, 1979  
BY: Frank M. Janned

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 plans to convert Aneth Unit well G414 from oil producing to water injection status. All work will be done in accordance with USGS and UOGCC regulations. Proposed procedure as follows:

1. MIRUSU and clean out to 5810' KB
2. Set CIBP at 5800' KB
3. Run injection pkr and plastic-coated tbg
4. Set pkr at 5650', and place well on injection
5. After well stabilizes, run injection survey and acidize if necessary based on results.

In addition, a 1900' injection line (2 7/8" cmt-lined steel) will be laid from G414 along existing lease roads to an existing line near H414.

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

18. I hereby certify that the foregoing is true and correct  
SIGNED Alvin R. Mary TITLE Field Foreman DATE 7-27-79

(This space for Federal or State office use)

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

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

# TEXACO

Texaco Inc.  
P.O. Box EE  
Cortez, CO 81321

August 15, 1979

~~U.S. Dept. of the Interior  
Geological Survey  
P.O. Box 959  
Farmington, NM 87401~~

~~Mr. Gene F. Daniel  
Acting District Engineer~~



Dear Mr. Daniel:

Please refer to Texaco Inc.'s application for conversion of Aneth Unit wells E214, E414, G214, G414, and H315, and your same subject letter dated 7-31-79. The following information should complete the applications for conversion as required by NTL-2B:

Approximately 38,000 BWPD is produced from the Desert Creek member of the Pennsylvanian Paradox formation and injected back into the same formation through approximately 125 WI wells. The latest analysis of this produced water (6-19-79) revealed 150,000 ppm dissolved solids, 89,230 ppm Cl<sup>-</sup>, and 2704 ppm SO<sub>4</sub><sup>2-</sup>. Also injected into this formation will be fresh water from the San Juan River supply wells; 6-19-79 water analysis revealed 1634 ppm dissolved solids, 376 ppm Cl<sup>-</sup>, and 453 ppm SO<sub>4</sub><sup>2-</sup>. The five proposed WI conversions will take approximately 300-500 BWIPD each. All five wells are to have 2 7/8" tubing (plastic-coated with TubeKote TK-75 internal coating) with Baker model R3 double-grip (or equiv) injection packer. Each tubing-casing annulus is to be treated with 1/2 gal. per bbl. TC-6768A corrosion inhibitor. Packer setting depths were previously given on form 9-331.

No known usable aquifers exist in the area.

The following downhole information is available for each well:

## E214

TD=5774'      PBD=5656'  
10 3/4" 32.75# H40 csg. set at 818' 11" hole  
cmt. with 375 sx 50% posmix cmt with 2% CaCl<sub>2</sub>      Cement circulated  
7" 20#(4221') & 23#(1553') J55 csg set at 5774'      9" hole  
cmt. with 700 sx 50% posmix cmt with 2% CaCl<sub>2</sub>      Cmt top at 3346'

## E414

TD=5900'      PBD=5870'  
10 3/4" 32.75# H40 csg. set at 815' 15" hole  
cmt. with 550 sx reg cmt      Cement circulated  
7" 20#(4139') & 23#(1761') J55 csg set at 5900'      9" hole  
cmt. with 300 sx reg cmt with 2% CaCl<sub>2</sub>      Cmt top at 4790'

CC : UOGCC

# TEXACO

## G214

TD=5875' PBD=5843'

10 3/4" 32.75# H40 csg. set at 817' 13 3/4" hole  
cmt. with 400 sx diamix cmt with 2% CaCl<sub>2</sub>

Cement circulated  
9" hole

7" 20#(4191') & 23#(1682') J55 csg set at 5873'  
cmt. with 700 sx 50% posmix cmt with 4% CaCl<sub>2</sub>

Cmt top at 3200'

## G414

TD=5900' PBD=5863'

10 3/4" 32.75# H40 csg. set at 837' 13 3/4" hole  
cmt. with 550 sx reg cmt

Cement circulated

7" 20# & 23# J55 csg set at 5900' 9" hole  
cmt. with 300 sx reg cmt

Cmt top at 4655'

## H315

TD=5739' PBD=5680'

8 5/8" 28.55# X42 csg. set at 522' 11" hole  
cmt. with 300 sx class B cmt with 2% CaCl<sub>2</sub>

Cement circulated

5 1/2" 15.5# K55 csg set at 5739' 7 7/8" hole  
cmt. with 300 sx class B cmt with .75% CFR-2

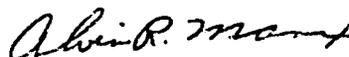
DV (two-stage cementing tool) set at 2752'

cmt. with 450 sx light and reg cmt

Anticipated injection pressures should range from 1900 to 2200 psi. Radioactive injection surveys will be run on each of the conversions as their rates and pressures stabilize. Thereafter, periodic surveys will be run to assure that the injected water is confined to the proposed injection interval. Also, casing pressures will be monitored monthly to insure against tubing and/or packer leaks or casing leaks. If pressure is noted on the backside and can't be bled down, the well will be SI until corrective action is taken to repair the cause of the backside pressure.

If any further information is required, please advise.

Sincerely,



Field Foreman

**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: 660' FSL & 1980' FEL, Sec. 14**  
**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) <b>Convert to water inject.</b>	

5. LEASE  
**I-149-IND-8837**

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

7. UNIT AGREEMENT NAME  
**Aneth Unit**

8. FARM OR LEASE NAME

9. WELL NO.  
**G414**

10. FIELD OR WILDCAT NAME  
**Aneth**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 14, T40S, R24E**

12. COUNTY OR PARISH | 13. STATE  
**San Juan | Utah**

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
**4902 KB**

(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.)\*

**3-27-80: MIRUSU. Pulled rods, pump, and tubing. Ran bit and scraper to 5863' KB. Ran 2 7/8" plastic-coated tubing and 7" packer. Set packer at 5635' KB. Placed well on injection.**

**Test: 500 BWIPD, 0 psi**

**RECEIVED**  
**APR 21 1980**

**DIVISION OF  
OIL, GAS & MINING**

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

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

SIGNED *Alvin R. Mary* TITLE Field Foreman DATE 4-17-80

(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, CO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 660'FSL & 1980'FEL, Sec. 14  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

5. LEASE  
I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
Unit

9. WELL NO.  
G414

10. FIELD OR WILDCAT NAME  
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 14, T40S, R24E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4902 KB

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)	<input type="checkbox"/>		<input type="checkbox"/>

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

DIVISION OF  
OIL, GAS & MINING

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 repair the casing in Aneth Unit G414. All work will be done in accordance with USGS and UOGCC regulations.  
Procedure:

- 1) MIRUSU. Pull tubing and packer.
- 2) Run tubing, RBP, and packer. Set RBP at 5606'KB.
- 3) Isolate casing leak by moving packer uphole and pressuring up tubing.
- 4) Bradenhead squeeze casing leak with 50 sx cement.
- 5) Drill out cement and retrieve RBP.
- 6) Run 2 7/8" plastic-coated tubing and 7" packer. Set packer at 5635'KB and place well on injection.

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

18. I hereby certify that the foregoing is true and correct  
SIGNED Alvin R. Mandy TITLE Field Foreman DATE 2-10-81

(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

**APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING**  
DATE: 2-27-81  
BY: M. J. Mander

\*See Instructions on Reverse Side

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  [REDACTED]

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: 660' FSL & 1980' FEL, Sec. 14  
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 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"/>

5. LEASE  
I-149-IND-8837

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME  
Aneth Unit

8. FARM OR LEASE NAME  
Unit

9. WELL NO.  
G414

10. FIELD OR WILDCAT NAME  
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 14, T40S, R24E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
4902 KB

15

(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.)\*

2-13-81: MIRUSU. Pulled tubing and packer. Ran new 7" packer and tested casing to 1000 psi every 1000 ft. Pulled tubing and packer. Ran tubing, RBP, and packer. Set RBP at 5606'KB. Found casing leak at 836'KB. Dropped two sx of sand on RBP. Bradenhead and circulated 240 sx of cement, displacing to 20 ft. above the leak with 1000 psi. Drilled out cement and retrieved RBP. Ran 2 7/8" plastic-coated tubing and 7" packer. Set packer at 5606'KB. Placed well on injection.

Test Before: 150 BWIPD/850 psi Test After: 450 BWIPD/2100

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

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

SIGNED Alvin R. Many TITLE Field Foreman DATE 3-17-81

(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

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 3-27-81  
BY: M. J. Munder

INSTRUCTIONS - CANCELS LETTER(S) OF \_\_\_\_\_ SIGNED BY \_\_\_\_\_  
 PERMANENT     ROUTINE     TEMPORARY

TEXACO

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(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, for-  
warding original and duplicate, and retain copy.

P.O. Box 2100  
Denver, CO  
80201

By \_\_\_\_\_

ADDRESSEE: Use reverse side to reply. Return original. Retain duplicate.

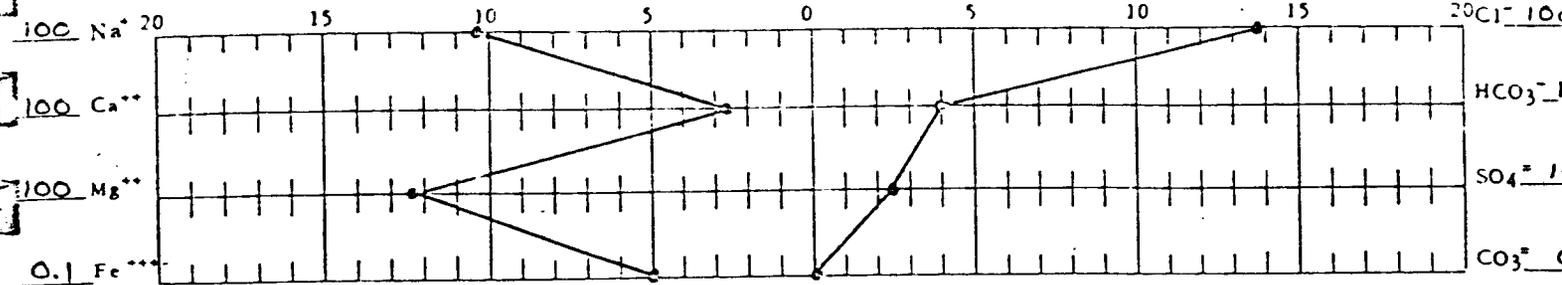
WATER ANALYSIS REPORT

NL Treating Chemicals/NL Industries, Inc.

P.O. Box 1675, Houston, Texas 77001

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

WATER ANALYSIS PATTERN  
(NUMBER BESIDE ION SYMBOL INDICATES me/l\* SCALE UNIT)



DISSOLVED SOLIDS

CATIONS	me/l*	mg/l*
Total Hardness	392.0	
Calcium, Ca <sup>++</sup>	268.0	5360.0
Magnesium, Mg <sup>++</sup>	124.0	1519.0
Iron (Total) Fe <sup>+++</sup>	0.5	10.0
Barium, Ba <sup>++</sup>	—	1.0
Sodium, Na <sup>+</sup> (calc.)	1035.1	23807.3

DISSOLVED GASES

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

ANIONS	me/l*	mg/l*
Chloride, Cl <sup>-</sup>	1380.3	49000.0
Sulfate, SO <sub>4</sub> <sup>-</sup>	24.5	1175.0
Carbonate, CO <sub>3</sub> <sup>=</sup>	0.0	0.0
Bicarbonate, HCO <sub>3</sub> <sup>-</sup>	4.0	244.0
Hydroxyl, OH <sup>-</sup>	0.0	0.0
Sulfide, S <sup>=</sup>	18.8	300.0

PHYSICAL PROPERTIES

pH	6.65
Eh (Redox Potential)	N.D. MV
Specific Gravity	N.D.
Turbidity, JTU Units	N.D.
Total Dissolved Solids (calc.)	81385.3 mg/l*
Stability Index @ 77 F	+0.39
@ 140 F	+1.32
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(Vol)

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.

BTC ENGINEER <b>MARK BROTHERS</b>	DIST. NO. <b>12</b>	ADDRESS <b>FARMINGTON, N.M.</b>	OFFICE PHONE <b>505-325-5701</b>	HOME PHONE <b>505-325-4</b>
ANALYZED	DATE	DISTRIBUTION		

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Telarc Well No. Amith Unit G 414  
 County: San Juan T 403 R 24E Sec. 14 API# 43-037-15945  
 New Well  Conversion  Disposal Well  Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
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 Desert Creek Series

Analysis of Injection Fluid Yes ✓ No \_\_\_\_\_ TDS 81385

Analysis of Water in Formation to be injected into Yes ✓ No \_\_\_\_\_ TDS 81385

Known USDW in area None Depth 1150

Number of wells in area of review 9 Prod. 4 P&A 0  
 Water 0 Inj. 5

Aquifer Exemption Yes \_\_\_\_\_ NA ✓

Mechanical Integrity Test Yes \_\_\_\_\_ No ✓

Date \_\_\_\_\_ Type \_\_\_\_\_

Comments: FOC 4455

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Reviewed by: [Signature]

6

UTAH DIVISION OF OIL, GAS AND MINING  
CASING-BRADENHEAD TEST

OPERATOR: TEXACO

FIELD: Aneth LEASE: \_\_\_\_\_

WELL # G-414 SEC. 14 TOWNSHIP 40S RANGE 24E

STATE (FED) FEE DEPTH 5900 TYPE WELL INJW MAX. INJ. PRESS. 2500

TEST DATE 3/24/87

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>10<sup>3</sup>/<sub>4</sub></u>	<u>837</u>		<u>0#</u>		
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	<u>7</u>	<u>5900</u>		<u>0#</u>		
<u>TUBING</u>	<u>2<sup>7</sup>/<sub>8</sub></u>	<u>5606</u>		<u>2150#</u>	<u>30 BBLs/DAY</u>	

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

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 ANETH U - G414 WELL  
SEC. 14 TWP. 40S RANGE 24E  
San Juan COUNTY, UTAH

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

ENHANCED RECOVERY INJ. WELL	<input 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>G414</u>	Field <u>Aneth</u>	County <u>San Juan</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SW 4 SE 4</u> Sec. <u>14</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>2-13-81</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>21150'</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 &amp; Gas</u>	
Location of 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>	Depth of Injection Interval <u>5694</u> to <u>5858</u>		
a. Top of the Perforated Interval: <u>5694</u>	b. Base of Fresh Water: <u>31150</u>	c. Intervening Thickness (a minus b) <u>4544</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 )  
County of Montezuma )

Alvin R. Marx Field Supt.  
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

SEAL

My commission expires 10/25/87

Joe B. Roybal

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

(OVER)

PLEASE TYPE OR USE BLACK INK ONLY

COMPLETION & TEST DATA BY PRODUCING FORMATION

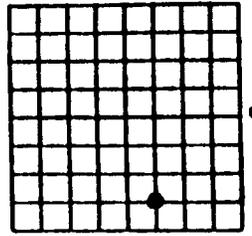
(To be filed within 30 days after drilling is completed) I-149-14D-8837

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY LEASE NO.

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

API NO  
040 Acres



COUNTY San Juan SEC. 14 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. G414  
DRILLING STARTED 3-1-1956 DRILLING FINISHED April 1956  
DATE OF FIRST PRODUCTION \_\_\_\_\_ COMPLETED 4-18-56  
WELL LOCATED N Sw N SE N  
660 FT. FROM SW OF N SEC. & 1980 FT. FROM EL OF S SEC.  
ELEVATION DERRICK FLOOR 4902 GROUND 4892

TYPE COMPLETION

Single Zone DESERT CREEK Order No. NA  
Multiple Zone \_\_\_\_\_ Order No. \_\_\_\_\_  
Commingled \_\_\_\_\_ Order No. \_\_\_\_\_  
LOCATION EXCEPTION \_\_\_\_\_ Order No. \_\_\_\_\_ Penalty \_\_\_\_\_

OIL OR GAS ZONES

Name	From	To	Name	From	To
DESERT CREEK	5694	5858			

CASING & CEMENT

Casing Set				Ceg. Test		Cement	
Size	Wgt	Grade	Feet	Pl	Sec	Fillup	Top
10 3/4"	32.75		837		550		circulated
7"	20.23		5700		300		4655

TOTAL DEPTH 5900

PACKERS SET DEPTH 5606

FORMATION	1	2	3
Desert Creek	Desert Creek	Ismay	DESERT CREEK
SPACING & SPACING ORDER NO.	40 acre	40 acre	
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	OIL		3-27-80 Convert to WI
PERFORATED	5694-5737		
	5766-5782		SAME PERFS
INTERVALS	5812-5858		
ACIDIZED?	6000 gal 15% 2,000 gal 15% 10,000 gal Retain		
FRACTURE TREATED?			

INITIAL TEST DATA

Date	4-18-56		3-27-80
Oil, bbl./day	702 BOPD		
Oil Gravity	40.6°		
Gas. Co. Ft./day			
Gas-Oil Ratio Co. Ft./Bbl.	827		
Water-Bbl./day			500 BWI
Pumping or Flowing	Flowing		
CHOKE SIZE	3/4"		
FLOW TUBING PRESSURE			

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 1-303-555-8401 John R. Mann Field Supt  
State of Colorado Name and title of representative of company

County of Montezuma 16th day of December A. 1983

Subscribed and sworn before me this \_\_\_\_\_ day of \_\_\_\_\_ 1983  
My commission expires 10/25/87 Joe A. Roybal

728 N. Beech, Cortez, Co. 81321

Routing:	
1- LCR/GIL	✓
2- 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) TEXACO E & P INC. FROM (former operator) TEXACO INC.  
 (address) 3300 NORTH BUTLER (address) 3300 NORTH BUTLER  
FARMINGTON, NM 87401 FARMINGTON, NM 87401  
BRENT HELQUIST FRANK  
 phone (505) 325-4397 phone (505) 325-4397  
 account no. N 5700 (6-5-91) account no. N 0980

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: _____

**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**

- 1. (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).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

**BOND VERIFICATION (Fee wells only)**

- 1. (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.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. 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

**LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY**

- 1. (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.
- 2. Copies of documents have been sent to State Lands for changes involving State leases. 6-27-91

**MICROFILMING**  
 1. All attachments to this form have been microfilmed. Date: July 15 1991

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

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

DATE: 05/02/91

## WELLS BY OPERATOR

PAGE: 96

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	7	SESW	4303715415	PRDX	WIW	99990	WEST ISMAY FED. 2 (ANETH)
								4303716308	PRDX	PA	99990	GULF-AZTEC FED. 6 (ANETH)
								4303716100	HRMS	WIW	99990	NAVAJO FED. 6-1 (ANETH)
								4303716118	HRMS	WIW	99990	NAVAJO FEDERAL 7-1 (ANETH)
								4303716322	HRMS	WIW	99990	NAVAJO TRIBE FED. 5-1 (ANETH)
								4303716323	HRMS	WIW	99990	NAVAJO TRIBE L-3 (ANETH)
								4303716284	DSCR	WIW	99990	NAVAJO FED. 9-1 (ANETH)
								4303716101	PRDX	WIW	99990	NAVAJO TRIBE L-6 (ANETH)
								4303716298	PRDX	WIW	99990	NAVAJO TRIBE E-13 (ANETH)
								4303716076	HRMS	WIW	99990	NAVAJO FED. 8-1 (ANETH)
								4303716060	PRDX	WIW	99990	NAVAJO TRIBE E-15 (ANETH)
								4303716119	HRMS	WIW	99990	NAVAJO TRIBE E-16 (ANETH)
								4303716305	DSCR	PA	99998	NAVAJO TRIBE E-17 (ANETH)
								4303716061	PRDX	WIW	99990	NAVAJO TRIBE E-14 (ANETH)
								4303716082	PRDX	WIW	99990	NAVAJO TRIBE E-4 (ANETH)
								4303716125	PRDX	WIW	99990	NAVAJO TRIBE E-7 (ANETH)
								4303715944	PRDX	WIW	99990	NAVAJO A-10/34-11 (ANETH)
								4303715940	PRDX	WIW	99990	NAVAJO A-11/14-11 (ANETH)
								4303716295	PRDX	WIW	99990	NAVAJO A-12/23-11 (ANETH)
								4303715941	PRDX	WIW	99990	NAVAJO A-4/14-13 (ANETH)
								4303715938	PRDX	WIW	99990	NAV. TRIBE A-13/12-13 (ANETH)
								4303715943	PRDX	WIW	99990	NAVAJO A-7/32-14 (ANETH)
								4303715939	PRDX	WIW	99990	NAVAJO A-6/12-14 (ANETH)
								4303715942	PRDX	WIW	99990	NAVAJO A-5/23-14 (ANETH)
								4303716422	PRDX	WIW	99990	ANETH F-114
								4303715945	PRDX	WIW	99990	NAVAJO A-1/34-14 (ANETH)
								4303716421	PRDX	WIW	99990	NAVAJO A-2 (ANETH)
								4303716310	IS-DC	WIW	99990	NAVAJO A-9/41-14 (ANETH)
								4303730213	DSCR	WIW	99990	ANETH E-315
								4303730312	DSCR	WIW	99990	ANETH H-315
								4303716122	PRDX	WIW	99990	NAVAJO TRIBE D-7 (ANETH)
								4303716330	PRDX	WIW	99990	NAVAJO TRIBE D-24 (ANETH)
4303730215	DSCR	WIW	99990	ANETH E-122								
4303730373	DSCR	WIW	99990	ANETH F-222								
4303716067	PRDX	WIW	99990	NAVAJO TRIBE D-19 (ANETH)								
4303716117	PRDX	WIW	99990	NAVAJO TRIBE D-2 (ANETH)								
4303730425	IS-DC	WIW	99990	ANETH G-122								
4303720231	DSCR	WIW	99990	ANETH G-322X								
4303730242	DSCR	WIW	99990	ANETH H-222								
4303716123	PRDX	WIW	99990	NAVAJO TRIBE C-8 (ANETH)								
4303716128	PRDX	WIW	99990	NAVAJO TRIBE C-3 (ANETH)								
4303716079	PRDX	WIW	99990	NAVAJO TRIBE C-7 (ANETH)								
4303716306	DSCR	WIW	99990	NAVAJO TRIBE C-1 (ANETH)								
4303716086	PRDX	WIW	99990	NAVAJO TRIBE C-17 (ANETH)								
4303730235	IS-DC	WIW	99990	ANETH F-123								
4303716289	PRDX	WIW	99990	NAVAJO TRIBE C-16 (ANETH)								
4303716069	PRDX	WIW	99990	NAVAJO TRIBE C-10 (ANETH)								

