Scout Report sent out	☑
Noted in the NID File	☑
Location map pinned	☑
Approval or Disapproval Letter	☑
Date Completed, P. & A. or operations suspended	10-9-57
Pin changed on location map	☐
Affidavit and Record of A & P	☐
Water Shut-Off Test	☐
Gas-Oil Ratio Test	☐
Well Log Filed	☑

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	✓
Entered On S R Sheet	✓	Copy N I D to Field Office	✓
Location Map Pinned	✓	Approval Letter	✓
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed 9-18-58 Location Inspected

OW ✓ WW TA Bond released

GW OS PA State of Fee Land

LOGS FILED

Driller's Log 10-30-58

Electric Logs (No.) 5

E ✓ I E-I GR GR-N Micro ✓

Lat Mi-L Sonic Others 2 Radioactivity Log, Temperature Log

Form 21 P100—Poco—15M—11-3-43

THE PURE OIL COMPANY
LOCATION REPORT

Date May 2, 1957 A.F.E. No. 169

Division Rocky Mountain Producing District Aneth Lease Navajo 14-20-603-2056

Acres 2560.00 Lease No. 7064 Elevation 4748' Gr. Well No. Aneth 28-D2 (Serial No.)

Quadrangle SE¼NE¼ Sec. 28 Twp. 40 S Rge. 24 E Blk. Dist. Twp.

Survey Salt Lake Meridian County San Juan State Utah

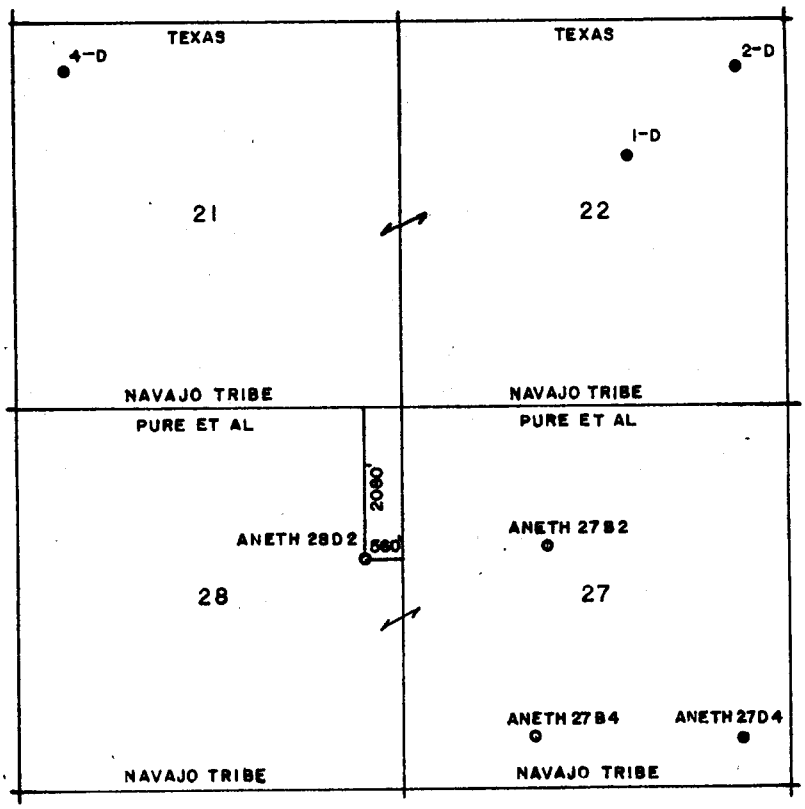
Operator The Pure Oil Company Map

Feet from North Line of Lease
" " East " " "
" " South " " "
" " West " " "

2080 Feet from North Line of Section
560 " " East " " "
" " South " " "
" " West " " "

LEGEND

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



N

Scale 2" = 1 MILE

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

Submitted by _____ Civil Engineer

Approved by _____ Division Manager

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO.