RECEIVED

MAY 28 1991

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: _____ See Attached Listing		DIVISION OF OIL GAS & MINING
Field or Unit name: _____ API no. _____		
Well location: QQ _____ section _____ township _____ range _____ county _____		
Effective Date of Transfer: <u>6-1-91</u>		
<b>CURRENT OPERATOR</b>		
Transfer approved by:		
Name <u>R. S. Lane</u>	Company <u>Texaco Inc.</u>	
Signature <u><i>R. S. Lane</i></u>	Address <u>P. O. Box 3109</u>	
Title <u>Attorney-in-Fact</u>	<u>Midland, TX 79702</u>	
Date _____	Phone <u>( 915 ) 688-4100</u>	
Comments: Correspondence Address: <u>Texaco Inc.</u> <u>3300 North Butler</u> <u>Farmington, NM 87401</u> <u>(505) 325-4397</u>		
<b>NEW OPERATOR</b>		
Transfer approved by:		
Name <u>R. S. Lane</u>	Company <u>Texaco Exploration and Production Inc.</u>	
Signature <u><i>R. S. Lane</i></u>	Address <u>P. O. Box 3109</u>	
Title <u>Attorney-in-Fact</u>	<u>Midland, TX 79702</u>	
Date _____	Phone <u>( 915 ) 688-4100</u>	
Comments: Correspondence Address: <u>Texaco Exploration and Production Inc.</u> <u>3300 North Butler</u> <u>Farmington, NM 87401</u> <u>(505) 325-4397</u>		
<b>(State use only)</b>		
Transfer approved by <u><i>Neil Hunt</i></u>		Title <u><i>UIC Manager</i></u>
Approval Date <u>6-26-91</u>		



Texaco Exploration and Production Inc  
Midland Producing Division

P O Box 3109  
Midland TX 79702-3109

May 22, 1991

RECEIVED

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

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

**12. 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: *R. D. Lane*  
 Attorney-in-Fact

SIGNED: *R. D. Lane*  
 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)

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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Texaco Exploration and Production Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 46510, Denver, CO 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
16. PERMIT NO.		9. WELL NO.
16. ELEVATIONS (Show whether of, ft, or, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SUBST OR AREA
		12. COUNTY OR PARISH   12. STATE

RECEIVED  
MAY 28 1991

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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Transfer of Plugging Bond <input checked="" type="checkbox"/>	

SUBSEQUENT REPORT OF:

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

REASON OF APPROVAL, IF ANY:

**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 <b>Injection well</b>	5. Lease Designation and Serial No. <b>I-149-IND-8837</b>
2. Name of Operator <b>Texaco Exp. and Prod Inc.</b>	6. If Indian, Allottee or Tribe Name <b>Navajo</b>
3. Address and Telephone No. <b>3300 N. Butler, Farmington N.M. 87401 (505)325-4397</b>	7. If Unit or CA, Agreement Designation <b>Aneth Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>660 FSL &amp; 1980 FEL Section 14-T40S-R24E</b>	8. Well Name and No. <b>G414</b>
	9. API Well No. <b>43037159450002</b>
	10. Field and Pool, or Exploratory Area <b>Desert Creek</b>
	11. County or Parish, State <b>San Juan, Utah</b>

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 type="checkbox"/> Subsequent Report  <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <b>Clean out</b>	<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 <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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.)\*

Texaco proposes to clean out the subject injection well as follows:  
  
 Run coil tubing down injection tubing and clean out to PBTD of 5800'. Wash perforations from 5694' to 5782'. TOOH w/ coil tubing. Place well back on injection and monitor.

  
 MAR 30 1992  
 DIVISION OF  
 OIL GAS & MINING

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

Signed J. L. Butler Title Area Manager Date 3-25-92

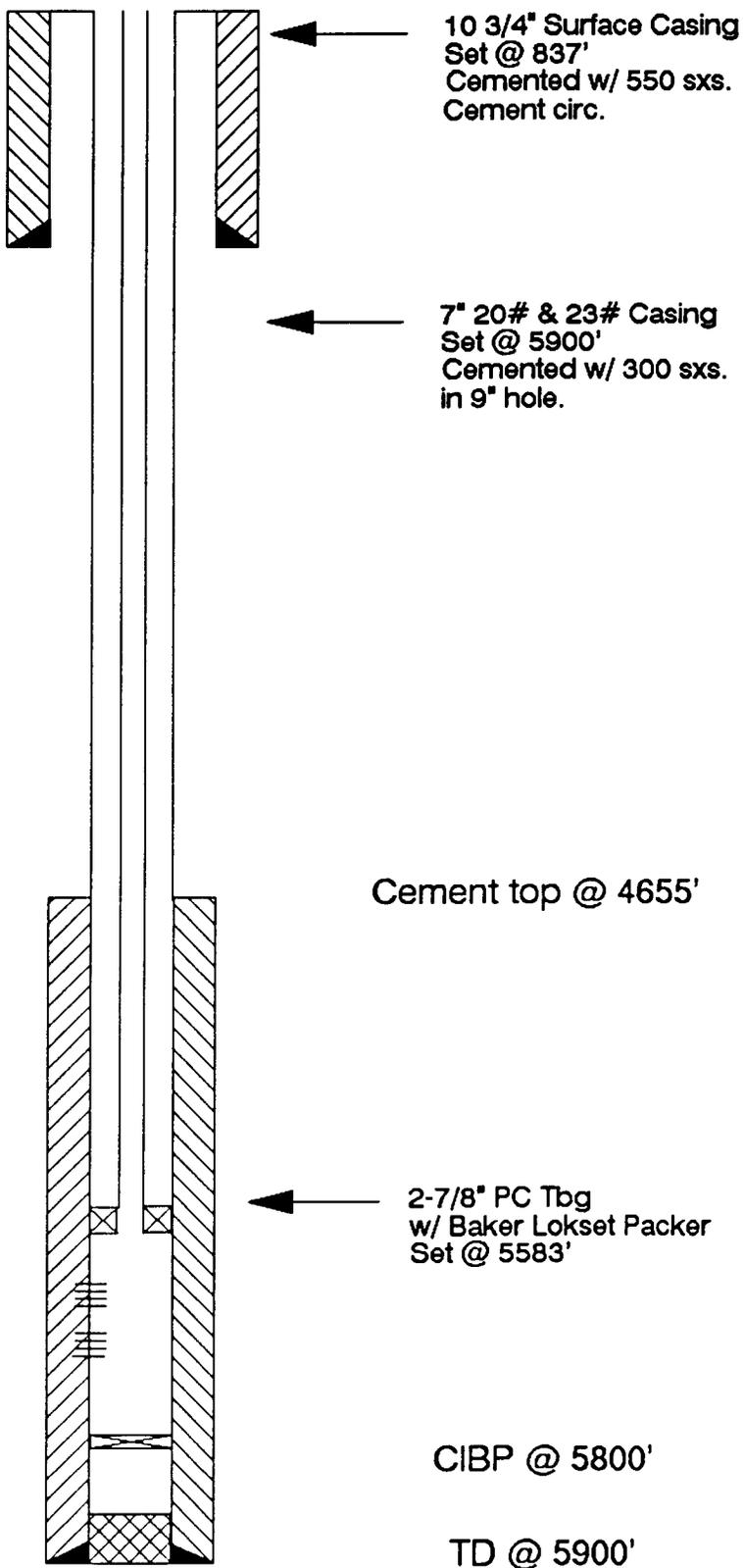
(This space for Federal or State office use)

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.

# Aneth Unit G414



Form 3160-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT—" for such proposals

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

5. Lease Designation and Serial No.  
**I-149-IND-8837**

6. If Indian, Allottee or Tribe Name  
**Navajo**

7. If Unit or CA, Agreement Designation  
**Aneth Unit**

8. Well Name and No.  
**G414**

9. API Well No.  
**43037159450002**

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

11. County or Parish, State  
**San Juan, Utah**

SUBMIT IN TRIPLICATE

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

2. Name of Operator  
**Texaco Exp. and Prod Inc.**

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**660 FSL & 1980 FEL Section 14-T40S-R24E**

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 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 checked="" type="checkbox"/> Other <b>Clean out</b>
	<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.)

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Texaco proposes to clean out the subject injection well as follows:

Run coil tubing down injection tubing and clean out to PBTD of 5800'. Wash perforations from 5694' to 5782'. TOOH w/ coil tubing. Place well back on injection and monitor.

Accepted by the State  
of Utah Division of  
Oil, Gas and Mining

Date: 3-26-92

By: A.R.A.

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

Signed Jula J...

Title **Area Manager**

Date 3.23.92

(This space for Federal or State office use)

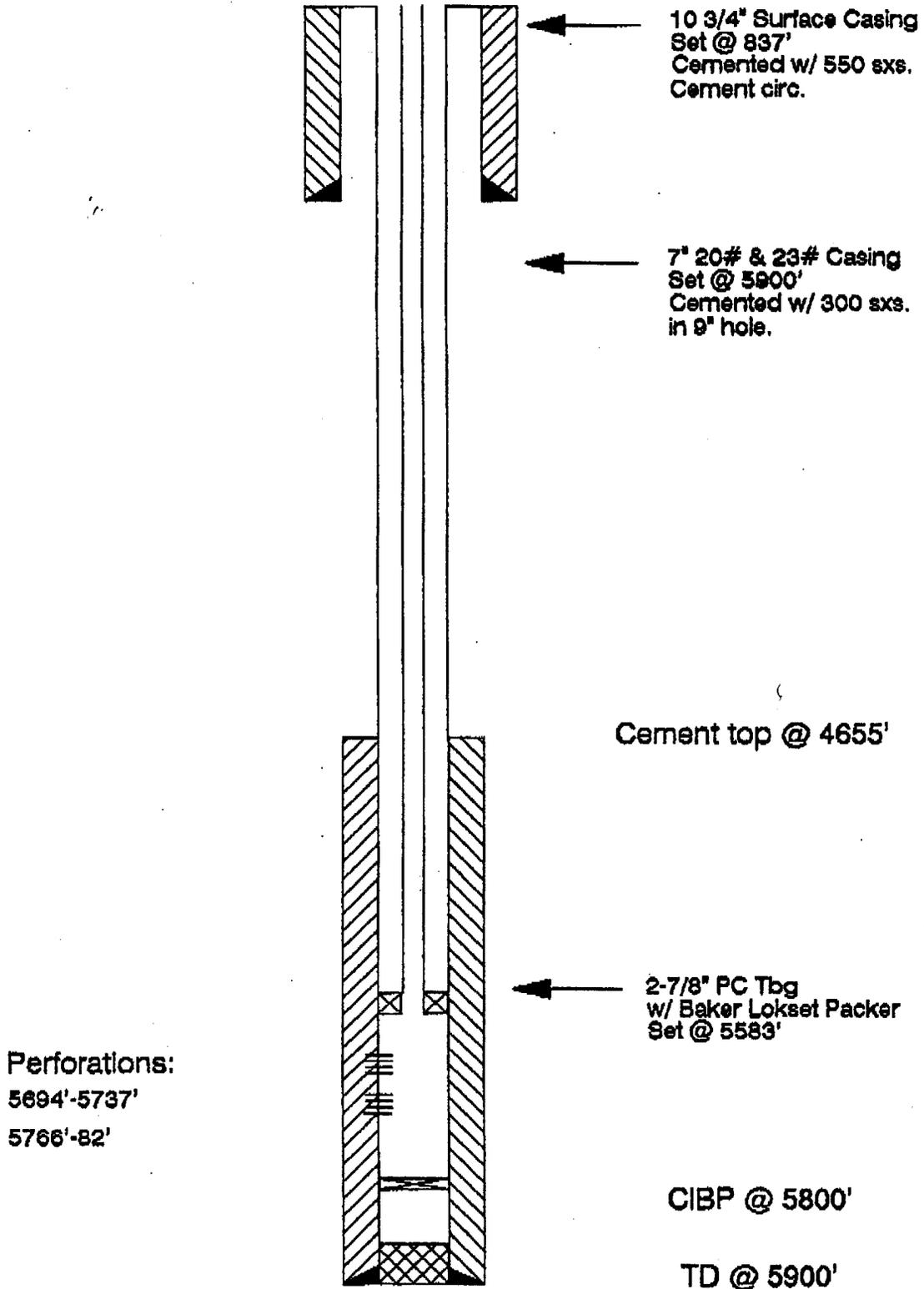
Approved by \_\_\_\_\_  
Conditions of approval, if any: **Approval is Necessary**

Title \_\_\_\_\_

Date \_\_\_\_\_

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### Aneth Unit G414



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**

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**SUBMIT IN TRIPLICATE**

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2. Name of Operator <b>Texaco Exp. and Prod Inc.</b>	DIVISION OF OIL, GAS & MINING	6. If Indian, Allottee or Tribe Name <b>Navajo</b>
3. Address and Telephone No. <b>3300 N. Butler, Farmington N.M. 87401 (505)325-4397</b>		7. If Unit or CA, Agreement Designation <b>Aneth Unit</b>
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) <b>660 FSL &amp; 1980 FEL Section 14-T40S-R24E</b>		8. Well Name and No. <b>G414</b>
		9. API Well No. <b>43037159450002</b>
		10. Field and Pool, or Exploratory Area <b>Desert Creek</b>
		11. County or Parish, State <b>San Juan, Utah</b>

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TYPE OF SUBMISSION	TYPE OF ACTION
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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
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	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Clean out</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
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	<input type="checkbox"/> Dispose Water

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

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3/31/92 - MIRU coil tubing unit. TIH w/ 1-1/4" coil tubing. Clean out with injection water and injection pressure to 5767'. Tagged hard fill and could not wash through. Washed perforations 5694' to 5767'. RDMOL. Put well back on injection service.

Before: 0 BWIPD @ 2250 psi  
After: 280 BWIPD @ 2250 psi

14 I hereby certify that the foregoing is true and correct

Signed [Signature] Title Area Manager Date 4-7-92

(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

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**  
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Use "APPLICATION FOR PERMIT --" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well:  OIL WELL  GAS WELL  OTHER INJECTION WELL

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No. 3300 N. Butler Suite 100, Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The  
EAST Line Section 14 Township 40S Range 24E

5. Lease Designation and Serial No.  
I-149-IND-8837

6. If Indian, Alottee or Tribe Name  
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT  
G414

9. API Well No.  
4303715945

10. Field and Pool, Exploratory Area  
DESERT CREEK

11. County or Parish, State  
SAN JUAN, UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

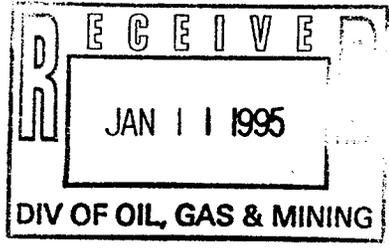
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Attering Casing
	<input checked="" type="checkbox"/> OTHER: <u>SIDE-TRACK</u>
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	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
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	<input type="checkbox"/> Dispose Water

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TEXACO E. & P., INC. PROPOSES TO SIDETRACK AND DRILL HORIZONTALLY IN THE DESERT CREEK FORMATION IN THE SUBJECT WELL:  
PLEASE SEE ATTACHED WORKOVER PROCEDURE AND WELLBORE DIAGRAMS.

APPROVED BY THE STATE  
OF NEW MEXICO  
1/12/95  
*J.A. Matthew*



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

SIGNATURE *Ted A. Tipton* TITLE Operations Unit Manager DATE 1/6/95

TYPE OR PRINT NAME Ted A. Tipton

(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.

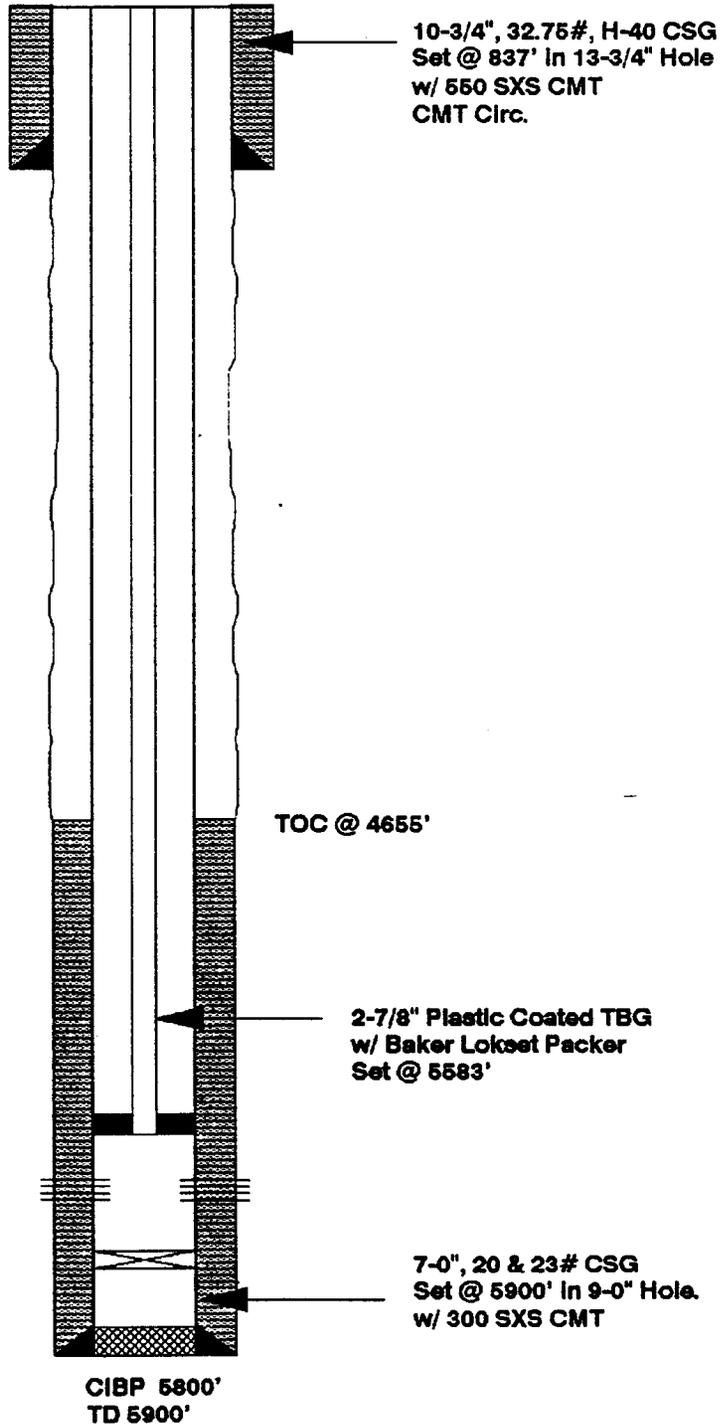


# ANETH UNIT No. G414 CURRENT COMPLETION

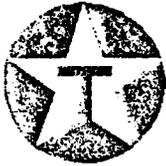
**LOCATION:**  
660' FSL & 1980' FEL  
SW/SE, Sec. 14, T40S, R24E  
San Juan County, Utah

**SPUD DATE:** 3/01/56

**ELEVATION:** 4902' KB  
4892' GL

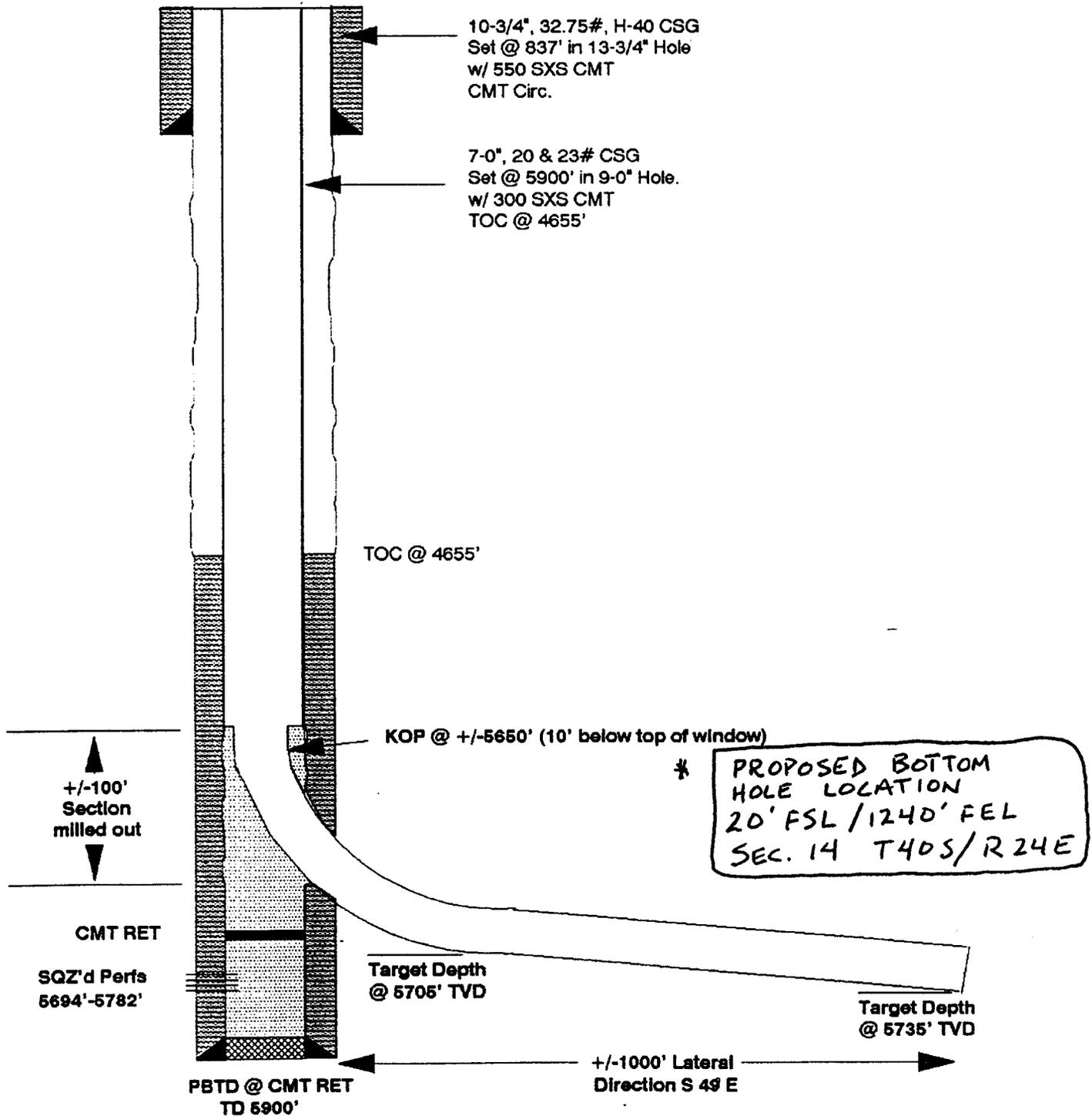


**DESERT CREEK PERFS:**  
5694'-5737'  
5766'-82'



# ANETH UNIT No. G414

## PROPOSED SIDETRACK COMPLETION



JANUARY 06, 1995

**ANETH UNIT # G 414 HORIZONTAL REENTRY**

The subject well is an injection well. It is to be reentered and a horizontal lateral drilled in the Desert Creek Zone I. The existing perforations will be squeezed and a 30' window milled in the casing. A short radius horizontal lateral will be drilled in a southeast direction approximately 1000' long. The well will be acidize using coiled tubing and then production tested.

**WELL PREPARATION:**

- 1) MIRUSU. Kill well with 10 PPG brine. Nipple up 3000 PSI BOP.
- 2) Pressure test 2 7/8" x 7" annulus to 500 PSI. (A casing leak was repaired at 836' in 1981.)
- 3) TOH and lay down 2 7/8" injection tubing and injection packer.
- 4) TIH with 6 1/4" bit on 2 7/8" work string and clean out to PBTD of 5863'(?). TOH.

**SQUEEZE EXISTING PERFORATIONS:**

- 5) TIH with cement retainer on tubing and set above perms (5694'-?) at +/- 5669'.
- 6) Space out tubing in neutral position and test tubing to 3000 PSI. Rig up squeeze manifold. Establish rate into perforations (2 BPM), note pump in pressure. Pressure up annulus to 500 PSI, monitor casing during job.
- 7) Cement squeeze with 150 sx Class "G" with .2% D156 and .2% D65 to obtain a fluid loss of 200-300 cc/30 min. (determine by lab testing) followed by 100 sx Class "G" neat, Mixed at 15.8 PPG. Min pump time 150 min at 130 °F.  
  
Spot cement to end of tubing.  
Sting into retainer.  
When cement reaches perms slow rate to 1/2 BPM.  
Maximum squeeze pressure 3000 PSI.  
Displace cement to retainer.
- 8) Pull out of retainer, reverse out cement, and check for flow. Pull tubing to 3000' and shut-in for 24 hours. TOH with tubing.
- 9) Trip in hole with 6 1/4" bit, drill collars and tubing and drill out retainer and cement to 5720'.
- 10) Circulate hole clean. Shut in backside and test casing to 1000 PSI.

## MILL 7" CASING

- 11) Circulate hole with mud for milling. TOH with tubing and bit.

MUD: Staflo  
Volume:  $(5720' * .0393 \text{ bbl/ft} = 225\text{bbls} + 200 \text{ bbls for pit} = 425 \text{ bbls})$   
Weight: 8.5 - 8.7  
Funnel Visc.: 75-80

- 12) IF casing collar log is not available in Area, Run GR-CCL to determine position of collars. (Window may be moved +/- 10 to avoid milling a casing collar. It is preferred to move the window lower if possible.)
- 13) TIH with mill for 7" casing on 2 7/8" workstring. Mill 30' section of casing from +/-5640'-5670'. Place ditch magnets in return lines to catch metal cuttings. Any time trip is made, make sure the hole is clean and the blades are retracted.
- 14) TOH with mill.

## SPOT KICK OFF PLUG:

- 15) TIH with diverter tool and +/- 300' 2 3/8" (2 1/16" if available) on 2 7/8" work string to PBTD 5720'. Circulate Polymer mud out of hole. Pull up hole so diverter tool is across milled section and wash section. TIH to PBTD.
- 16) Spot 50 sx Class "G" mixed at 17.5 PPG from 5720' to +/- 5550' (100' above window). Batch mix cement. Pull out of cement plug slow to approximately 4000'. Shut in for 12 hours minimum. TOH with tubing.
- 17) TIH with 6 1/4" bit and dress off cement to the KOP at 5650'. TOH with 6 1/4" bit. Cement must drill 1.5-2 min/ft with 10 pts and 50 RPM to insure the plug is hard enough for kickoff.
- 18) Circulate hole clean.

## DRILL CURVE SECTION:

A mud logger has been requested for the open hole section.

- 19) Displace hole with polymer mud. TOH with bit.

MUD: Staflo  
Volume:  $(5650' * .0393 \text{ bbl/ft} + 200 \text{ bbls for pit} + 1000' * .0219 \text{ bbl/ft})$   
 $(225 \text{ bbls} + 200 \text{ bbls} + 25 \text{ bbls} = 450 \text{ bbls})$   
Weight: 9.4  
Funnel Visc.: 35-40

- 20) Pick up angle build motor and test on surface. TIH with angle build BHA as follows:
- 4 3/4" bit.
  - Angle build motor.
  - Float / orientation sub.
  - 2 jts 2 7/8" flexible monel collars.
  - Enough P-110 tubing to reach from KOP to end of planned horizontal wellbore.
  - Drill collars.
  - 2 7/8" AOH DP. to surface.
- 21) TIH to KOP. Run GYRO and Orient motor to desired magnetic hole direction. Break circulation and establish off bottom pressure at operating flow rates.
- 22) Slowly lower motor to bottom, adjusting toolface as necessary to compensate for reactive torque. Continue drilling curve while maintaining proper toolface orientation. Drill curve section to target depth of 5705' TVD for start of horizontal.
- 23) Circulate hole clean. TOH with curve motor

#### DRILL HORIZONTAL LATERAL:

- 24) TIH with lateral motor BHA. (Same as step 20 but motor has lower build rate.)
- 25) Drill the horizontal lateral adjusting tool face as needed to the target. The end of the horizontal target depth is 5735' TVD. There is a window around the target line which the well path is to stay within. (See attached well plan for well path and hardlines.)
- 26) At TD circulate hole clean and TOH.
- 27) TIH with logging tool (GR-Neutron) on fiberglass rods. Log open hole section. TOH.

#### COMPLETION:

- 28) TIH with guide shoe, enough P-110 tubing to reach above KOP and workstring to TD. Circulate Mud out of hole. TOH with work string.
- 29) TIH with muleshoe, 4 jts P-110 tbg and packer on 2 7/8" tbg. Space out so P-110 tbg is across curve and packer is in the casing. Set packer.
- 30) Rig up coiled tubing unit. TIH with "PERFCLEAN" jetting sub on 1 1/2" coiled tubing to TD.
- 31) Wash open hole with 10,000 gallons 15% NEFE. Rate 2 BPM. POH with coiled tubing while acidizing so entire open hole is stimulated.
- 32) Displace acid to the end of the tubing. SI for 15 min.
- 33) Flow well until dead. TOH with coiled tubing.
- 34) TOH with work string. TIH with production equipment and test well as needed.

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

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

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**SUBMIT IN TRIPLICATE**

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2. Name of Operator  
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3. Address and Telephone No. 3300 N. Butler Suite 100, Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The  
EAST Line Section 14 Township 40S Range 24E

5. Lease Designation and Serial No.  
I-149-IND-8837

6. If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT  
G414

9. API Well No.  
4303715945

10. Field and Pool, Exploratory Area  
DESERT CREEK

11. County or Parish, State  
SAN JUAN, UTAH

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

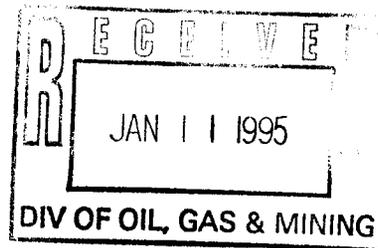
TYPE OF SUBMISSION	TYPE OF ACTION
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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
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	<input type="checkbox"/> Attering Casing
	<input checked="" type="checkbox"/> OTHER: <u>SIDE-TRACK</u>
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PLEASE SEE ATTACHED WORKOVER PROCEDURE AND WELLBORE DIAGRAMS.

APPROVED BY THE OFFICE OF THE ASSISTANT DIRECTOR FOR OIL, GAS & MINING  
DATE: 1/12/95  
BY: [Signature]



14. I hereby certify that the foregoing is true and correct  
SIGNATURE [Signature] TITLE Operations Unit Manager DATE 1/6/95

TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)  
APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

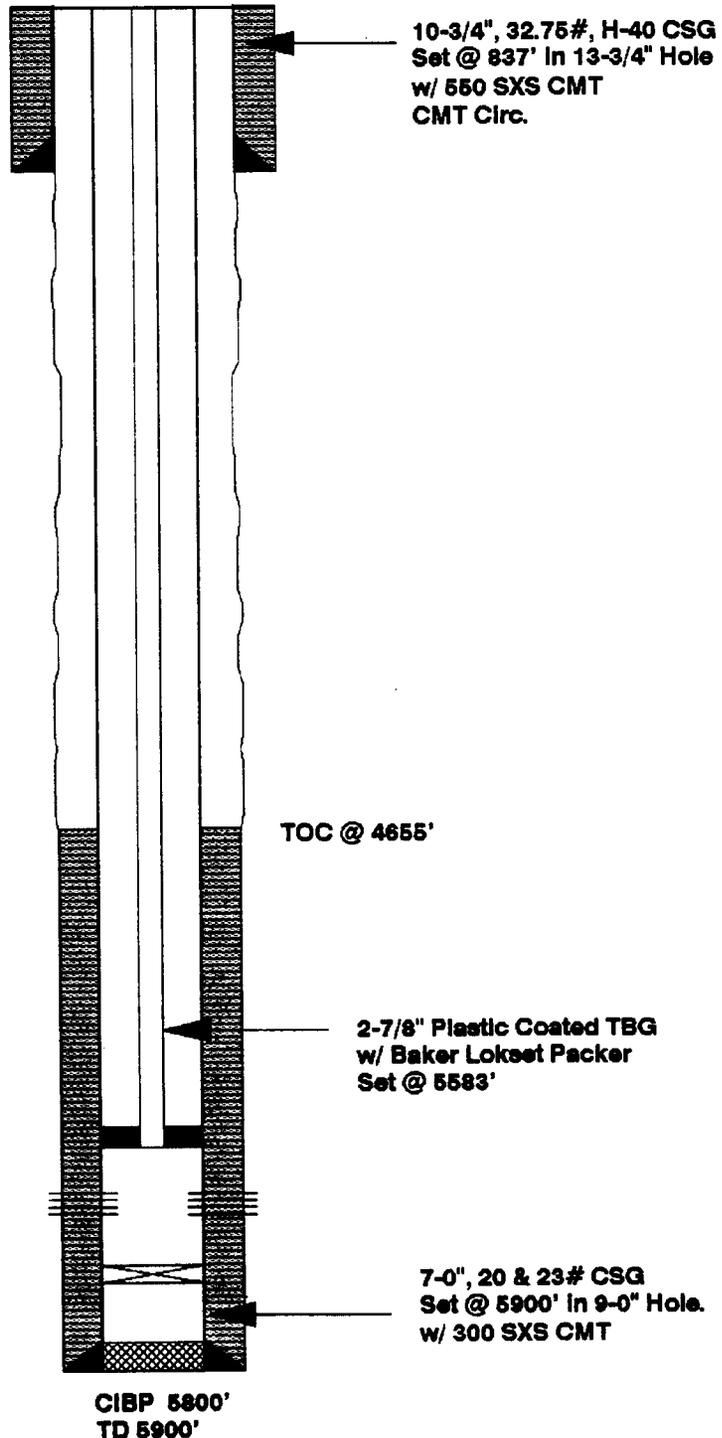
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



# ANETH UNIT No. G414 CURRENT COMPLETION

**LOCATION:**  
660' FSL & 1980' FEL  
SW/SE, Sec. 14, T40S, R24E  
San Juan County, Utah

**SPUD DATE:** 3/01/56  
**ELEVATION:** 4902' KB  
4892' GL

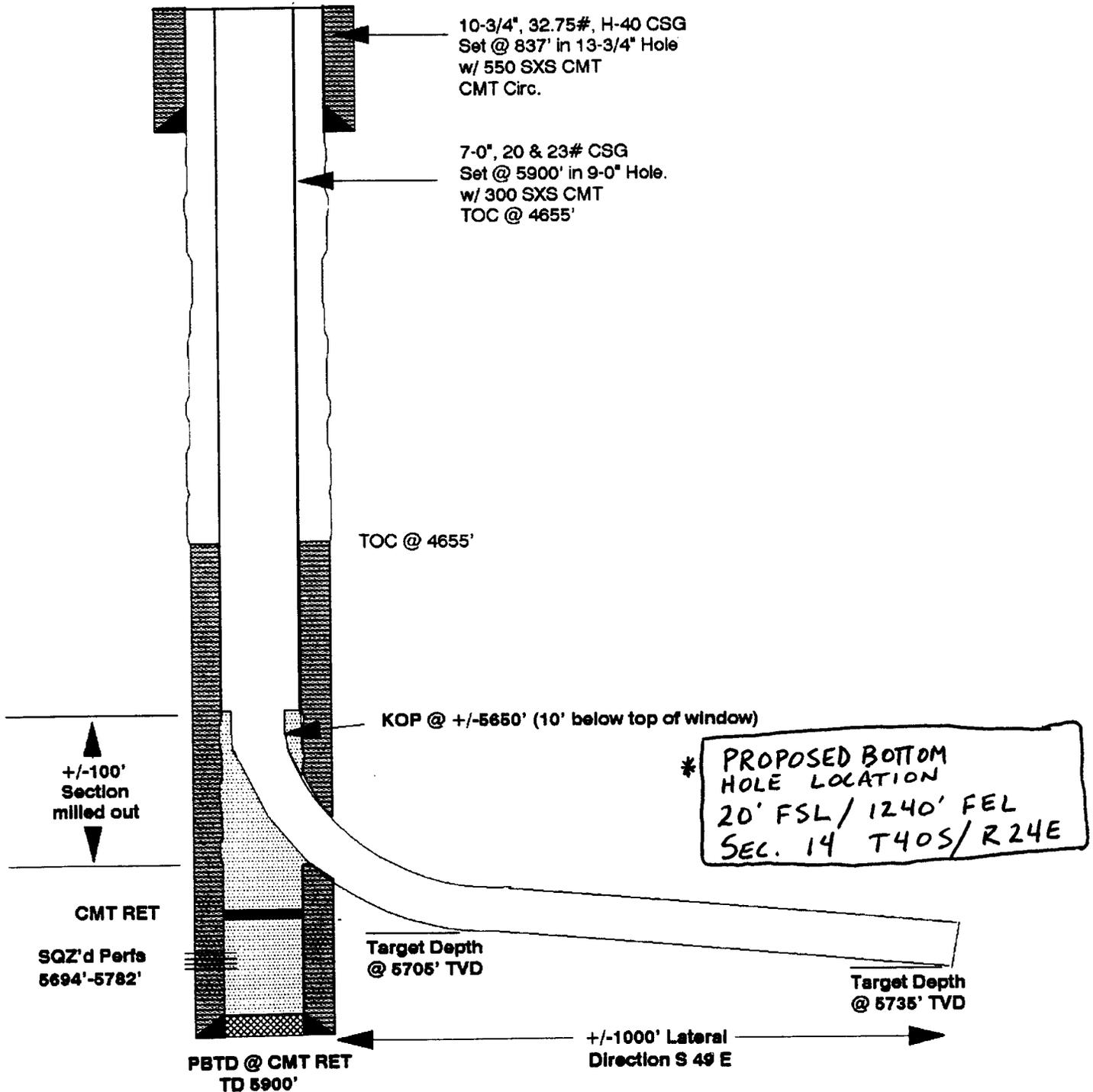


**DESERT CREEK PERFS:**  
5694'-5737'  
5766'-82'



# ANETH UNIT No. G414

## PROPOSED SIDETRACK COMPLETION



JANUARY 06, 1995

**ANETH UNIT # G 414 HORIZONTAL REENTRY**

The subject well is an injection well. It is to be reentered and a horizontal lateral drilled in the Desert Creek Zone I. The existing perforations will be squeezed and a 30' window milled in the casing. A short radius horizontal lateral will be drilled in a southeast direction approximately 1000' long. The well will be acidize using coiled tubing and then production tested.

**WELL PREPARATION:**

- 1) MIRUSU. Kill well with 10 PPG brine. Nipple up 3000 PSI BOP.
- 2) Pressure test 2 7/8" x 7" annulus to 500 PSI. (A casing leak was repaired at 836' in 1981.)
- 3) TOH and lay down 2 7/8" injection tubing and injection packer.
- 4) TIH with 6 1/4" bit on 2 7/8" work string and clean out to PBTD of 5863'(?). TOH.

**SQUEEZE EXISTING PERFORATIONS:**

- 5) TIH with cement retainer on tubing and set above perms (5694' -?) at +/- 5669'.
- 6) Space out tubing in neutral position and test tubing to 3000 PSI. Rig up squeeze manifold. Establish rate into perforations (2 BPM), note pump in pressure. Pressure up annulus to 500 PSI, monitor casing during job.
- 7) Cement squeeze with 150 sx Class "G" with .2% D156 and .2% D65 to obtain a fluid loss of 200-300 cc/30 min. (determine by lab testing) followed by 100 sx Class "G" neat, Mixed at 15.8 PPG. Min pump time 150 min at 130 °F.  
  
Spot cement to end of tubing.  
Sting into retainer.  
When cement reaches perms slow rate to 1/2 BPM.  
Maximum squeeze pressure 3000 PSI.  
Displace cement to retainer.
- 8) Pull out of retainer, reverse out cement, and check for flow. Pull tubing to 3000' and shut-in for 24 hours. TOH with tubing.
- 9) Trip in hole with 6 1/4" bit, drill collars and tubing and drill out retainer and cement to 5720'.
- 10) Circulate hole clean. Shut in backside and test casing to 1000 PSI.

## MILL 7" CASING

- 11) Circulate hole with mud for milling. TOH with tubing and bit.  
  
MUD: Staflo  
Volume:  $(5720' * .0393 \text{ bbl/ft} = 225 \text{ bbls} + 200 \text{ bbls for pit} = 425 \text{ bbls})$   
Weight: 8.5 - 8.7  
Funnel Visc.: 75-80
- 12) IF casing collar log is not available in Area, Run GR-CCL to determine position of collars. (Window may be moved +/- 10 to avoid milling a casing collar. It is preferred to move the window lower if possible.)
- 13) TIH with mill for 7" casing on 2 7/8" workstring. Mill 30' section of casing from +/-5640'-5670'. Place ditch magnets in return lines to catch metal cuttings. Any time trip is made, make sure the hole is clean and the blades are retracted.
- 14) TOH with mill.

## SPOT KICK OFF PLUG:

- 15) TIH with diverter tool and +/- 300' 2 3/8" (2 1/16" if available) on 2 7/8" work string to PBTD 5720'. Circulate Polymer mud out of hole. Pull up hole so diverter tool is across milled section and wash section. TIH to PBTD.
- 16) Spot 50 sx Class "G" mixed at 17.5 PPG from 5720' to +/- 5550' (100' above window). Batch mix cement. Pull out of cement plug slow to approximately 4000'. Shut in for 12 hours minimum. TOH with tubing.
- 17) TIH with 6 1/4" bit and dress off cement to the KOP at 5650'. TOH with 6 1/4" bit. Cement must drill 1.5-2 min/ft with 10 pts and 50 RPM to insure the plug is hard enough for kickoff.
- 18) Circulate hole clean.

## DRILL CURVE SECTION:

A mud logger has been requested for the open hole section.

- 19) Displace hole with polymer mud. TOH with bit.  
  
MUD: Staflo  
Volume:  $(5650' * .0393 \text{ bbl/ft} + 200 \text{ bbls for pit} + 1000' * .0219 \text{ bbl/ft})$   
 $(225 \text{ bbls} + 200 \text{ bbls} + 25 \text{ bbls} = 450 \text{ bbls})$   
Weight: 9.4  
Funnel Visc.: 35-40

20) Pick up angle build motor and test on surface. TIH with angle build BHA as follows:

4 3/4" bit.

Angle build motor.

Float / orientation sub.

2 jts 2 7/8" flexible monel collars.

Enough P-110 tubing to reach from KOP to end of planned horizontal wellbore.

Drill collars.

2 7/8" AOH DP. to surface.