ROCKY MOUNTAIN PRODUCING DIVISION
P. O. BOX 1597
BILLINGS, MONTANA

May 3, 1957

Mr. C. B. Feight
Secretary
Utah Oil & Gas Conservation Commission
Room 140 - State Capitol Building
Salt Lake City, Utah.

Dear Mr. Feight:

Enclosed, in duplicate, is Notice of Intention to Drill Aneth No. 28-D2, located in the SE¼ SE¼ of Section 28, T-40S, R-24E, San Juan County, Utah.

Also enclosed are 2 copies of Location Plat for this well.

Yours very truly,

T. L. Warburton
Division Chief Production
Clerk

TLW:dk
Encls. 4

ALL QUOTATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
ALL AGREEMENTS CONTINGENT UPON STRIKES, FIRES, ACTS OF THE GOVERNMENT AND CARRIERS, AND ALL OTHER CAUSES BEYOND OUR CONTROL.

Form OGCC-1

STATE OF UTAH
OIL AND GAS CONSERVATION COMMISSION
NOTICE OF INTENTION TO DRILL

OIL AND GAS CONSERVATION COMMISSION

May 3, 1957

In compliance with Rule C-4, notice is hereby given that it is our intention to commence the work of drilling Well No. Aneth 28-D2, which is located 2080 ft from (N) ( ) line and 560 ft. from (E) ( ) line of Sec. 28, Twp. 40-S, R. 24-E, Salt Lake (Meridian), Undesignated (Field or Unit)

San Juan (County), on or about 15th day of May, 1957.

LAND: Fee and Patented ( )
State ( )
Lease No.

Public Domain ( )
Lease No. Navajo 14-20-603-2056

Name of Owner of patent or lease The Pure Oil Co.) Sun Oil Co.) The Ohio Oil Co.) (Jointly)

Address The Pure Oil Co. (Operator)
P. O. Box 1597
Billings, Montana

Is location a regular or exception to spacing rule? Regular Has a surety bond been filed? Yes With whom? Federal (State or Federal) Area in drilling unit 2560 Acres in Tract 164

Elevation of ground above sea level is 4748 ft. All depth measurements taken from top of Kelly Bushing (Derrick Floor, Rotary Table or Kelley Bushing) which is 11 ft above ground

Type of tools to be used Rotary. Proposed drilling depth 6,000 ft. Objective formation is Paradox Dolomite.

PROPOSED CASING PROGRAM

Size of Casing Inches A.P.I.	Weight Per Foot	Grade and Type	Amount Ft.	Amount In.	Top	Bottom	Cementing Depths
16" OD	65#	H-40	50	0		Cemented to surface.	
10-3/4" OD	40.5#	J-55	1100	0		Cemented to surface.	
5-1/2" OD	15.5#	J-55	5900	0			5900'

AFFIDAVIT

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

Approved for regular location

Date May 6 1957

By Glen B Feight

Title Secretary

By T. L. Warburton

T. L. Warburton
Division Chief Production Clerk
(Title or Position)

The Pure Oil Company
(Company or Operator)

Address P. O. Box 1597

Billings, Montana

INSTRUCTIONS:

1. Complete this form in duplicate and mail both copies to the Oil and Gas Conservation Commission, Room 105, Capitol Building, Salt Lake City 14, Utah.
2. A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.
3. Any information required by this form that cannot be furnished at the time said form is submitted must be forwarded to the commission as soon as available.
4. Use back of form for remarks.

May 6, 1957

The Pure Oil Company
P. O. Box 1597
Billings, Montana

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Aneth 28-D2, which is to be located 2080 feet from the north line and 560 feet from the east line of Section 28, Township 40 South, Range 24 East, SLBM, San Juan County, Utah

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

cc: Phil McGrath/ Jerry Long
USGS, Farmington,
New Mexico

ANETH PROSPECT

ANETH 28-D2

SE NE Sec. 28, T. 40S., R. 24E.

2080' FNL & 580' FEL

SAN JUAN COUNTY, UTAH

71-14
10-31

SPUDDED JUNE 15, 1967

COMPLETED SEPTEMBER 18, 1967

SAMPLE ANALYSIS BY H. C. RASMUSSEN

W/

FORMATION TOPS

FORMATION	SAMPLE TOP	ELECTRIC LOG TOP	DATUM
Morrison	Spude in		
Entrada	325		+4474
Carmel	655		+ 4094
Navajo	800		+3959
Kayenta	1170		+3589
Wingate	1290		+3469
Chinle	1535	1536	+3166
Shinarump	2697	2680	+2999
De Chelly	2756	2758	+2921
Organ Rock	2880	2840	+2919
Cedar Mesa	3500		+1259
Hermosa	4680	4662	+ 97
Paradox "A"	5472	5489	- 730
Paradox "B"	5641	5645	- 884
Paradox "C"	5653	5656	- 897
Paradox "D"	5854		
T otal Depth	5848		

250 - 260	Sandstone, buff to light grey, medium grain, sub-angular, friable, calcareous; trace shale, chocolate brown, maroon; shale, green.
260 - 270	As above.
270 - 280	As above.
280 - 290	Sandstone, light gray, fine with argillaceous flecs, friable, calcareous; shale, brown and green.
290 - 300	As above.
300 - 310	As above.
310 - 320	Sandstone, light orange brown, fine grain, fairly well cemented, calcareous; shale, brown, maroon.
320 - 330	As above.
330 - 340	As above.
340 - 350	Sandstone as above; sandstone, buff, medium to course grain, friable, sub-rounded; shale, brown and green. <u>Very Poor Sample</u>.
350 - 360	As above.
360 - 370	As above.
370 - 380	As above. <u>Very Poor Sample</u>.
380 - 390	As above.
390 - 400	As above.
400 - 410	Sandstone, orange, fine to medium grain, fairly well cemented; shale, light green, chlcareous, many loose red quarts grains.
410 - 420	As above.
420 - 430	As above.
430 - 440	As above with greater proportion of loose red frosted quarts grains.
440 - 450	As above.
450 - 460	Sandstone, buff, orange, very friable, loose quarts grains in samples, red and frosted; trace shale, brown and green.
460 - 470	As above.
470 - 480	As above.
480 - 490	As above.

490 - 500	Sandstone, light brown, light green, fine grain, tite, calcareous, with argillaceous matrix, well cemented.
500 - 510	As above.
510 - 520	As above.
520 - 530	As above; shale, green, very fine texture; trace sandstone, orange, medium grain, friable.
530 - 540	As above; also brown shale.
540 - 550	As above.
550 - 560	Sandstone, orange, medium grain, sub-angular to rounded, friable; sandstone, gray-green, fine to medium grain, tite, well cemented; trace shale, green.
560 - 570	As above.
570 - 580	As above.
580 - 590	Sandstone, orange, medium grain, sub-angular to rounded, friable, slightly calcareous; trace sandstone, gray-green, medium to course grains, friable; trace shale, green.
590 - 600	As above.
600 - 610	As above.
610 - 620	As above; more shale, green, fine texture.
620 - 630	As above.
630 - 640	As above.
640 - 650	Sandstone, orange, medium grain, sub-angular to rounded, friable; green shale trace.
650 - 660	As above.
660 - 670	As above.
670 - 680	Shale, orange-red, sandy to silty; orange sandstone as above and many loose quartz grains.
680 - 690	As above.
690 - 700	As above.
700 - 710	Shale, brick red, sandy to silty; sandstone, buff to light green, medium grain, friable, calcareous.