- 21) TIH to KOP. Run GYRO and Orient motor to desired magnetic hole direction. Break circulation and establish off bottom pressure at operating flow rates.
- 22) Slowly lower motor to bottom, adjusting toolface as necessary to compensate for reactive torque. Continue drilling curve while maintaining proper toolface orientation. Drill curve section to target depth of 5705' TVD for start of horizontal.
- 23) Circulate hole clean. TOH with curve motor

#### DRILL HORIZONTAL LATERAL:

- 24) TIH with lateral motor BHA. (Same as step 20 but motor has lower build rate.)
- 25) Drill the horizontal lateral adjusting tool face as needed to the target. The end of the horizontal target depth is 5735' TVD. There is a window around the target line which the well path is to stay within. (See attached well plan for well path and hardlines.)
- 26) At TD circulate hole clean and TOH.
- 27) TIH with logging tool (GR-Neutron) on fiberglass rods. Log open hole section. TOH.

#### COMPLETION:

- 28) TIH with guide shoe, enough P-110 tubing to reach above KOP and workstring to TD. Circulate Mud out of hole. TOH with work string.
- 29) TIH with muleshoe, 4 jts P-110 tbg and packer on 2 7/8" tbg. Space out so P-110 tbg is across curve and packer is in the casing. Set packer.
- 30) Rig up coiled tubing unit. TIH with "PERFCLEAN" jetting sub on 1 1/2" coiled tubing to TD.
- 31) Wash open hole with 10,000 gallons 15% NEFE. Rate 2 BPM. POH with coiled tubing while acidizing so entire open hole is stimulated.
- 32) Displace acid to the end of the tubing. SI for 15 min.
- 33) Flow well until dead. TOH with coiled tubing.
- 34) TOH with work string. TIH with production equipment and test well as needed.

Form 3100-5  
(June 1990)

**RECEIVED**

JUN 12 1995

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

**DIV. OF OIL, GAS & RENEWABLES**

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:  OIL WELL  GAS WELL  OTHER INJECTION WELL

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No. 3300 N. Butler Suite 100, Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The EAST Line Section 14 Township 40S Range 24E

5. Lease Designation and Serial No.  
I-149-IND-8837

6. If Indian, Alottee or Tribe Name  
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT  
G414

9. API Well No.  
4303715945

10. Field and Pool, Exploatory Area  
DESERT CREEK

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 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 checked="" type="checkbox"/> OTHER: SIDE-TRACK
	<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.)

TEXACO E. & P., INC. HAS COMPLETED THE HORIZONTAL SECTION INTO THE DESERT CREEK FORMATION IN THE SUBJECT EXISTING WELL. THE FOLLOWING PROCEDURE WAS FOLLOWED:

2/02/95. POH WITH TUBING AND PACKER. GIH WITH BIT AND SCRAPER AND CLEAN OUT TO 5800'. SET CEMENT RETAINER @ 5592'. SQUEEZED BELOW RETAINER WITH 100 SXS CLASS G CEMENT. DRILLED OUT RETAINER AND CEMENT. NO CEMENT BELOW RETAINER. SET RETAINER @ 5675'. ATTEMPTED TO SQUEEZE BELOW RETAINER. RETAINER DID NOT HOLD. DRILLED OUT RETAINER. SET RETAINER @ 5553'. SQUEEZED BELOW RETAINER WITH 58 SXS CEMENT. DRILLED OUT RETAINER AND CEMENT TO 5668'. TESTED CASING TO 1000 PSI. HELD OK. GIH WITH SECTION MILL AND MILLED 30' SECTION IN 5-1/2" CASING FROM 5613' TO 5643'. SPOTTED CEMENT PLUG FROM 5668' TO 5450'. DRILLED CEMENT FROM 5472' TO 5623'. GIH WITH GYRO, MOTOR, AND BIT. ORIENTED MOTOR AND DRILLED CURVE SECTION. DRILLED HORIZONTAL HOLE TO MD OF 6671' WITH 4-3/4" BIT. ACIDIZED HORIZONTAL SECTION OF HOLE WITH 8600 GALLONS OF 28% HCL NEFE ACID. AVG. RATE 0.8 BPM, MAX. PRESS. 1000 PSI, AVG. PRESS. 500 PSI.

2/28/95. PUT WELL ON TEST.

4/27/95. AFTER TESTING THE PRODUCTIVITY OF THE HORIZONTAL SECTION, THE SUBJECT WELL HAS RETURNED TO INJECTION.

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

SIGNATURE Ted A. Tipton TITLE Operating Unit Manager DATE 5/30/95

TYPE OR PRINT NAME Ted A. Tipton

(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.

JUN 12 1995

SUBMIT ORIGINAL WITH 5 COPIES

**DIV. OF OIL, GAS & MINING  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. Type of Well: OIL  WELL GAS  WELL DRY  OTHER INJECTION WELL

1b. Type of Completion: NEW  WELL WORK  OVER DEEPEN  BACK PLUG  RESVR. DIFF.  OTHER SIDE-TRACK

2. Name of Operator: **TEXACO EXPLORATION & PRODUCTION, INC.**

3. Address and Telephone No.: **3300 N. Butler Suite 100, Farmington NM 87401 325-4397**

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At Surface: Unit Letter **O** : **660** Feet From The **SOUTH** Line and **1980** Feet From The **EAST** Line  
At proposed prod. zone: **20' FSL & 1240' FEL OF SEC. 14, T40S R24E**

5. Lease Designation and Serial No.: **I-149-IND-8837**

6. If Indian, Alottee or Tribe Name: **NAVAJO TRIBAL**

7. If Unit or CA, Agreement Designation: **ANETH UNIT**

8. Well Name and Number: **ANETH UNIT**

9. API Well No.: **G414 4303715945**

10. Field and Pool, Exploaratory Area: **DESERT CREEK**

11. SEC., T., R., M., or BLK. and Survey or Area: **Sec. 14, Township 40S, Range 24E**

12. County or Parish: **SAN JUAN**

13. State: **UTAH**

14. Permit No.: **4303715945**

15. Date Spudded: **2/2/95**

16. Date T.D. Reached: **2/23/95**

17. Date Compl. (Ready to Prod.): **2/28/95**

18. Elevations (Show whether DF, RT, GR, etc.): **4902' KE 4892' GL**

19. Elev. Casinhead: **4892' GL**

20. Total Depth: MD & TVD **6671' MD 5718' TVD**

21. Plug Back T.D. MD & TVD: **6671' MD (5718' TVD)**

22. If Multiple Compl., How Many\* **1**

23. Intervals Drilled By -> **Rotary Tools 5623' - 6671'**

24. Producing Interval(s), Of This Completion - Top, Bottom, Name (MD and TVD)\*  
**HORIZONTAL OPEN HOLE: 5623'(MD) - 6671' (MD)**

25. Was Directional Survey Made: **YES**

26. Type Electric and Other Logs Run: **FINDER GYRO SURVEY**

27. Was Well Cored: **NO**

28. CASING RECORD (Report all Strings set in well)

CASING SIZE & GRADE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
10.75"	32.75#	837'	13.75"	550 SXS	CIRC.
7.0"	20 & 23#	5900'	9.0"	300 SXS	TOC = 4655'
		0			

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2.875"	5525'	5530'

30. TUBING RECORD

31. Perforation record (interval, size, and number)  
**HORIZONTAL OPEN HOLE: 5623' (MD) - 6671' (MD)**

32. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5623'-6671'	8600 GALS. 28% HCL NEFE ACID
5863'-5623'	CMT TO KOP
5694'-5782'	SOZ W/ 158 SXS CMT

33. PRODUCTION

Date First Production: **2/28/95**

Production Method (Flowing, gas lift, pumping - size and type pump): **FLOWING**

Well Status (Prod. or Shut-in): **PRODUCING**

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
3/01/95	24	14.0		358	172	477	480

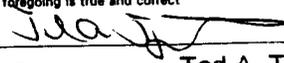
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
380#	0#		358	172	477	42

34. Disposition of Gas (Sold, used for fuel, vented, etc.): **SOLD**

Test Witnessed By: **MARK KRAMER**

35. List of Attachments: **SUNDRY, GYRO SURVEY**

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

SIGNATURE:  TITLE: **Operating Unit Manager** DATE: **5/30/95**

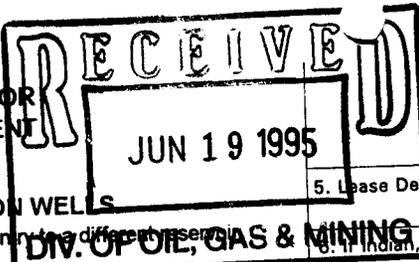
TYPE OR PRINT NAME: **Ted A. Tipton**

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION:	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	
						MEAS. DEPTH	TRUE VERT. DEPTH
				NAVAJO SS	944'		
				DeCHELLE	2802'		
				ORGAN ROCK	2891'		
				HERMOSA	4707'		
				PARADOX	5682'		

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 reenter the different reservoirs

Use "APPLICATION FOR PERMIT --" for such proposals

5. Lease Designation and Serial No. I-149-IND-8837

6. Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation ANETH UNIT

8. Well Name and Number ANETH UNIT

G414

9. API Well No. 4303715945

10. Field and Pool, Exploratory Area DESERT CREEK

11. County or Parish, State SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well:  OIL WELL  GAS WELL  OTHER INJECTION WELL *Reentry*

2. Name of Operator TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No. 3300 N. Butler Suite 100, Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description) *SW 1/4 SE 1/4*  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The

EAST Line Section 14 Township 40S Range 24E

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Attending Casing
- OTHER: ADD'L SIDE-TRACK
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- 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.)\*

TEXACO E. & P., INC. PROPOSES TO SIDETRACK AND DRILL AN ADDITIONAL HORIZONTAL SECTION INTO THE DESERT CREEK FORMATION IN THE SUBJECT WELL.

THIS SIDETRACK WILL BE IN THE NORTHWEST DIRECTION WITH THE PROJECTED BOTTOM HOLE LOCATION AT:

1257' FSL & 2572' FEL, SEC. 14, T40S/R24E

PLEASE SEE ATTACHED WORKOVER PROCEDURE AND WELLBORE DIAGRAMS.

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

SIGNATURE *Ted A. Tipton* TITLE Operating Unit Manager DATE 6/13/95

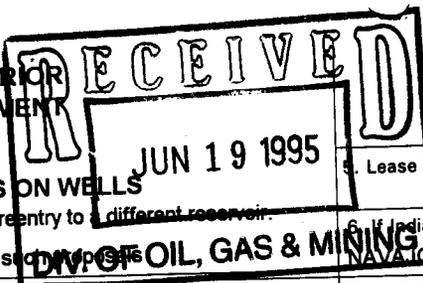
TYPE OR PRINT NAME Ted A. Tipton

APPROVED BY *Matthew* TITLE Petroleum Engineer DATE 6/20/95

CONDITIONS OF APPROVAL, IF ANY:

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT



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

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Lease Designation and Serial No.  
I-149-IND-8837

If Indian, Allottee or Tribe Name  
NAVAJO TRIBAL

SUBMIT IN TRIPLICATE

1. Type of Well:  OIL WELL  GAS WELL  OTHER INJECTION WELL *Reentry*

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No. 3300 N. Butler Suite 100, Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The  
EAST Line Section 14 Township 40S Range 24E

7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT  
G414

9. API Well No.  
4303715945

10. Field and Pool, Exploratory Area  
DESERT CREEK

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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Attering Casing
- OTHER: ADD'L SIDE-TRACK
- Change of Plans
- New Construction
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- Water Shut-Off
- Conversion to Injection
- 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.)\*

TEXACO E. & P., INC. PROPOSES TO SIDETRACK AND DRILL AN ADDITIONAL HORIZONTAL SECTION INTO THE DESERT CREEK FORMATION IN THE SUBJECT WELL.

THIS SIDETRACK WILL BE IN THE NORTHWEST DIRECTION WITH THE PROJECTED BOTTOM HOLE LOCATION AT:

1257' FSL & 2572' FEL, SEC. 14, T40S/R24E

PLEASE SEE ATTACHED WORKOVER PROCEDURE AND WELLBORE DIAGRAMS.

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

SIGNATURE Ted A. Tipton TITLE Operating Unit Manager DATE 6/13/95

TYPE OR PRINT NAME Ted A. Tipton

APPROVED BY [Signature] TITLE Production Engineer DATE 6/20/95

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.

**ANETH UNIT #G414**  
**SECOND HORIZONTAL LATERAL REENTRY**

The subject well has an existing horizontal lateral in the southeast direction. It is to be reentered and a second horizontal lateral is to be drilled in the Desert Creek formation. The second horizontal lateral will be drilled in the northwest direction approximately 841' long. The second horizontal lateral will be acidized using coiled tubing and then production tested.

**WELL PREPARATION:**

- 1) MIRU drilling unit. Nipple up 3M BOPE.
- 2) Kill well with produced water.
- 3) TOH and lay down injection tubing and injection packer.
- 4) TIH with 4-3/4" bit on 2-7/8" drilling work string and clean out to KOP of first lateral 5,644' TVD. Spot viscous plug (200+ sec/qt) to limit amount of cuttings entering first build section while drilling the second build and lateral sections.

**DRILL SECOND CURVE SECTION (NORTHWEST DIRECTION):**

- 5) Displace hole with starch mud. TOH with bit.

MUD: Starch  
Volume: (5650' \* .0238 bbl/ft + 200 bbls for pit + 905' \* .0219 bbl/ft)  
(135 bbls + 200 bbls + 20 bbls = 355 bbls)  
Weight: 8.7  
Funnel Visc.: 35-40

- 6) Pick up kick-off motor and test on surface. TIH with kick-off BHA s follows:  
4 3/4" bit.  
Kick-off motor (with 2.5-3.0° bent sub)  
Float/ orientation sub.  
1 jt 2 7/8" flexible monel collars.  
Enough P-110 tubing to reach from KOP to end of planned horizontal wellbore.  
Drill collars  
2 7/8", AOH DP. to surface.

Aneth Unit #G414  
Second Horizontal Reentry  
San Juan County, Utah  
Drilling & Completion Procedure

- 7) TIH to **second KOP of 5633' (10' past original KOP of 5,623')**. Run GYRO and Orient motor to northwest direction. Break circulation and establish off bottom pressure at operating flow rates. **Planned build rate is 82°/100' with a radius of 70'**.
- 8) Slowly lower motor to bottom, adjusting toolface as necessary to compensate for reactive torque. Drill approximately 20' of build section with kick-off motor. TOH with kick-off motor and lay down. Pick up build motor (3 restricted articulations to maintain build rates below 90°/100') and TIH. Continue drilling curve while maintaining proper toolface orientation. Drill curve section to **target depth of 5,703' TVD** for start of horizontal.
- 9) Circulate hole clean. TOH with curve motor.

**DRILL SECOND HORIZONTAL LATERAL (NORTHWEST DIRECTION):**

- 10) TIH with lateral motor BHA. (Same as step 22 but motor has lower build rate.)
- 11) Drill the **second horizontal lateral (841')** adjusting tool face as needed to the target. **The end of the horizontal target depth is 5725' TVD.** There is a window around the target line which the well path is to stay within. While drilling the lateral section, run sweeps of 5 bbls. water, 3 bbls prehydrated gel (90+ viscosity), and 1 gallon polymer.
- 12) At TD circulate hole clean with mud. TOH. Release directional equipment.

**COMPLETION:**

- 13) TIH with muleshoe, bent sub, orienting sub, 6 jts 2-7/8" P-110 tbg, inflatable packer for 4-3/4" openhole on 2 7/8" work string. **With Gyro, orient BHA so that tubing enters the northwest lateral.** Space out so P-110 tubing is across curve section and packer is in the curve section below the second kick-off point. Set the packer.
- 14) Rig up coiled tubing unit. TIH with "PERFCLEAN" jetting sub on 1 1/2" coiled tubing to TD. Circulate mud out of hole
- 15) Wash second lateral open hole with 10,000 gallons 28% NEFE. Rate 2 BPM. POH with coiled tubing while acidizing so entire open hole is stimulated.

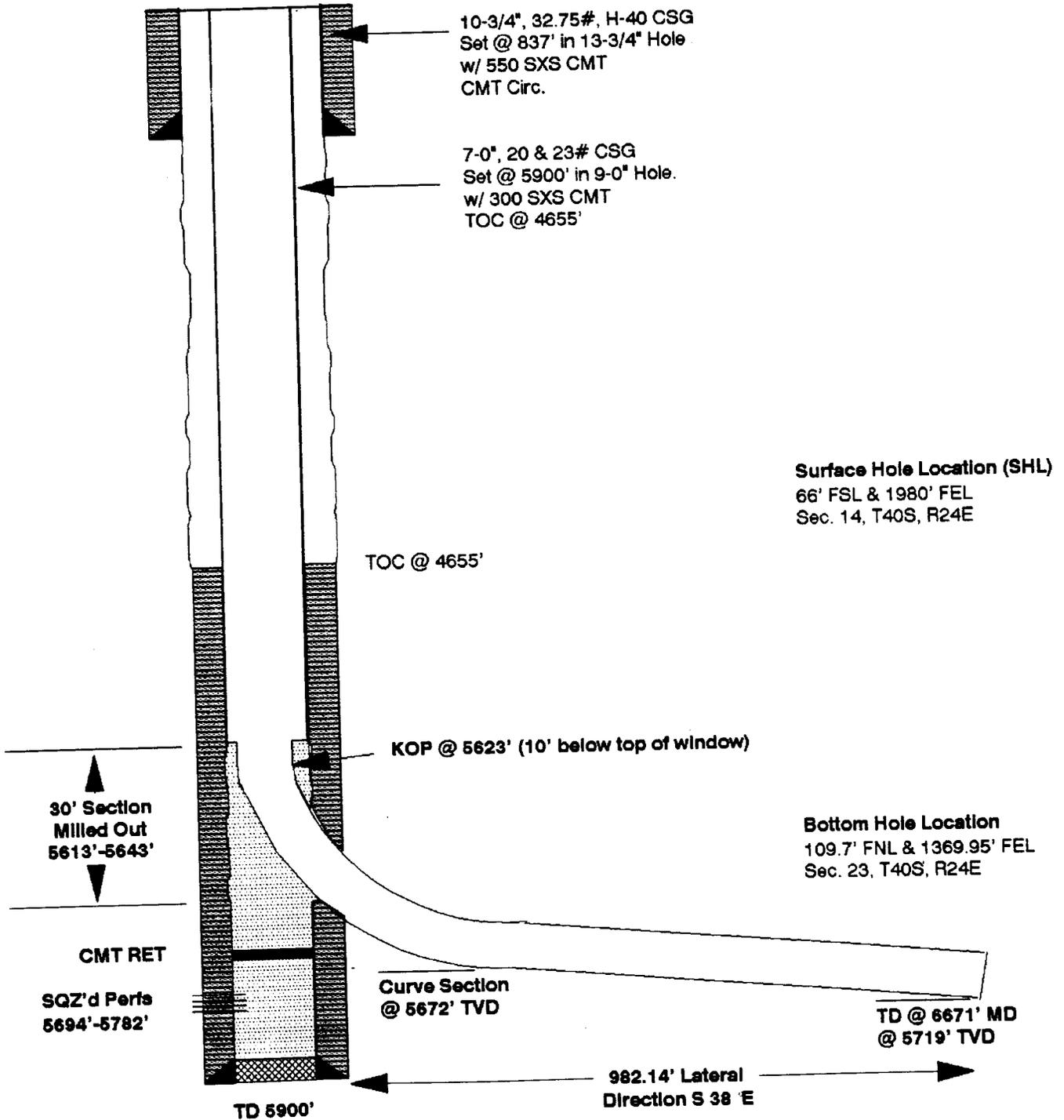
Aneth Unit #G414  
Second Horizontal Reentry  
San Juan County, Utah  
Drilling & Completion Procedure

- 16) Displace acid to the end of the tubing. SI for 15 min.
- 17) TOH with coiled tubing.
- 18) Release packer and orient tubing into first curve section (southeast). Circulate viscous plug out of hole. TOH with packer and workstring. TIH with production equipment and test well as needed.



# ANETH UNIT No. G414

## CURRENT SIDETRACK COMPLETION



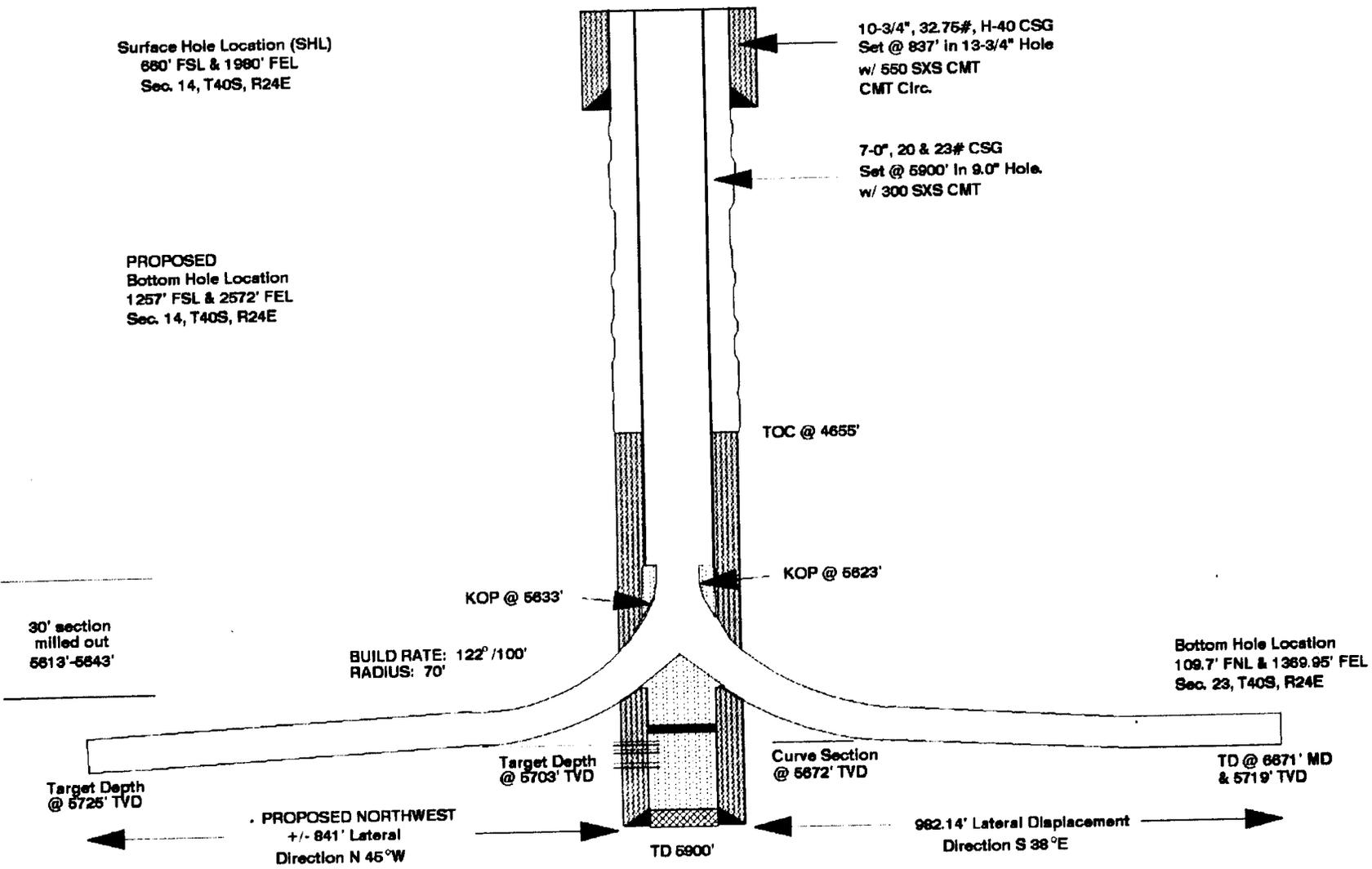


# ANETH UNIT No. G414

## PROPOSED DUAL HORIZONTAL LATERALS

Surface Hole Location (SHL)  
660' FSL & 1980' FEL  
Sec. 14, T40S, R24E

PROPOSED  
Bottom Hole Location  
1257' FSL & 2572' FEL  
Sec. 14, T40S, R24E



10-3/4", 32.75#, H-40 CSG  
Set @ 837' in 13-3/4" Hole  
w/ 550 SXS CMT  
CMT Circ.

7-0", 20 & 23# CSG  
Set @ 5900' in 9-0" Hole  
w/ 300 SXS CMT

TOC @ 4655'

KOP @ 5623'

KOP @ 5633'

BUILD RATE: 122' / 100'  
RADIUS: 70'

Bottom Hole Location  
109.7' FNL & 1369.95' FEL  
Sec. 23, T40S, R24E

30' section  
milled out  
5613'-5643'

Target Depth  
@ 5725' TVD

Target Depth  
@ 5703' TVD

Curve Section  
@ 5672' TVD

TD @ 6671' MD  
& 5719' TVD

PROPOSED NORTHWEST  
+/- 841' Lateral  
Direction N 45°W

TD 5900'

962.14' Lateral Displacement  
Direction S 38°E



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Ted Stewart  
Executive Director  
James W. Carter  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340  
801-359-3940 (Fax)  
801-538-5319 (TDD)

June 20, 1995

Texaco Exploration & Production Inc.  
3300 N. Butler, Suite 100  
Farmington, New Mexico 87401

Re: Aneth Unit G414 Well, 660' FSL, 1980' FEL, SW SE, Sec. 14, T. 40 S., R. 24 E.,  
San Juan County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to reenter and drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-15945.

Sincerely,

R. J. Erth  
Associate Director

ldc

Enclosures

cc: San Juan County Assessor

Bureau of Land Management, Moab District Office

WAPD



Operator: Texaco Exploration & Production Inc.  
Well Name & Number: Aneth Unit G414  
API Number: 43-037-15945  
Lease: I-149-IND-8837  
Location: SW SE Sec. 14 T. 40 S., R. 24 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, submittal of a complete angular deviation and directional survey report is required.

10-2-95

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: TEXACO E & P

Well Name: ANETH G-414 (KE ENTRY)

Api No. 43-037-15945

Section 14 Township 40S Range 24E County SAN JUAN

Drilling Contractor BIG "A"

Rig # 23

SPUDDED: Date 9/22/95

Time \_\_\_\_\_

How ROTARY

Drilling will commence \_\_\_\_\_

Reported by HARVEY STEVEN

Telephone # \_\_\_\_\_

Date: 9/25/95 Signed: FRM

**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.  
I-149-IND-8837

6. If Indian, Alottee or Tribe Name  
NAVAJO TRIBE

7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT  
G414

9. API Well No.  
4303715945

10. Field and Pool, Exploratory Area  
DESERT CREEK

11. County or Parish, State  
SAN JUAN, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well:  OIL WELL  GAS WELL  OTHER INJECTION WELL

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No.  
3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The  
EAST Line Section 14 Township T40S Range R24E

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 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 checked="" type="checkbox"/> OTHER: <u>ADD'L SIDETRACK</u>
	<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,)\*.

TEXACO E. & P., INC. HAS COMPLETED THE ADDITIONAL NORTHWEST HORIZONTAL SECTION INTO THE DESERT CREEK FORMATION IN THE SUBJECT WELL. THE FOLLOWING PROCEDURE WAS FOLLOWED:

9/24/95-10/09/95. MIRU POWER SWIVEL. KICKOFF POINT ESTABLISHED @ 5620'. DRILLED 2ND HORIZONTAL LATERAL IN THE NORTHWEST DIRECTION FROM 5620' TO TD @ 6514'. BOTTOM HOLE LOCATION OF LATERAL #2 IS: 1277' FSL & 2583' FEL, SEC. 14, T40S, R24E.  
 10/10/95. RIGGED DOWN DRILLING RIG. RUPU. RE-ENTERED LATERAL #1 WITH WORKSTRING AND CLEANED OUT TO 6692'. PULLED WORKSTRING UP TO 5687'. RU COILED TBG. TIH WITH COILED TBG INTO LATERAL #2 TO 6541'. ACIDIZED LATERAL #2 WITH 8000# GAL. OF 28% HCl FROM 5687'-6541' WITH 5 PASSES OF COILED TBG. TOOH WITH COILED TBG.  
 10/12/95. TIH WITH COILED TBG IN LATERAL #2 TO 6691'. ACIDIZED LATERAL #1 WITH 9000# GAL. OF 28% HCl. TOOH WITH COILED TBG.  
 10/14/95. FLOWED 620 BBLs. WITH 75% OIL. TOOH WITH WORKSTRING. TIH WITH PKR AND SET @ 5513'. TOOH WITH WORKSTRING.  
 10/26/95. TIH WITH 2-3/8" CMT LINED TBG TO 5491'. INSTALLED WELLHEAD. TESTED TO 500 PSI. RDMOL.

JAN 5 1995

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

SIGNATURE Ted A. Tipton TITLE Operating Unit Manager DATE 12/18/95  
 TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)

APPROVED

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

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

JAN 5 1996

FORM APPROVED  
Budget Bureau No. 1004-1037  
Expires: December 31, 1991

SUBMIT ORIGINAL WITH 5 COPIES

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. Type of Well: OIL  GAS  DRY  OTHER INJECTION WELL  
WELL WELL

1b. Type of Completion: NEW  WORK  DEEPEN  PLUG  DIFF.  OTHER SIDETRACK - REENTRY  
WELL OVER BACK RESVR.

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No.  
3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At Surface  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The EAST Line  
At proposed prod. zone

At Total Depth LATERAL #2  
1277' FSL & 2583' FEL of SEC. 14

14. Permit No. 4303715945  
Date Issued

15. Date Spudded 3/1/56  
16. Date T.D. Reached 4/18/56  
17. Date Compl. (Ready to Prod.) 10/26/95  
18. Elevations (Show whether DF, RT, GR, etc.) 4902' KB, 4892' GL

20. Total Depth, MD & TVD 6514' MD (5750' TVD)  
21. Plug Back T.D., MD & TVD 6514' MD (5750' TVD)  
22. If Multiple Compl., How Many\*  
23. Intervals Drilled By --> Rotary Tools 5620'-6514' Cable Tools NONE

24. Producing Interval(s), Of This Completion -- Top, Bottom, Name (MD and TVD)\*  
NORTHWEST LATERAL HORIZONTAL OPEN HOLE; 5620' (MD) - 6514' (MD)

26. Type Electric and Other Logs Run  
FINDER GYRO SURVEY

28. CASING RECORD (Report all Strings set in well)

CASING SIZE & GRADE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
10.75"	32.75#	837'	13.75"	550 SXS	CIRC.
7.0"	20 & 23#	5900'	9.0"	300 SXS	TOC = 4655
		0			

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.875"	5491'	5500'

31. Perforation record (interval, size, and number)

NORTHWEST LATERAL HORIZONTAL OPEN HOLE: 5620' (MD) - 6514' (MD)

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5620'-6514'	LATERAL #2 - 8000 GAL. 28% HCL
5623'-6691'	LATERAL #1 - 9000 GAL. 28% HCL

33. PRODUCTION

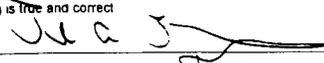
Date First Production 10/26/95  
Production Method (Flowing, gas lift, pumping - size and type pump) INJECTING  
Well Status (Prod. or Shut-in) INJECTING

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
10/26/95	24 HRS	0		0	0	0	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)	
0	0		0	0	0	0	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Test Witnessed By SULLIVAN

35. List of Attachments  
SUNDRY, DEVIATION REPORT

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

SIGNATURE  TITLE Operating Unit Manager DATE 12/21/95  
TYPE OR PRINT NAME Ted A. Tipton

5. Lease Designation and Serial No.  
I-149-IND-3337

6. If Indian, Alottee or Tribe Name  
NAVAJO TRIBE

7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT

G414

9. API Well No.  
4303715945

10. Field and Pool, Exploratory Area  
DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area  
Sec. 14, Township T4N S Range R24E

12. County or Parish SAN JUAN  
13. State UTAH

19. Elev. Casinhead 4892' GL

27. Was Well Cored  
NO

25. Was Directional Survey Made  
YES

37 SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

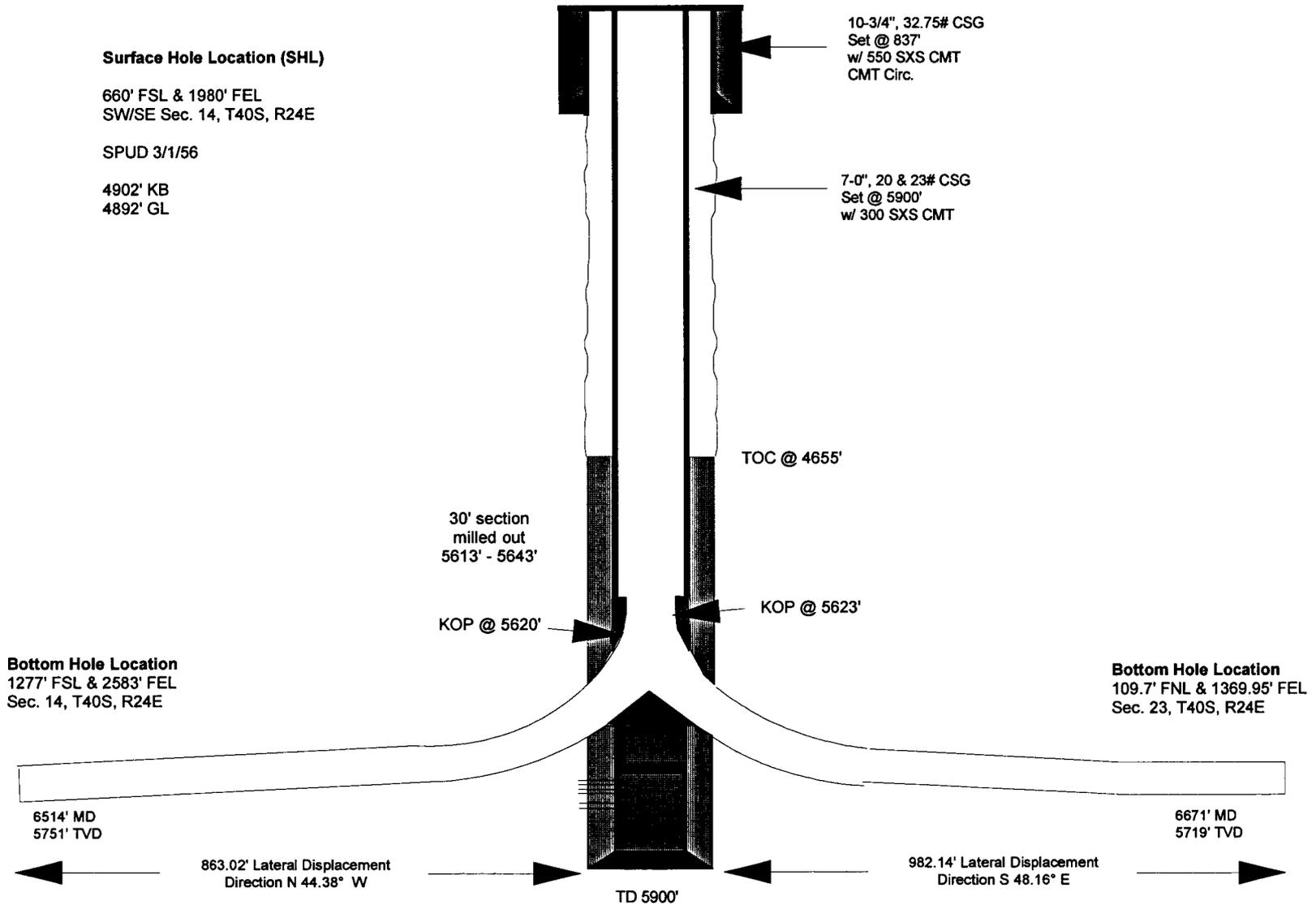
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				NAVAJO SS	944'	
				DeCHELLE	2802'	
				ORGAN ROCK	2891'	
				HERMOSA	4707'	
				PARADOX	5682'	



# ANETH UNIT No. G414

ACTUAL DUAL HORIZONTAL LATERALS

2/23/98



**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:     OIL WELL     GAS WELL     OTHER INJECTION WELL

2. Name of Operator  
TEXACO EXPLORATION & PRODUCTION, INC.

3. Address and Telephone No.  
3300 N. Butler Ave., Suite 100    Farmington    NM    87401    325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter O : 660 Feet From The SOUTH Line and 1980 Feet From The  
EAST Line    Section 14    Township T40S    Range R24E

5. Lease Designation and Serial No.  
I-149-IND-8837

6. If Indian, Alottee or Tribe Name  
NAVAJO TRIBE

7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT  
G414

9. API Well No.  
4303715945

10. Field and Pool, Exploratory Area  
DESERT CREEK

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 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 checked="" type="checkbox"/> OTHER: <u>EQUIPMENT UPGRADE</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
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	<input type="checkbox"/> Dispose Water

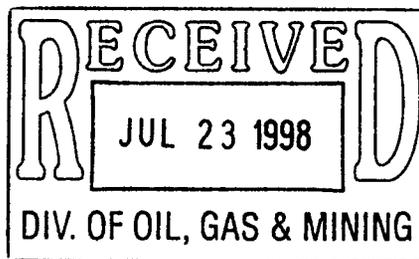
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

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).\*

\*\*\*\*\* THIS SUNDRY IS FOR UTAH SEVERANCE TAX CALCULATION INFORMATION PURPOSES ONLY \*\*\*\*\*

TEXACO E&P INC HAS COMPLETED UPGRADING DOWNHOLE EQUIPMENT IN THE SUBJECT WELL

5/6 - 5/15/98 MIRU, BLED WELL DOWN, POOH W/ TUBING AND PKR, RIH W/ NEW CO2 TRIMMED PKR & BLANKING PLUG, SET PKR @ 5450', CIRC. 220 BBLS PKR FLUID, POOH W/ TBG, TIH W/ RBP, SET @ 30', CUT OFF OLD SURFACE FLANGE, WELDED ON NEW H2S TRIMMED SURFACE FLANGE, PULLED RBP, RIH W/ 2 3/8" DUOLINE TBG, SUB UP TO PKR, TEST CSG TO 1000#, HELD OK, RDMO



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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 7/17/98  
TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

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

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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

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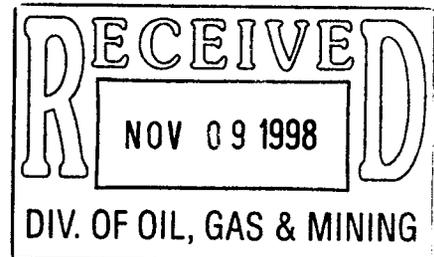
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TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

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

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WTC  
Not  
Approved  
3-5-99  
PAC



**Chevron U.S.A. Production Company**  
Mid-Continent Business Unit  
P.O. Box 36366  
Houston, TX 77236  
Phone 713 754 2000

April 9, 2002

Mr. John Baza,  
Associate Director of Oil and Gas  
Utah Department of Natural Resources  
Division of Oil, Gas & Mining  
1594 W. North Temple St., Suite 1210  
Salt Lake City, UT 84114-5801

RECEIVED

APR 12 2002

DIVISION OF  
OIL, GAS AND MINING

Dear Mr. Baza:

As you may recall from our meeting last year, we planned to combine the assets of Chevron U.S.A. Inc. ("CUSA"), by merger, and Texaco Exploration and Production Inc. ("TEPI"), by assignment, into a new entity which we referred to as "Newco LP". Along the way, additional information came to light and it was decided that this proposed corporate restructure would not be preferable. Therefore, CUSA and TEPI have continued to operate as separate entities.

We are now planning a simpler restructuring process where TEPI will assign most of its assets/operatorship to CUSA effective May 1, 2002. We plan to use the existing CUSA bonds/letters of credit, operator identification numbers, etc., for the TEPI assets that will be assigned.

A task force of Land, Regulatory and Environmental Compliance personnel are finishing the work that was begun last year to assign TEPI's assets—using the same forms and procedures as before. We have "new faces" in this task force due to reassignments and departures. In some cases, it may be worthwhile to visit you and your staff in person where new people are involved or if we need to review/clarify your forms and procedures. Otherwise, we will endeavor to complete the work to assign TEPI's assets/operatorship to CUSA and deliver the requisite materials to you in a timely manner.

During discussions last year, our focus was on Land, Regulatory and Environmental matters. The Finance organization also desires to join in this effort. For State Tax, Royalty and Regulatory reporting purposes (applicable to production from May 2002 through December 2002), we intend to generate two reports and two payments.

However, the reporting company name and identification number will be CUSA's. Beginning with January 2003 production and thereafter, we will issue only one CUSA report and payment. We trust this plan meets with your approval. Any questions or comments should be directed to Rick Dunlavy (telephone 713/752-7411, rickdunlavy@chevrontexaco.com).

We appreciate the cooperation and guidance you provided us in the past, and we look forward to bringing these efforts to a conclusion.

Respectfully submitted,



Don R. Sellars

Sr. Environmental Specialist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
MAR 18 1998  
DIV. OF OIL, GAS & GEOTHERMAL ENERGY

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

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I-149-IND-8837

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7. If Unit or CA, Agreement Designation  
ANETH UNIT

8. Well Name and Number  
ANETH UNIT  
G414

9. API Well No.  
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10. Field and Pool, Exploratory Area  
DESERT CREEK

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 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 checked="" type="checkbox"/> OTHER: <u>WORKOVER &amp; ACID</u>
	<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.)\*

\*\*\*\*\* THIS SUNDRY IS FOR UTAH SEVERANCE TAX CALCULATION INFORMATION PURPOSES ONLY \*\*\*\*\*

TEXACO E&P INC HAS COMPLETED THE HORIZONTAL SECTIONS IN THE DESERT CREEK FORMATION OF THE SUBJECT WELL

2/2/95 - 2/28/95 MIRU, SET CMT RETAINER @ 5553', SQUEEZED W/ 158 SXS, DRILLED OUT TO 5668', MILLED CSG 5613-5643', SPOT CMT, DRILLED CMT TO 5623', DRILLED SOUTHEAST LATERAL SECTION, BOTTOM HOLE LOCATION AS FOLLOWS

SOUTHEAST LATERAL: 5623-6671' MD (HORIZ DISPLACEMENT=982') (TVD=5720') BHL 109.7' FNL & 1369.9' FEL OF SEC 23  
ACIDIZED W/ 8600 GALS 28% HCL, PLACED WELL ON TEST  
4/27/95 PLACED WELL ON INJECTION

9/24/95 - 10/12/95 MIRU, KOP @ 5620', DRILLED NORTHWEST LATERAL SECTION, BOTTOM HOLE LOCATION AS FOLLOWS

NORTHWEST LATERAL: 5620-6514' MD (HORIZ DISPLACEMENT=863') (TVD=5751') BHL 1277' FSL & 2583' FEL OF SEC 14  
ACIDIZED NW LATERAL W/ 8000 GALS 28% HCL & SE LATERAL W/ 9000 GALS OF 28% HCL

10/14/95 SET PKR @ 5513'

10/26/95 TIH W/ 2-3/8" CMT LINED TBG, INSTALLED WELLHEAD, TESTED TO 500 PSI, PREPARING TO START INJECTION

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 3/11/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED

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

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.

NO tax credit 7/98

Chevron U.S.A. Inc.  
 Permian Business Unit  
 Aneth Operations  
 San Juan County, Utah

Name / Operatorship Change  
 Texaco Exploration and Production Inc.  
 to  
 Chevron U.S.A. Inc.  
 Injection Wells

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	11	400S	230E	4303716034	MESA 1 (ANETH C411)	1	I	WI
N5700	12	400S	230E	4303716272	BURTON 23-12 (ANETH B312)	1	A	WI
N5700	12	400S	230E	4303716274	BURTON 31-12 (ANETH C-112)	1	I	WI
N5700	12	400S	230E	4303716278	BURTON 42-12 (ANETH D212)	1	A	WI
N5700	12	400S	230E	4303730049	ANETH UNIT D-412	1	A	WI
N5700	12	400S	230E	4303730112	ANETH UNIT C-312	1	A	WI
N5700	13	400S	230E	4303715825	BURTON 22-13 (ANETH B-213)	1	A	WI
N5700	13	400S	230E	4303715827	BURTON 31-13 (ANETH C-113)	1	A	WI
N5700	13	400S	230E	4303715828	BURTON 33-13 (ANETH C-313)	1	A	WI
N5700	13	400S	230E	4303715830	BURTON 42-13 (D213)	1	A	WI
N5700	13	400S	230E	4303716279	BURTON 44-13 (ANETH D-413)	1	A	WI
N5700	13	400S	230E	4303730119	ANETH UNIT A-113	1	A	WI
N5700	13	400S	230E	4303730174	ANETH UNIT D113	1	A	WI
N5700	13	400S	230E	4303730297	ANETH B-413	1	A	WI
N5700	13	400S	230E	4303730299	ANETH UNIT A-313	1	A	WI
N5700	14	400S	230E	4303716032	ARROWHEAD 6 (ANETH B-114)	1	A	WI
N5700	14	400S	230E	4303716033	ARROWHEAD 3 (ANETH C-214)	1	A	WI
N5700	14	400S	230E	4303716035	ARROWHEAD 5 (ANETH C-414)	1	A	WI
N5700	14	400S	230E	4303716038	ARROWHEAD 4 (ANETH D-314)	1	A	WI
N5700	14	400S	230E	4303716273	ARROWHEAD 2 (ANETH B-314)	1	A	WI
N5700	14	400S	230E	4303716277	ARROWHEAD 1 (ANETH D-114)	1	A	WI
N5700	23	400S	230E	4303716271	A W RICE 2 (ANETH B-123)	1	A	WI
N5700	23	400S	230E	4303716276	A W RICE 3 (ANETH C-223)	1	A	WI
N5700	24	400S	230E	4303716270	FEDERAL A-1 (ANETH A-124)	1	A	WI
N5700	24	400S	230E	4303716275	FEDERAL 1 (ANETH C-124)	1	A	WI
N5700	07	400S	240E	4303715412	W ISMY FED 3 (ANETH E307)	1	A	WI
N5700	07	400S	240E	4303715415	W ISMAY FED 2 (ANETH F-407)	1	A	WI
N5700	07	400S	240E	4303716100	NAVAJO FED 6-1 (ANETH G-307)	1	A	WI
N5700	07	400S	240E	4303716118	NAVAJO FED 7-1 (ANETH H-207)	1	I	WI
N5700	07	400S	240E	4303716283	GULF-AZTEC FED 7 (ANETH E-207)	1	A	WI
N5700	07	400S	240E	4303716322	NAVAJO TRIBE FED 5-1 (ANETH H-407)	2	A	WI

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	07	400S	240E	4303730175	ANETH U E407	1	A	WI
N5700	08	400S	240E	4303716060	NAVAJO TRIBE E-15 (ANETH E-308)	2	A	WI
N5700	08	400S	240E	4303716076	NAVAJO FED 8-1 (ANETH F-208)	2	A	WI
N5700	08	400S	240E	4303716101	NAVAJO TRIBE L-6 (ANETH G-308)	2	A	WI
N5700	08	400S	240E	4303716119	NAVAJO TRIBE E-16 (ANETH H-208)	2	A	WI
N5700	08	400S	240E	4303716284	NAVAJO FED 9-1 (ANETH E-208)	2	A	WI
N5700	08	400S	240E	4303716298	NAVAJO TRIBE E-13 (ANETH F-408)	2	A	WI
N5700	08	400S	240E	4303716323	NAVAJO TRIBE L-3 (ANETH H-408)	2	A	WI
N5700	09	400S	240E	4303716061	NAVAJO TRIBE E-14 (ANETH E-309)	2	A	WI
N5700	09	400S	240E	4303716082	NAVAJO TRIBE E-4 (ANETH F-409)	2	A	WI
N5700	10	400S	240E	4303716125	NAVAJO TRIBE E-7 (ANETH H-410)	2	I	WI
N5700	11	400S	240E	4303715940	ANETH UNIT E-411	2	A	WI
N5700	11	400S	240E	4303715944	NAVAJO A-10/34-11 (ANETH G-411)	2	A	WI
N5700	11	400S	240E	4303716295	NAVAJO A-12/23-11 (ANETH F-311)	2	A	WI
N5700	13	400S	240E	4303715938	NAV TRIBE A-13 (ANETH E-213)	2	A	WI
N5700	13	400S	240E	4303715941	NAVAJO A-4 (ANETH E-413)	2	A	WI
N5700	14	400S	240E	4303715939	NAVAJO A-6 (ANETH E-214)	2	A	WI
N5700	14	400S	240E	4303715942	ANETH F-314	2	A	WI
N5700	14	400S	240E	4303715943	NAVAJO A-7/32-14 (ANETH G-214)	2	A	WI
N5700	14	400S	240E	4303715945	NAVAJO A-1/34-14 (ANETH G-414)	2	A	WI
N5700	14	400S	240E	4303716310	NAVAJO A-9/41-14 (ANETH H-114)	2	A	WI
N5700	14	400S	240E	4303716421	ANETH UNIT E414	2	A	WI
N5700	14	400S	240E	4303716422	ANETH UNIT F-114	2	A	WI
N5700	14	400S	240E	4303731381	ANETH UNIT H314X	2	I	WI
N5700	15	400S	240E	4303716116	ANETH G-415	2	A	WI
N5700	15	400S	240E	4303716296	NAVAJO TRIBAL E-8 (ANETH F-315)	2	A	WI
N5700	15	400S	240E	4303730213	ANETH E-315	2	A	WI
N5700	15	400S	240E	4303730312	ANETH H-315	2	A	WI
N5700	16	400S	240E	4303715832	STATE THREE 11-16 (ANETH E-116)	3	A	WI
N5700	16	400S	240E	4303716285	ST THREE 21-16 (ANETH F-116)	3	A	WI
N5700	16	400S	240E	4303716297	ST THREE 23-16 (ANETH F-316)	3	A	WI

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	16	400S	240E	4303716312	STATE THREE 42-16 (ANETH H-216)	3	A	WI
N5700	16	400S	240E	4303720230	ANETH H-416	3	A	WI
N5700	16	400S	240E	4303730094	ANETH E-316	3	A	WI
N5700	16	400S	240E	4303730107	ANETH G-316	3	A	WI
N5700	16	400S	240E	4303730333	ANETH F-416	3	A	WI
N5700	16	400S	240E	4303730344	ANETH G-116	3	A	WI
N5700	17	400S	240E	4303716049	ANETH UNIT E-117	2	A	WI
N5700	17	400S	240E	4303716062	NAVAJO TRIBAL G-7 (ANETH E317)	2	A	WI
N5700	17	400S	240E	4303716089	NAVAJO TRIBAL G-3 (ANETH G-117)	2	A	WI
N5700	17	400S	240E	4303716103	NAVAJO TRIBAL 1-X-G (ANETH G-317)	2	A	WI
N5700	17	400S	240E	4303716286	NAVAJO TRIBAL G-8 (ANETH F-217)	2	A	WI
N5700	17	400S	240E	4303716299	NAVAJO TRIBAL G-6 (ANETH F-417)	2	A	WI
N5700	17	400S	240E	4303716313	NAV TRIBAL L-4 (ANETH H-217)	2	A	WI
N5700	17	400S	240E	4303716326	NAVAJO TRIBAL L-1 (ANETH H-417)	2	A	WI
N5700	18	400S	240E	4303715083	NAVAJO TRIBAL FED U 3	2	A	WI
N5700	18	400S	240E	4303715413	ANETH U E-118 (W ISMY FED 1)	1	A	WI
N5700	18	400S	240E	4303716063	NAVAJO TRIBAL 4 (ANETH E-318)	1	A	WI
N5700	18	400S	240E	4303716090	NAVAJO TRIBE 2 (ANETH G-118)	2	A	WI
N5700	18	400S	240E	4303716104	NAVAJO TRIBE G-4 (ANETH G-318)	2	A	WI
N5700	18	400S	240E	4303716120	NAVAJO TRIBAL G-5 (ANETH H-218)	2	A	WI
N5700	18	400S	240E	4303716287	NAVAJO FED U 1 (ANETH F-218)	2	A	WI
N5700	18	400S	240E	4303716327	NAVAJO TRIBAL G-2 (ANETH H-418)	2	A	WI
N5700	18	400S	240E	4303730137	ANETH U E218	1	A	WI
N5700	18	400S	240E	4303730155	ANETH U F118	1	A	WI
N5700	19	400S	240E	4303716077	NAVAJO TRIBE D-26 (ANETH F-219)	2	A	WI
N5700	19	400S	240E	4303716091	NAVAJO TRIBE D-16 (ANETH G-119)	2	A	WI
N5700	19	400S	240E	4303716121	NAVAJO TRIBE D-3 (ANETH H-219)	2	A	WI
N5700	19	400S	240E	4303716280	NAVAJO FED U B-1 (ANETH E-119)	2	A	WI
N5700	19	400S	240E	4303716309	NAVAJO TRIBE D-25 (ANETH G-319)	2	A	WI
N5700	19	400S	240E	4303716328	NAVAJO TRIBE D-27 (ANETH H-419)	2	A	WI
N5700	20	400S	240E	4303716050	NAVAJO TRIBE D-10 (ANETH E-120)	2	A	WI

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	20	400S	240E	4303716065	NAVAJO TRIBE D-17 (ANETH E-320)	2	A	WI
N5700	20	400S	240E	4303716092	NAVAJO TRIBE L-5 (ANETH G-120)	2	A	WI
N5700	20	400S	240E	4303716105	NAVAJO TRIBE D-12 (ANETH G-320)	2	A	WI
N5700	20	400S	240E	4303716288	NAVAJO TRIBE D-8 (ANETH F-220)	2	A	WI
N5700	20	400S	240E	4303716300	NAVAJO TRIBE D-20 (ANETH F-420)	2	A	WI
N5700	20	400S	240E	4303716314	NAVAJO TRIBE L-2 (ANETH H-220)	2	A	WI
N5700	20	400S	240E	4303716329	NAVAJO TRIBE D-13 (ANETH H-420)	2	A	WI
N5700	21	400S	240E	4303716051	NAVAJO TRIBE D-4 (ANETH E-121)	2	A	WI
N5700	21	400S	240E	4303716066	NAVAJO TRIBE D-14 (ANETH E-321)	2	A	WI
N5700	21	400S	240E	4303716078	NAVAJO TRIBE D-6 (ANETH F-221)	2	A	WI
N5700	21	400S	240E	4303716084	NAVAJO TRIBE D-21 (ANETH F-421)	2	A	WI
N5700	21	400S	240E	4303716122	NAVAJO TRIBE D-7 (ANETH H-221)	2	A	WI
N5700	21	400S	240E	4303716330	NAVAJO TRIBE D-24 (ANETH H-421)	2	A	WI
N5700	21	400S	240E	4303730095	ANETH G-321X	2	A	WI
N5700	21	400S	240E	4303730335	ANETH G-121X	2	A	WI
N5700	22	400S	240E	4303716067	NAVAJO TRIBE D-19 (ANETH E-322)	2	A	WI
N5700	22	400S	240E	4303716085	NAVAJO TRIBE D-23 (ANETH F-422)	2	A	WI
N5700	22	400S	240E	4303716117	NAVAJO TRIBE D-2 (ANETH H-122)	2	A	WI
N5700	22	400S	240E	4303716127	NAVAJO TRIBE D-22 (ANETH H-422)	2	I	WI
N5700	22	400S	240E	4303720231	ANETH G-322X	2	A	WI
N5700	22	400S	240E	4303730215	ANETH E-122	2	A	WI
N5700	22	400S	240E	4303730242	ANETH H-222	2	A	WI
N5700	22	400S	240E	4303730373	ANETH F-222	2	A	WI
N5700	22	400S	240E	4303730425	ANETH G-122	2	A	WI
N5700	23	400S	240E	4303716068	NAVAJO TRIBE C-12 (ANETH E-323)	2	A	WI
N5700	23	400S	240E	4303716079	NAVAJO TRIBE C-7 (ANETH F-223)	2	A	WI
N5700	23	400S	240E	4303716086	NAVAJO TRIBE C-17 (ANETH F-423)	2	A	WI
N5700	23	400S	240E	4303716123	NAVAJO TRIBE C-8 (ANETH H-223)	2	A	WI
N5700	23	400S	240E	4303716128	NAVAJO TRIBE C-3 (ANETH H-423)	2	A	WI
N5700	23	400S	240E	4303716306	NAVAJO TRIBE C-1 (ANETH G-123)	2	A	WI
N5700	23	400S	240E	4303730235	ANETH F-123	2	A	WI

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	24	400S	240E	4303716069	NAVAJO TRIBE C-10 (ANETH E-324)	2	A	WI
N5700	24	400S	240E	4303716087	NAVAJO TRIBE C-13 (ANETH F-424)	2	A	WI
N5700	24	400S	240E	4303716111	NAVAJO TRIBE C-15 (ANETH G-324)	2	A	WI
N5700	24	400S	240E	4303716289	NAVAJO TRIBE C-16 (ANETH F-224)	2	A	WI
N5700	24	400S	240E	4303716331	NAVAJO TRIBE C-28 (ANETH H-424)	2	A	WI
N5700	25	400S	240E	4303716070	NAVAJO TRIBE C-21 (ANETH E-325)	2	A	WI
N5700	25	400S	240E	4303716080	NAVAJO TRIBE C-20 (F225)	2	A	WI
N5700	25	400S	240E	4303716095	ANETH UNIT G125	2	A	WI
N5700	25	400S	240E	4303716124	NAVAJO TRIBE C-11 (ANETH H-225)	2	A	WI
N5700	25	400S	240E	4303716129	NAVAJO TRIBE C-24 (ANETH H-425)	2	A	WI
N5700	25	400S	240E	4303716301	NAVAJO TRIBE C-32 (ANETH F-425)	2	A	WI
N5700	26	400S	240E	4303716054	NAVAJO TRIBE C-29 (ANETH E-126)	2	A	WI
N5700	26	400S	240E	4303716071	NAVAJO TRIBE C-30 (ANETH E-326)	2	A	WI
N5700	26	400S	240E	4303716113	NAVAJO TRIBE C-27 (ANETH G-326)	2	A	WI
N5700	26	400S	240E	4303716290	NAVAJO TRIBE C-23 (ANETH F-226)	2	A	WI
N5700	26	400S	240E	4303716302	NAVAJO TRIBE C-4 (ANETH F-426)	2	A	WI
N5700	26	400S	240E	4303716316	NAVAJO TRIBE C-19 (ANETH H-226)	2	A	WI
N5700	26	400S	240E	4303716332	NAVAJO TRIBE C-31 (ANETH H-426)	2	A	WI
N5700	26	400S	240E	4303730372	ANETH G-126X	2	A	WI
N5700	27	400S	240E	4303716223	ANETH 27-B2 (ANETH F-227)	2	I	WI
N5700	27	400S	240E	4303716307	ANETH 27-C-1 (ANETH G-127)	2	A	WI
N5700	27	400S	240E	4303716317	ANETH 27-D2 (ANETH H-227)	2	A	WI
N5700	27	400S	240E	4303716333	ANETH 27-D-4 (ANETH H-427)	2	A	WI
N5700	27	400S	240E	4303716782	ANETH 27-A-1 (ANETH E-127)	2	A	WI
N5700	28	400S	240E	4303716222	ANETH 28-A-1 (ANETH E-128)	2	A	WI
N5700	28	400S	240E	4303716224	ANETH 28-C-1 (ANETH G-128)	2	A	WI
N5700	28	400S	240E	4303716228	ANETH H-228	2	A	WI
N5700	29	400S	240E	4303716055	NAVAJO TRIBE S-2 (ANETH E-129)	2	A	WI
N5700	29	400S	240E	4303716097	NAVAJO TRIBE S-1 (ANETH G-129)	2	A	WI
N5700	29	400S	240E	4303716292	NAVAJO TRIBE S-4 (ANETH F-229)	2	I	WI
N5700	29	400S	240E	4303716318	NAVAJO TRIBE S-3 (ANETH H-229)	2	A	WI

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N5700	34	400S	240E	4303716303	ANETH 34-B-4 (ANETH F-434)	2	A	WI
N5700	34	400S	240E	4303716319	ANETH 34-D2 (ANETH H-234)	2	I	WI
N5700	35	400S	240E	4303716293	NAVAJO TRIBE Q-5 (ANETH F-235)	2	A	WI
N5700	35	400S	240E	4303716304	NAVAJO TRIBE Q-8 (ANETH F-435)	2	A	WI
N5700	35	400S	240E	4303716320	NAVAJO TRIBE Q-4 (ANETH H-235)	2	A	WI
N5700	36	400S	240E	4303715485	NAVAJO 4 (ANETH E-136)	2	A	WI
N5700	36	400S	240E	4303715486	NAV TRB 2-A (G136)	2	A	WI
N5700	36	400S	240E	4303715487	NAVAJO 1 (ANETH H-236)	2	A	WI
N5700	36	400S	240E	4303716294	NAVAJO 3 (ANETH F-236)	2	A	WI
N5700	19	400S	250E	4303716140	ANETH UNIT L-419	2	A	WI
N5700	29	400S	250E	4303716131	NAVAJO TRIBE F-8 (ANETH J-129)	2	A	WI
N5700	30	400S	250E	4303716132	NAVAJO TRIBE F-9 (ANETH J-130)	2	A	WI
N5700	30	400S	250E	4303716134	NAVAJO TRIBE F-5 (ANETH J-330)	2	A	WI
N5700	30	400S	250E	4303716135	NAVAJO TRIBE F-2 (ANETH K-230)	2	A	WI
N5700	30	400S	250E	4303716137	NAVAJO TRIBE F-7 (ANETH K-430)	2	A	WI
N5700	30	400S	250E	4303716139	NAVAJO TRIBE F-6 (ANETH L-330)	2	A	WI
N5700	30	400S	250E	4303716141	NAVAJO TRIBE F-10 (ANETH M-230)	2	A	WI
N5700	30	400S	250E	4303716337	NAVAJO TRIBE F-11 (ANETH M-430)	2	A	WI
N5700	31	400S	250E	4303715946	NAVAJO TRIBE C11-31 (J131)	2	A	WI
N5700	31	400S	250E	4303716335	NAVAJO TRIBE C-22-31 (ANETH K-231)	2	A	WI

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List of Wells
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: BLM & State of Utah
		7. UNIT or CA AGREEMENT NAME: Orangeville & Huntington
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Operator Name Change</u>		8. WELL NAME and NUMBER: See Attached List of Wells
2. NAME OF OPERATOR: Chevron U.S.A. Inc.		9. API NUMBER:
3. ADDRESS OF OPERATOR: P.O. Box 36366 CITY Houston STATE TX ZIP 77236		10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List of Wells		COUNTY: Emery
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>Operator Name</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Change (Merger)</u>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
Effective May 1, 2002, Chevron U.S.A. Inc. is the new operator of the attached list of subject wells and leases that were previously operated by Texaco Exploration and Production Inc. The subject wells are located North of Orangeville and North of Huntington, Emery County, Utah. These Wells will be protected by the following surety bonds:

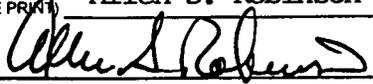
STATE OF UTAH Bond #: 103521627-0016 in the amount of \$80,000. (This bond will replace United Pacific Insurance Company bond number U89-75-80-0059. We respectfully request this bond be released and returned.)

BLM Nationwide Bond#: U89-75-81-0034 in the amount of \$300,000.

Key Contacts:

Ron Wirth - Operations Supervisor - 435 748-5395 x1  
Texaco Exploration & Production Inc.  
  
J.S. Purdy, Attorney-In-Fact

**RECEIVED**  
MAY 06 2002  
DIVISION OF  
OIL, GAS AND MINING

NAME (PLEASE PRINT) <u>Allen S. Robinson</u>	TITLE <u>Attorney-In-Fact</u>
SIGNATURE 	DATE <u>April 30, 2002</u>

(This space for State use only)

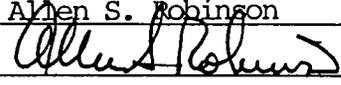
**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number Orangeville & Huntington, Emery County, Utah (See Attached Well List)		API Number
Location of Well		Field or Unit Name See Attached Well List
Footage : See attached well locations	County : Emery	Lease Designation and Number See Attached Well List
QQ, Section, Township, Range:	State : UTAH	

EFFECTIVE DATE OF TRANSFER: 5/1/2002

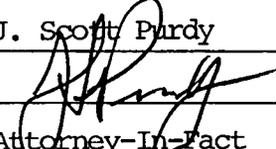
**CURRENT OPERATOR**

Company: Texaco Exploration and Production Inc  
 Address: 3300 North Butler, Suite 100  
city Farmington state NM zip 87401  
 Phone: (505) 325-4397  
 Comments:

Name: Allen S. Robinson  
 Signature:   
 Title: Attorney-In-Fact  
 Date: April 30, 2002

**NEW OPERATOR**

Company: Chevron U.S.A. Inc.  
 Address: P.O. Box 36366  
city Houston state TX zip 79702  
 Phone: (915) 687-2000  
 Comments:

Name: J. Scott Purdy  
 Signature:   
 Title: Attorney-In-Fact  
 Date: May 1, 2002

(This space for State use only)

Transfer approved by:   
 Title: Tech. Services Manager

Approval Date: 10/21/02

Comments:

**RECEIVED**  
 MAY 06 2002  
 DIVISION OF  
 OIL, GAS AND MINING

**THE  
NAVAJO  
NATION****MINERALS DEPARTMENT**  
Post Office Box 1910  
Window Rock, Arizona 86515  
Phone: (928) 871-6587 • Fax: (928) 871-7095**KELSEY A. BEGAYE**  
PRESIDENT**TAYLOR MCKENZIE, M.D.**  
VICE PRESIDENT

October 11, 2002

Mr. Don Sellars  
Regulatory Specialist  
ChevronTexaco  
11111 S. Wilcrest  
Houston, Texas 77099

Subject: Navajo Nation Assignment of Oil &amp; Gas Lease

Dear Mr. Sellars:

Attached are fourteen (14) approved Navajo Nation Assignment of Oil and Gas Lease applications for assignment of interest from Texaco Exploration & Production, Inc. to Chevron U.S.A., Inc. (Chevron) for the following leases:

- |                     |                     |                      |
|---------------------|---------------------|----------------------|
| 1) I-149-IND-8834   | 6) I-149-IND-8839   | 11) 14-20-603-4035   |
| 2) I-149-IND-8835   | 7) 14-20-603-2057   | 12) 14-20-603-4037   |
| 3) I-149-IND-8836   | 8) 14-20-603-2059   | 13) 14-20-603-5043-A |
| 4) I-149-IND-8838   | 9) 14-20-603-4030-A | 14) 14-20-603-5446   |
| 5) I-149-IND-8839-A | 10) 14-20-603-4032  |                      |

If you have any questions, please call me or Mr. Brad Nesemeier at (928) 871-6587.

Sincerely,

Handwritten signature of Akhtar Zaman.  
Akhtar Zaman, Director  
Minerals DepartmentAttachments  
AZ/GLB/cab



6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 10/11/2002

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 10/11/2002

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 10/21/2002

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 10/23/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/23/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: N/A

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: 8975810026

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:** Chevron USA Inc merged with Texaco Exploration & Production Inc to form ChevronTexaco Inc  
although all the Utah operations will be operated by Chevron USA Inc.

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Injection wells</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <u>See Attachment</u>
2. NAME OF OPERATOR: <u>Resolute Natural Resources Company</u> <u>N2700</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <u>Navajo</u>
3. ADDRESS OF OPERATOR: <u>1675 Broadway, Suite 1950</u> CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: <u>Aneth Unit</u>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>See Attachment</u>		8. WELL NAME and NUMBER: <u>See Attachment</u>
PHONE NUMBER: <u>(303) 534-4600</u>		9. API NUMBER: <u>See Attach</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT: <u>Desert Creek</u>
COUNTY: <u>San Juan</u>		
STATE: <u>UTAH</u>		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of Operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As of December 1, 2004, Chevron U.S.A. Inc. resigned as Operator of the Aneth Unit. The successor operator is Resolute Natural Resources Company.

NAME (PLEASE PRINT) <u>Jant Pasque</u>	TITLE <u>Vice President</u>
SIGNATURE <u>Jant Pasque</u>	DATE <u>11/30/04</u>

(This space for state use only)

**APPROVED** 12/29/2004  
*ER*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
1. GLH	
2. CDW	
3. FILE	

**X Change of Operator (Well Sold)**

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		<b>12/1/2004</b>
<b>FROM:</b> (Old Operator): N0210-Chevron USA, Inc. PO Box 4791 Houston, TX 77210-4791 Phone: 1-(713) 752-7431	<b>TO:</b> ( New Operator): N2700-Resolute Natural Resources Company 1675 Broadway, Suite 1950 Denver, CO 80202 Phone: 1-(303) 534-4600	

**CA No. Unit: ANETH**

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO TRIBE E-15 (ANETH E-308)	08	400S	240E	4303716060	99990	Indian	WI	A
NAVAJO FED 8-1 (ANETH F-208)	08	400S	240E	4303716076	99990	Indian	WI	A
NAVAJO TRIBE E-14 (ANETH E-309)	09	400S	240E	4303716061	99990	Indian	WI	A
NAVAJO A-10/34-11 (ANETH G-411)	11	400S	240E	4303715944	7000	Indian	WI	A
ANETH F-314	14	400S	240E	4303715942	7000	Indian	WI	A
NAVAJO A-7/32-14 (ANETH G-214)	14	400S	240E	4303715943	99990	Indian	WI	A
NAVAJO A-1/34-14 (ANETH G-414)	14	400S	240E	4303715945	7000	Indian	WI	A
NAV TRB E-12 (F115)	15	400S	240E	4303716074	7000	Indian	WI	A
ANETH UNIT E-117	17	400S	240E	4303716049	99990	Indian	WI	A
NAVAJO TRIBAL G-7 (ANETH E317)	17	400S	240E	4303716062	99990	Indian	WI	A
NAVAJO TRIBE D-10 (ANETH E-120)	20	400S	240E	4303716050	99990	Indian	WI	A
NAVAJO TRIBE D-17 (ANETH E-320)	20	400S	240E	4303716065	99990	Indian	WI	A
NAVAJO TRIBE D-4 (ANETH E-121)	21	400S	240E	4303716051	99990	Indian	WI	A
NAVAJO TRIBE D-14 (ANETH E-321)	21	400S	240E	4303716066	99990	Indian	WI	A
NAVAJO TRIBE D-19 (ANETH E-322)	22	400S	240E	4303716067	99990	Indian	WI	A
NAVAJO TRIBE C-12 (ANETH E-323)	23	400S	240E	4303716068	99990	Indian	WI	A
NAVAJO TRIBE C-10 (ANETH E-324)	24	400S	240E	4303716069	99990	Indian	WI	A
NAVAJO TRIBE C-21 (ANETH E-325)	25	400S	240E	4303716070	99990	Indian	WI	A
NAVAJO TRIBE C-29 (ANETH E-126)	26	400S	240E	4303716054	99990	Indian	WI	A
NAVAJO TRIBE C-30 (ANETH E-326)	26	400S	240E	4303716071	7000	Indian	WI	A
NAVAJO TRIBE S-2 (ANETH E-129)	29	400S	240E	4303716055	99990	Indian	WI	A
NAVAJO TRIBE C11-31 (J131)	31	400S	250E	4303715946	7000	Indian	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/22/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/13/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/22/2004
- Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
- If **NO**, the operator was contacted on:
- 6a. (R649-9-2)Waste Management Plan has been received on: \_\_\_\_\_ requested
- 6b. Inspections of LA PA state/fee well sites complete on: 12/20/2004

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA not yet

8. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet

9. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 12/29/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 12/29/2004
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: separate list
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: B001263

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: B001264

**FEE & STATE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001262

2. The **FORMER** operator has requested a release of liability from their bond on: not yet  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

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NUM	API NUM	Q1	Q2	SEC	TWSP	RNG	LEGAL	Lease	Status 12/1/04	NNEPA Well List	USEPA Well List	UIC Program
H222	4303730242	SE	NW	22	40S	24E		I-149-IND-8836	Active	H222	H222	Navajo Nation
F418	4303715083	SE	SW	18	T40S	R24E	650' FSL/1825' FWL	I-149-IND-8835	Active	F418	F418	Navajo Nation
E307	4303715412	NW	SW	7	T40S	R24E	1980' FSL/660' FWL	SL-067807	Active	E307	E307	Navajo Nation
E118	4303715413	NW	NW	18	T40S	R24E	660' FNL/660' FWL	SL-067807	Active	E118	E118	Navajo Nation
F407	4303715415	SE	SW	7	T40S	R24E	660' FSL/1980' FWL	SL-067807	Active	F407	F407	Navajo Nation
E136	4303715485	NW	NW	36	T40S	R24E	660' FNL/660' FWL	14-20-603-5444	Active	E136	E136	Navajo Nation
G136	4303715486	NW	NE	36	T40S	R24E	785' FNL/2040' FEL	14-20-603-5443	Active	G136	G136	Navajo Nation
H236	4303715487	SE	NE	36	T40S	R24E	1980' FNL/660' FEL	14-20-603-5443	P/A			Navajo Nation
B213	4303715825	SE	NW	13	T40S	R23E	3300' FSL/3300' FEL	SL-070968-A	Active			State of Utah
C113	4303715827	NW	NE	13	T40S	R23E	4602' FSL/1993' FEL	SL-070968-A	Active			State of Utah
C313	4303715828	NW	SE	13	T40S	R23E	1949' FSL/1991' FEL	SL-070968-A	Active			State of Utah
D213	4303715830	SE	NE	13	T40S	R23E	3263' FSL/660' FEL	SL-070968-A	Active			State of Utah
E116	4303715832	NW	NW	16	T40S	R24E	601' FNL/550' FWL	ML-3156	Active	E116	E116	Navajo Nation
E213	4303715938	SW	NW	13	T40S	R24E	2140' FNL/740' FWL	I-IND-149-8837	Active	E213	E213	Navajo Nation
E214	4303715939	SW	NW	14	T40S	R24E	1940' FNL/650' FWL	I-149-IND-8837	Active	E214	E214	Navajo Nation
E411	4303715940	SW	SW	11	T40S	R24E	500' FSL/820' FWL	I-149-IND-8837	Active	E411	E411	Navajo Nation
E413	4303715941	SW	SW	13	T40S	R24E	660' FSL/660' FWL	IND-149-8837	Active	E413	E413	Navajo Nation
F314	4303715942	NE	SW	14	T40S	R24E	1980' FSL/1980' FWL	I-149-IND-8837	Active	F314	F314	Navajo Nation
G214	4303715943	SW	NE	14	T40S	R24E	2140' FNL/2010' FEL	I-149-IND-8839	P/A			Navajo Nation
G411	4303715944	SW	SE	11	T40S	R24E	680' FSL/1950' FEL	I-149-IND-8837	Active	G411	G411	Navajo Nation
G414	4303715945	SW	SE	14	T40S	R24E	660' FSL/1980' FEL	I-149-IND-8837	Active	G414	G414	Navajo Nation
J131	4303715946	NW	NW	31	T40S	R25E	660' FNL/638' FWL	14-20-603-372	Active	J131	J131	Navajo Nation
B114	4303716032	NE	NW	14	T40S	R23E	660' FNL/1980' FWL	SL-070968	Shut-In			State of Utah
C214	4303716033	SW	NE	14	T40S	R23E	1890' FNL/1930' FEL	SL-070968	Shut-In			State of Utah
C411	4303716034	SW	SE	11	T40S	R23E	600' FSL/2010' FEL	SL-070968-B	P/A			State of Utah
C414	4303716035	SW	SE	14	T40S	R23E	760' FSL/2000' FEL	SL-070968	Active			State of Utah
D314	4303716038	NE	SE	14	T40S	R23E	1980' FSL/660' FEL	SL-070968	Active			State of Utah
E117	4303716049	NW	NW	17	T40S	R24E	520' FNL/645' FWL	I-149-IND-8835	Active	E117	E117	Navajo Nation
E120	4303716050	NW	NW	20	T40S	R24E	660' FNL/660' FWL	I-149-IND-8836	Active	E120	E120	Navajo Nation
E121	4303716051	NW	NW	21	T40S	R24E	660' FNL/760' FWL	I-149-IND-8836	Active	E121	E121	Navajo Nation
E126	4303716054	NW	NW	26	T40S	R24E	760' FNL/660' FWL	I-149-IND-8838	Active	E126	E126	Navajo Nation
E129	4303716055	NW	NW	29	T40S	R24E	660' FNL/660' FWL	14-20-603-4030	Active	E129	E129	Navajo Nation
E308	4303716060	NW	SW	8	T40S	R24E	1820' FSL/645' FWL	I-149-IND-8833	Active	E308	E308	Navajo Nation
E309	4303716061	NW	SW	9	T40S	R24E	1900' FSL/500' FWL	I-149-IND-8834	P/A			Navajo Nation
E317	4303716062	NW	SW	17	40S	24E	1980' FSL/660' FWL	I-149-IND-8835	Active	E317	E317	Navajo Nation
E318	4303716063	NW	SW	18	T40S	R24E	1980' FSL/660' FWL	SL-067807	Active	E318	E318	Navajo Nation
E319	4303716064	NW	SW	19	T40S	R24E	2040' FSL/680' FWL	I-149-IND-8836	P/A			Navajo Nation
E320	4303716065	NW	SW	20	T40S	R24E	2140' FSL/820' FWL	I-149-IND-8836	Active	E320	E320	Navajo Nation
E321	4303716066	NW	SW	21	T40S	R24E	2140' FSL/720' FWL	I-149-IND-8836	Active	E321	E321	Navajo Nation
E322	4303716067	NW	SW	22	T40S	R24E	1980' FSL/660' FWL	I-149-IND-8836	Active	E322	E322	Navajo Nation
E323	4303716068	NW	SW	23	T40S	R24E	1980' FSL/510' FWL	I-149-IND-8838	Active	E323	E323	Navajo Nation
E324	4303716069	NW	SW	24	T40S	R24E	1980' FSL/660' FWL	I-149-IND-8838	Active	E324	E324	Navajo Nation
E325	4303716070	NW	SW	25	T40S	R24E	1980' FSL/660' FWL	I-149-IND-8838	Active	E325	E325	Navajo Nation
E326	4303716071	NW	SW	26	T40S	R24E	1980' FSL/660' FWL	I-149-IND-8838	Active	E326	E326	Navajo Nation
F115	4303716074	NE	NW	15	T40S	R24E	690' FNL/2140' FWL	I-149-IND-8834	Active	F115	F115	Navajo Nation

F208	4303716076	SE	NW	8	T40S	R24E	2140' FNL/2050' FWL	I-149-IND-8833	Active	F208	F208	Navajo Nation
F219	4303716077	SE	NW	19	T40S	R24E	1820' FNL/2140' FWL	I-149-IND-8836	Active	F219	F219	Navajo Nation
F221	4303716078	SE	NW	21	T40S	R24E	1980' FNL/1980' FWL	I-149-IND-8836	Active	F221	F221	Navajo Nation
F223	4303716079	SE	NW	23	T40S	R24E	1980' FNL/1820' FWL	I-149-IND-8838	Active	F223	F223	Navajo Nation
F225	4303716080	SE	NW	25	T40S	R24E	2040' FNL/2080' FWL	I-149-IND-8838	Active	F225	F225	Navajo Nation
F409	4303716082	SE	SW	9	T40S	R24E	660' FSL/1980' FWL	I-149-IND-8834	Active	F409	F409	Navajo Nation
F421	4303716084	SE	SW	21	T40S	R24E	585' FSL/1990' FWL	I-149-IND-8836	Active	F421	F421	Navajo Nation
F422	4303716085	SE	SW	22	T40S	R24E	660' FSL/1980' FWL	I-149-IND-8836	Active	F422	F422	Navajo Nation
F423	4303716086	SE	SW	23	T40S	R24E	770' FSL/1955' FWL	I-149-IND-8838	Active	F423	F423	Navajo Nation
F424	4303716087	SE	SW	24	T40S	R24E	660' FSL/2100' FWL	I-149-IND-8838	Active	F424	F424	Navajo Nation
G117	4303716089	NW	NE	17	T40S	R24E	660' FNL/1980' FEL	I-149-IND-8835	Active	G117	G117	Navajo Nation
G118	4303716090	NW	NE	18	T40S	R24E	800' FNL/1910' FEL	I-149-IND-8835	Active	G118	G118	Navajo Nation
G119	4303716091	NW	NE	19	T40S	R24E	660' FNL/2140' FEL	I-149-IND-8836	Active	G119	G119	Navajo Nation
G120	4303716092	NW	NE	20	T40S	R24E	660' FNL/1980' FEL	I-149-IND-8833	Active	G120	G120	Navajo Nation
G125	4303716095	NW	NE	25	T40S	R24E	660' FNL/2140' FEL	I-149-IND-8838	Active	G125	G125	Navajo Nation
G129	4303716097	NW	NE	29	T40S	R24E	580' FNL/1905' FEL	14-20-603-4030	Active	G129	G129	Navajo Nation
G307	4303716100	NW	SE	7	T40S	R24E	1900' FSL/1995' FEL	SL-067807	Active	G307	G307	Navajo Nation
G308	4303716101	NW	SE	8	T40S	R24E	1975' FSL/1830' FEL	I-149-IND-8834	Active	G308	G308	Navajo Nation
G317	4303716103	NW	SE	17	T40S	R24E	1778' FSL/1900' FEL	I-149-IND-8835	Active	G317	G317	Navajo Nation
G318	4303716104	NW	SE	18	T40S	R24E	2125' FSL/1980' FEL	I-149-IND-8835	Active	G318	G318	Navajo Nation
G320	4303716105	NW	SE	20	T40S	R24E	1980' FSL/1980' FEL	I-149-IND-8836	Active	G320	G320	Navajo Nation
G324	4303716111	NW	SE	24	T40S	R24E	1980' FSL/1980' FEL	I-149-IND-8838	Active	G324	G324	Navajo Nation
G326	4303716113	NW	SE	26	T40S	R24E	1980' FSL/1980' FEL	I-149-IND-8838	Active	G326	G326	Navajo Nation
G415	4303716116	SW	SE	15	T40S	R24E	820' FSL/2400' FEL	I-149-IND-8834	Active	G415	G415	Navajo Nation
H122	4303716117	NE	NE	22	T40S	R24E	660' FNL/660' FEL	I-149-IND-8836	Active	H122	H122	Navajo Nation
H207	4303716118	SE	NE	7	T40S	R24E	1820' FNL/820' FEL	SL-067807	T/A			State of Utah
H208	4303716119	SE	NE	8	T40S	R24E	2140' FNL/660' FEL	I-149-IND-8833	Active	H208	H208	Navajo Nation
H218	4303716120	SE	NE	18	T40S	R24E	1980' FNL/660' FEL	I-149-IND-8835	Active	H218	H218	Navajo Nation
H219	4303716121	SE	NE	19	T40S	R24E	1945' FNL/607' FEL	I-149-IND-8836	Active	H219	H219	Navajo Nation
H221	4303716122	SE	NE	21	T40S	R24E	1980' FNL/660' FEL	I-149-IND-8836	Active	H221	H221	Navajo Nation
H223	4303716123	SE	NE	23	T40S	R24E	1820' FNL/730' FEL	I-149-IND-8838	Active	H223	H223	Navajo Nation
H225	4303716124	SE	NE	25	T40S	R24E	1980' FNL/660' FEL	I-149-IND-8838	Active	H225	H225	Navajo Nation
H410	4303716125	SE	SE	10	T40S	R24E	625' FSL/545' FEL	I-149-IND-8834	P/A			Navajo Nation
H422	4303716127	SE	SE	22	T40S	R24E	660' FSL/660' FEL	I-149-IND-8836	P/A			Navajo Nation
H423	4303716128	SE	SE	23	T40S	R24E	820' FSL/450' FEL	I-149-IND-8838	Active	H423	H423	Navajo Nation
H425	4303716129	SE	SE	25	T40S	R24E	660' FSL/660' FEL	I-149-IND-8838	Active	H425	H425	Navajo Nation
J129	4303716131	NW	NW	29	T40S	R25E	620' FNL/615' FWL	I-149-IND-8839	P/A			Navajo Nation
J130	4303716132	NW	NW	30	T40S	R25E	720' FNL/590' FEL	I-149-IND-8839	Shut-In	J130	J130	Navajo Nation
J330	4303716134	NW	SW	30	T40S	R25E	2060' FSL/800' FWL	I-149-IND-8839	Active	J330	J330	Navajo Nation
K230	4303716135	SE	NW	30	T40S	R25E	2075' FSL/2140' FWL	I-149-IND-8839	Shut-In	K230	K230	Navajo Nation
K430	4303716137	SE	SW	30	T40S	R25E	660' FSL/1980' FWL	I-149-IND-8839	Active	K430	K430	Navajo Nation
L330	4303716139	NW	SE	30	T40S	R25E	2120' FSL/1960' FEL	I-149-IND-8839	Active	L330	L330	Navajo Nation
L419	4303716140	SW	SE	19	T40S	R25E	660' FSL/1980' FEL	I-149-IND-8839	Active	L419	L419	Navajo Nation
M230	4303716141	SE	NE	30	T40S	R25E	1930' FNL/660' FEL	I-149-IND-8839	Active	M230	M230	Navajo Nation
E128	4303716222	NW	NW	28	T40S	R24E	660' FNL/660' FWL	14-20-603-2056	Active	E128	E128	Navajo Nation
F227	4303716223	SE	NW	27	T40S	R24E	1980' FNL/1980' FWL	14-20-603-2056	T/A			Navajo Nation
G128	4303716224	NW	NE	28	T40S	R24E	660' FNL/1980' FEL	14-20-603-2056	Shut-In	G128	G128	Navajo Nation

H228	4303716228	SE	NE	28	T40S	R24E	2080' FNL/560' FEL	14-20-603-2056	T/A			Navajo Nation
A124	4303716270	NW	NW	24	T40S	R23E	500' FNL/500'FWL	SL-0701010-C	Active			State of Utah
B123	4303716271	NE	NW	23	T40S	R23E	500' FNL/2140' FWL	SL-0701010	Active			State of Utah
B312	4303716272	NE	SW	12	T40S	R23E	3295' FNL/3348' FEL	SL-070968-A	Active	B312	B312	Navajo Nation
B314	4303716273	NE	SW	14	T40S	R23E	2030' FSL/2030' FWL	SL-070968	Active			State of Utah
C112	4303716274	NW	NE	12	T40S	R23E	658' FNL/1974' FEL	SL-070968-A	P/A			State of Utah
C124	4303716275	NW	NE	24	T40S	R23E	660' FNL/1980' FEL	SL-0701010-C	P/A			State of Utah
C223	4303716276	SW	NE	23	T40S	R23E	1820' FNL/1980' FEL	SL-0701010	P/A			State of Utah
D114	4303716277	NE	NE	14	T40S	R23E	660' FNL/760' FEL	SL-070968	Active			State of Utah
D212	4303716278	SE	NE	12	T40S	R23E	1860' FNL/656' FEL	SL-070968-A	Shut-In	D212	D212	Navajo Nation
D413	4303716279	SE	SE	13	T40S	R23E	660' FSL/661' FEL	SL-070968-A	Active			State of Utah
E119	4303716280	NW	NW	19	T40S	R24E	500' FNL/820' FWL	I-149-IND-8836	Active	E119	E119	Navajo Nation
E207	4303716283	SW	NW	7	T40S	R24E	2030' FNL 750 FWL		T/A	E207	E207	
E208	4303716284	SW	NW	8	T40S	R24E	1930' FNL/500' FWL	I-149-IND-8833	T/A			Navajo Nation
F116	4303716285	NE	NW	16	T40S	R24E	660' FNL/1980' FWL	ML-3156	Active	F116	F116	Navajo Nation
F217	4303716286	SE	NW	17	T40S	R24E	1890' FNL/1930' FWL	I-149-IND-8835	Active	F217	F217	Navajo Nation
F218	4303716287	SE	NW	18	T40S	R24E	1970' FNL/2060' FWL	I-149-IND-8835	Active	F218	F218	Navajo Nation
F220	4303716288	SE	NW	20	T40S	R24E	1980' FNL/1980' FWL	I-149-IND-8836	Active	F220	F220	Navajo Nation
F224	4303716289	SE	NW	24	T40S	R24E	1980' FNL/1980' FWL	I-149-IND-8838	Active	F224	F224	Navajo Nation
F226	4303716290	SE	NW	26	T40S	R24E	1950' FNL/1900' FWL	I-149-IND-8838	Active	F226	F226	Navajo Nation
F229	4303716292	SE	NW	29	T40S	R24E	2015' FNL/1930' FWL	14-20-603-4030	P/A	F229	F229	Navajo Nation
F235	4303716293	SE	NW	35	T40S	R24E	1825' FNL/2010' FWL	14-20-603-2059	Active	F235	F235	Navajo Nation
F236	4303716294	SE	NW	36	T40S	R24E	1980' FNL/1980' FWL	14-20-603-5444	Active	F236	F236	Navajo Nation
F311	4303716295	NE	SW	11	T40S	R24E	1820' FSL/1980'FWL	I-149-IND-8837	P/A			Navajo Nation
F315	4303716296	NE	SW	15	T40S	R24E	1980' FSL/2010' FWL	I-149-IND-8834	Active	F315	F315	Navajo Nation
F316	4303716297	NE	SW	16	T40S	R24E	2260' FSL/2140' FWL	ML-3156	Active	F316	F316	Navajo Nation
F408	4303716298	SE	SW	8	T40S	R24E	660' FSL/1980' FWL	I-149-IND-8833	Active	F408	F408	Navajo Nation
F417	4303716299	SE	SW	17	T40S	R24E	500' FSL/2140' FWL	I-149-IND-8835	Active	F417	F417	Navajo Nation
F420	4303716300	SE	SW	20	T40S	R24E	660' FSL/1980' FWL	I-149-IND-8836	Active	F420	F420	Navajo Nation
F425	4303716301	SE	SW	25	T40S	R24E	795' FSL/1960' FWL	I-149-IND-8838	Active	F425	F425	Navajo Nation
F426	4303716302	SE	SW	26	T40S	R24E	632' FSL/1867' FWL	I-149-IND-8838	P/A			Navajo Nation
F434	4303716303	SE	SW	34	T40S	R24E	815' FSL/1860' FWL	14-20-603-2056	P/A			Navajo Nation
F435	4303716304	SE	SW	35	T40S	R24E	820' FSL/1930' FWL	14-20-603-2059	T/A			Navajo Nation
G123	4303716306	NW	NE	23	T40S	R24E	660' FNL/1530' FEL	I-149-IND-8838	Active	G123	G123	Navajo Nation
G127	4303716307	NW	NE	27	T40S	R24E	660' FNL/1980' FEL	14-20-603-2056	Active	G127	G127	Navajo Nation
G319	4303716309	NW	SE	19	T40S	R24E	1920' FSL/2060' FEL	I-149-IND-8836	Active	G319	G319	Navajo Nation
H216	4303716312	SE	NE	16	T40S	R24E	3331' FSL/703' FEL	ML-3156	Active	H216	H216	Navajo Nation
H217	4303716313	SE	NE	17	T40S	R24E	2070' FNL/820' FEL	I-149-IND-8833	Active	H217	H217	Navajo Nation
H220	4303716314	SE	NE	20	T40S	R24E	2025' FNL/560' FEL	I-149-IND-8833	Active	H220	H220	Navajo Nation
H226	4303716316	SE	NE	26	T40S	R24E	1980' FNL/780' FEL	I-149-IND-8838	Active	H226	H226	Navajo Nation
H227	4303716317	SE	NE	27	T40S	R24E	1980' FNL/630' FEL	14-20-603-2056	Active	H227	H227	Navajo Nation
H229	4303716318	SE	NE	29	T40S	R24E	1820' FNL/660' FEL	14-20-603-4030	Shut-In	H229	H229	Navajo Nation
H234	4303716319	SE	NE	34	T40S	R24E	1980' FNL/660' FEL	14-20-603-2056	Active	H234	H234	Navajo Nation
H235	4303716320	SE	NE	35	T40S	R24E	2000' FNL/770' FEL	14-20-603-2059	Active	H235	H235	Navajo Nation
H407	4303716322	SE	SE	7	T40S	R24E	645' FSL/500' FEL	I-149-IND-8835	Active	H407	H407	Navajo Nation
H408	4303716323	SE	SE	8	T40S	R24E	500' FSL/530' FEL	I-149-IND-8834	Active	H408	H408	Navajo Nation
H417	4303716326	SE	SE	17	T40S	R24E	500' FSL/690' FEL	I-149-IND-8833	Active	H417	H417	Navajo Nation

H418	4303716327	SE	SE	18	T40S	R24E	660' FSL/660' FEL	I-149-IND-8835	Active	H418	H418	Navajo Nation
H419	4303716328	SE	SE	19	T40S	R24E	570' FSL/450' FEL	I-149-IND-8836	P/A			Navajo Nation
H420	4303716329	SE	SE	20	T40S	R24E	660' FSL/660' FEL	I-149-IND-8836	Active	H420	H420	Navajo Nation
H421	4303716330	SE	SE	21	T40S	R24E	500' FSL/750' FEL	I-149-IND-8836	Active	H421	H421	Navajo Nation
H424	4303716331	SE	SE	24	T40S	R24E	820' FSL/610' FEL	I-149-IND-8838	Active	H424	H424	Navajo Nation
H426	4303716332	SE	SE	26	T40S	R24E	710' FSL/510' FEL	I-149-IND-8838	Active	H426	H426	Navajo Nation
H427	4303716333	SE	SE	27	T40S	R24E	660' FSL/660' FEL	14-20-603-2056	Active	H427	H427	Navajo Nation
K231	4303716335	SE	NW	31	T40S	R25E	2014' FNL/2054' FWL	14-20-603-372A	Active	K231	K231	Navajo Nation
M430	4303716337	SE	SE	30	T40S	R25E	670' FSL/790' FEL	I-149-IND-8839	Active	M430	M430	Navajo Nation
E414	4303716421	SW	SW	14	T40S	R24E	750' FSL/620' FWL	I-149-IND-8837	Active	E414	E414	Navajo Nation
F114	4303716422	NE	NW	14	40S	24E	720' FNL/1870' FWL	I-149-IND-8839	Active	F114	F114	Navajo Nation
E127	4303716782	NW	NW	27	T40S	R24E	660' FNL/660' FWL	14-20-603-2056	P/A			Navajo Nation
H416	4303720230	SE	SE	16	T40S	R24E	150' FSL/660' FEL	ML-3156	Active	H416	H416	Navajo Nation
G322X	4303720231	NW	SE	22	T40S	R24E	1550' FSL/1720' FEL	I-149-IND-8836	Active	G322X	G322X	Navajo Nation
D412	4303730049	SE	SE	12	T40S	R23E	500' FSL/150' FEL	SL-070968-A	Active	D412	D412	Navajo Nation
E316	4303730094	NW	SW	16	T40S	R24E	2190' FSL/128' FWL	ML-3156	Active	E316	E316	Navajo Nation
G321X	4303730095	NW	SE	21	T40S	R24E	1900' FSL/1755' FEL	I-149-IND-8836	Shut-In	G321X	G321X	Navajo Nation
G316	4303730107	NW	SE	16	T40S	R24E	2320' FSL/1745' FEL	ML-3156	Active	G316	G316	Navajo Nation
C312	4303730112	NW	SE	12	T40S	R23E	1610' FSL/1800' FEL	SL-070968-A	Active	C312	C312	Navajo Nation
A113	4303730119	NW	NW	13	T40S	R23E	700' FNL/650' FWL	SL-070968-A	Active			State of Utah
E218	4303730137	SW	NW	18	T40S	R24E	1860' FNL/660' FWL	SL-067807	Active	E218	E218	Navajo Nation
F118	4303730155	NE	NW	18	T40S	R24E	619' FNL/2184' FWL	SL-067807	Active	F118	F118	Navajo Nation
D113	4303730174	NE	NE	13	T40S	R23E	578' FNL/619' FEL	SL-070968-A	Active			State of Utah
E407	4303730175	SW	SW	7	T40S	R24E	618' FSL/577' FWL	SL-067807	Active	E407	E407	Navajo Nation
E315	4303730213	NW	SW	15	T40S	R24E	2212' FSL/591' FWL	I-149-IND-8834	Active	E315	E315	Navajo Nation
E122	4303730215	NW	NW	22	T40S	R24E	528' FNL/660' FWL	I-149-IND-8836	Active	E122	E122	Navajo Nation
F123	4303730235	NE	NW	23	T40S	R24E	660' FNL/2046' FWL	I-149-IND-8838	Shut-In	F123	F123	Navajo Nation
B413	4303730297	SE	SW	13	T40S	R23E	660' FSL/1980' FWL	SL-070968-A	Active			State of Utah
A313	4303730299	NW	SW	13	T40S	R23E	1840' FSL/470' FWL	SL-070968-A	Active			State of Utah
H315	4303730312	NE	SE	15	T40S	R24E	1980' FSL/660' FEL	I-149-IND-8834	Active	H315	H315	Navajo Nation
F416	4303730333	SE	SW	16	T40S	R24E	1000' FSL/1980' FWL	ML-3156	Active	F416	F416	Navajo Nation
G121X	4303730335	NW	NE	21	T40S	R24E	790' FNL/1780' FEL	I-149-IND-8836	Active	G121X	G121X	Navajo Nation
G116	4303730344	NW	NE	16	T40S	R24E	660' FNL/1980' FEL	ML-3156	Active	G116	G116	Navajo Nation
G126X	4303730372	NW	NE	26	T40S	R24E	860' FNL/1780' FEL	I-149-IND-8838	Active	G126X	G126X	Navajo Nation
F222	4303730373	SE	NW	22	T40S	R24E	1920' FNL/1980' FWL	I-149-IND-8836	Active	F222	F222	Navajo Nation
G122	4303730425	NW	NE	22	T40S	R24E	570' FNL/1960' FEL	I-149-IND-8836	Active	G122	G122	Navajo Nation
H314X	4303731381	NE	SE	14	T40S	R24E	1950' FSL/570' FEL	I-149-IND-8837	Active	H314X	H314X	Navajo Nation

**TRANSFER OF AUTHORITY TO INJECT**

Well Name and Number See attached exhibit.	API Number See attached exhibit.
Location of Well	Field or Unit Name Aneth Unit
Footage: _____ County: San Juan	Lease Designation and Number See attached exhibit.
QQ, Section, Township, Range: _____ State: UTAH	

EFFECTIVE DATE OF TRANSFER: 12/1/2004

**CURRENT OPERATOR**

N0210

Company: Chevron U.S.A. Inc.  
Address: 1111 Bagby St.  
city Houston state TX zip 77002  
Phone: (713) 752-6000  
Comments:

Name: A. E. Wacker  
Signature: A. E. Wacker  
Title: Attorney-in-Fact  
Date: 12/20/2004

RECEIVED  
DEC 22 2004

**NEW OPERATOR**

N2700

DIV. OF OIL, GAS & MINING

Company: Resolute Natural Resources Company  
Address: 1675 Broadway, Suite 1950  
city Denver state CO zip 80202  
Phone: (303) 534-4600 XT  
Comments:

Name: Janet Pappas XT  
Signature: Janet Pappas  
Title: Vice President  
Date: 12/21/04

(This space for State use only)

Transfer approved by: David J. Finn  
Title: VIC Geologist

Approval Date: 12-29-04

Comments: Transfer of Authority to Inject into the Aneth C214 and Aneth B14 contingent on this office receiving a corrective action plan for each well. Both well Aneth 214 failed 5 year test on 10/13/2004 operator would not conduct scheduled 5 year test on Aneth B14. (considered a failure).

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

<b>1. TYPE OF WELL</b> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>See attached exhibit.</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>See attached exhibit.</b>
<b>2. NAME OF OPERATOR:</b> <b>Resolute Natural Resources Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: <b>Navajo</b>
<b>3. ADDRESS OF OPERATOR:</b> 1675 Broadway, Suite 1950 CITY <b>Denver</b> STATE <b>CO</b> ZIP <b>80202</b>		7. UNIT or CA AGREEMENT NAME: <b>Aneth Unit</b>
<b>4. LOCATION OF WELL</b> FOOTAGES AT SURFACE: _____		8. WELL NAME and NUMBER: <b>See attached exhibit.</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		9. API NUMBER: <b>See attached exhibit.</b>
COUNTY: <b>San Juan</b>		10. FIELD AND POOL, OR WILDCAT: <b>Aneth</b>
STATE: <b>UTAH</b>		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate)  Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> (Submit Original Form Only)  Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of operator</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As of December 1, 2004, Chevron U.S.A. Inc. resigned as operator of the Aneth Unit. Resolute Natural Resources Company has been elected the successor operator.

**RECEIVED**  
**DEC 22 2004**  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Chevron U.S.A. Inc.</u> <span style="float: right;"><u>NO210</u></span>	TITLE <u>A. E. Wacker, Attorney-in-Fact</u>
SIGNATURE <u>A. E. Wacker</u>	DATE <u>12/20/2004</u>

(This space for State use only)

**APPROVED** 12/29/2004

*ER*  
**Division of Oil, Gas and Mining**  
**Earlene Russell, Engineering Technician**

SEC. 38-243-15E  
SUPERIOR OIL CO.

NAVAJO WELL NO. A-1

SAN JUAN COUNTY,  
UTAH

**Keuffler** 1420 ROSS-MARTIN CO.  
TULSA 1, OKLAHOMA

**ELECTRIC LOG  
FILING ENVELOPE**

245-84  
**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
DALLAS, TEXAS

April 20, 1956

REPLY TO  
1022 PATTERSON BLDG.  
DENVER, COLORADO

**The Superior Oil Company**  
306 Sims Building  
Albuquerque, New Mexico

**Attention: Mr. L. M. Knapp**

**Subject: Core Analysis**  
**No. A-1 Navajo Well**  
**Hatch Field**  
**San Juan County, Utah**

**Gentlemen:**

Diamond coring equipment and gypsum base mud were used to core the intervals from 5681 to 5769 and from 5771 to 5881 feet in the No. A-1 Navajo. Recovered formation was sampled by the representatives of The Superior Oil Company and engineers of Core Laboratories, Inc., and was analyzed in the Farmington and Worland laboratories. The bulk of the recovered formation sampled was analyzed by conventional procedure using plugs of the recovered formation, only one seven-foot interval from 5829 to 5836 feet having been analyzed by whole-core procedures using long segments of full diameter core. The results of the analysis are presented in this report.

Paradox formation from 5694 to 5718 feet is characterized by residual oil and total water saturations indicating the section to be oil productive at permeable points; however, the permeability at most of the twelve points which exhibited measurable permeability is extremely low, the arithmetic permeability being 26 millidarcys. The average value is substantially influenced by the one foot of formation with very high permeability, 301 millidarcys. Permeability in the remaining eleven feet of permeable formation ranges only from 0.1 to 4.7 millidarcys. The total productive capacity of the twelve feet of Paradox formation with measurable permeability is 312 millidarcy-feet, 301 of which are contained in the one foot zone from 5694 to 5695 feet. An acid treatment is recommended as a

240  
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The Superior Oil Company  
No. A-1 Navajo Well

Page Two

means of increasing the productive capacity of the tighter portions of this interval. The average porosity is 18.1 per cent and the calculated connate water saturation is 10 per cent of pore space.

Estimates of recoverable oil have been computed for the Paradox zone from 5694 to 5718 feet using the observed core analysis data in conjunction with estimated reservoir fluid characteristics considered applicable. These recovery estimates are presented on the core summary and calculated recoverable oil page of the report, and are subject to the conditions set forth in the body of and in the footnotes to the summary page.

Remaining Paradox formation analyzed between 5718 and 5863 feet is virtually impermeable and nonproductive.

We sincerely appreciate this opportunity to be of service to you, and trust that this report will prove useful in making a preliminary evaluation of the Paradox formation analyzed from this well.

Very truly yours,

Core Laboratories, Inc.

*J. D. Harris*  
J. D. Harris, (12)  
District Manager

JDH:TLK:sc

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**CORE LABORATORIES, INC.**  
*Petroleum Reservoir Engineering*  
 DALLAS, TEXAS

Page 1 of 1 File RP-3-246  
 Well No. A-1 Navajo

**CORE SUMMARY AND CALCULATED RECOVERABLE OIL**

FORMATION NAME AND DEPTH INTERVAL: **Paradox 5694.0-5718.0**

FEET OF CORE RECOVERED FROM ABOVE INTERVAL	24.0	AVERAGE TOTAL WATER SATURATION: PER CENT OF PORE SPACE	13.0
FEET OF CORE INCLUDED IN AVERAGES	12.0	AVERAGE GONNATE WATER SATURATION: PER CENT OF PORE SPACE	(c) 10
AVERAGE PERMEABILITY: MILLIDARCY	26	OIL GRAVITY: °API	(e) 43
PRODUCTIVE CAPACITY: MILLIDARCY-FEET	312	ORIGINAL SOLUTION GAS-OIL RATIO: CUBIC FEET PER BARREL	(e) 670
AVERAGE POROSITY: PER CENT	18.1	ORIGINAL FORMATION VOLUME FACTOR: BARRELS SATURATED OIL PER BARREL STOCK TANK OIL	(e) 1.39
AVERAGE RESIDUAL OIL SATURATION: PER CENT OF PORE SPACE	8.9	CALCULATED ORIGINAL STOCK TANK OIL-IN-PLACE: BARRELS PER ACRE FOOT	909

Calculated maximum solution gas drive recovery is 218 barrels per acre foot, assuming production could be continued until reservoir pressure declined to zero psig. Calculated maximum water drive recovery is 783 barrels per acre foot, assuming full maintenance of original reservoir pressure, 100% areal coverage, and continuation of production to 100% water cut. (Please refer to footnotes for further discussion of recovery estimates.)

FORMATION NAME AND DEPTH INTERVAL:

FEET OF CORE RECOVERED FROM ABOVE INTERVAL		AVERAGE TOTAL WATER SATURATION: PER CENT OF PORE SPACE	
FEET OF CORE INCLUDED IN AVERAGES		AVERAGE GONNATE WATER SATURATION: PER CENT OF PORE SPACE	
AVERAGE PERMEABILITY: MILLIDARCY		OIL GRAVITY: °API	
PRODUCTIVE CAPACITY: MILLIDARCY-FEET		ORIGINAL SOLUTION GAS-OIL RATIO: CUBIC FEET PER BARREL	
AVERAGE POROSITY: PER CENT		ORIGINAL FORMATION VOLUME FACTOR: BARRELS SATURATED OIL PER BARREL STOCK TANK OIL	
AVERAGE RESIDUAL OIL SATURATION: PER CENT OF PORE SPACE		CALCULATED ORIGINAL STOCK TANK OIL-IN-PLACE: BARRELS PER ACRE FOOT	

Handwritten calculation:  

$$\begin{array}{r} 215 \\ 12 \\ \hline 2580 \\ 24 \\ \hline 2604 \end{array}$$

Calculated maximum solution gas drive recovery is \_\_\_\_\_ barrels per acre foot, assuming production could be continued until reservoir pressure declined to zero psig. Calculated maximum water drive recovery is \_\_\_\_\_ barrels per acre foot, assuming full maintenance of original reservoir pressure, 100% areal coverage, and continuation of production to 100% water cut. (Please refer to footnotes for further discussion of recovery estimates.)

(c) Calculated (e) Estimated (m) Measured (\*) Refer to attached letter.

*These recovery estimates represent theoretical maximum values for solution gas and water drive. They assume that production is started at original reservoir pressure; i.e., no account is taken of production to date or of prior drainage to other areas. The effects of factors tending to reduce actual ultimate recovery, such as economic limits on oil production rates, gas-oil ratios, or water-oil ratios, have not been taken into account. Neither have factors been considered which may result in actual recovery intermediate between solution gas and complete water drive recoveries, such as gas cap expansion, gravity drainage, or partial water drive. Detailed predictions of ultimate oil recovery to specific abandonment conditions may be made in an engineering study in which consideration is given to overall reservoir characteristics and economic factors.*

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc., and its officers and employees assume no responsibility and make no warranty or representation as to the productivity, proper operation, or profitability of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.