710 - 720	Shale, brick red, sandy to silty; sandstone, buff to light green, medium grain, friable, calcareous.
720 - 730	As above.
730 - 740	As above; higher per cent of red shale.
740 - 750	As above.
750 - 760	As above.
760 - 770	Shale, red-brown, as above, very sandy; trace shale, green, sandy.
770 - 780	As above.
780 - 790	As above.
790 - 800	As above; sandstone, white, medium grain, sub-angular, friable.
800 - 810	As above.
810 - 820	As above.
820 - 830	As above; shale, brown, maroon.
830 - 840	As above.
840 - 850	As above.
850 - 860	Sandstone, white to light brown, fine grain, very friable, calcareous; red, silty shale (probably cavings).
860 - 870	As above.
870 - 880	As above.
880 - 890	As above.
890 - 900	As above.
900 - 910	As above.
910 - 920	As above; trace red, sandy shale.
920 - 930	As above.
930 - 940	As above.
940 - 950	Sandstone, buff, fine to medium grain, sub-angular, friable, calcareous, with argillaceous flecs.

950 - 960 As above.

960 - 970 As above.

970 - 980 Sandstone, as above; much shale, red-brown, very sandy.

980 - 990 As above.

990 - 1000 Shaley sandstone, as above.

1000 - 1010 Sandstone, buff to white, fine to medium grain, sub-angular to sub-rounded, friable, calcareous with argillaceous flecs.

1010 - 1020 As above; shale, red-brown, very sandy; shale, green, slightly calcareous.

1020 - 1030 As above; inclusions in shale, red.

1030 - 1040 Sandstone, as above; sandstone, orange, fine to medium grain, friable, calcareous, many loose, quartz grains.

1040 - 1050 As above.

1050 - 1060 As above.

1060 - 1070 As above.

1070 - 1080 As above.

1080 - 1090 As above.

1090 - 1100 Sandstone, orange, fine grain, sub-angular, friable, calcareous.

1100 - 1110 As above.

1110 - 1120 Sandstone, buff, fine grain, sub-angular, friable, calcareous.

1120 - 1130 As above.

1130 - 1140 As above; much argillaceous matrix.

1140 - 1150 As above.

1150 - 1160 Sandstone, buff, fine grain, sub-angular, friable, calcareous.

1160 - 1170 As above.

1170 - 1180 Sandstone, buff to orange, fine to medium grain; trace shale, red-brown.

1180 - 1190 As above, argillaceous.

1190 - 1200 Sandstone, lavender-orange, fine to medium grain; trace shale, red-brown; trace shale, light green, maroon.

1200 - 1210 As above.

1210 - 1220 As above with red, frosted quartz grains.

1220 - 1230 As above, inclusions in shale, red-brown.

1230 - 1240 As above; sandstone, course grain, sub-angular, much argillaceous matrix.

2140 - 1250 Sandstone, orange, lavendar, medium to course grain, sub-angular to sub-rounded; shale, red-brown.

Set 9 5/8" casing @ 1237' with 500 sacks 50-50 pozmix followed by 100 sacks regular cement. TD 1246'.

1250 - 1260 Sandstone, orange-lavendar, medium grain, sub-rounded, friable; shale, dark red-brown, sandy.

1260 - 1270 As above.

1270 - 1280 As above.

1280 - 1290 As above.

1290 - 1300 As above.

1300 - 1310 Sandstone, buff, fine grain, friable, calcareous, sub-angular.

1310 - 1320 As above.

1320 - 1330 As above.

1330 - 1340 As above; much argillaceous matrix. Very Poor Sample.

1340 - 1350 As above.

1350 - 1360 As above.

1360 - 1370 Sandstone, buff-orange, fine grain, sub-rounded, friable.

1370 - 1380 As above.

1380 - 1390 As above.

1390 - 1400 As above.

1400 - 1410 Sandstone, buff-orange, fine grain, sub-rounded, very friable, slightly calcareous.

1410 - 1420 Sandstone, buff-orange, fine grain, sub-rounded, very friable, slightly calcareous.

1420 - 1430 As above.

1430 - 1440 As above.

1440 - 1450 As above.

1450 - 1460 As above.

1460 - 1470 As above.

1470 - 1480 As above.

1480 - 1490 Sandstone, orange-brown, medium grain, sub-rounded, very friable, many loose quartz grains.

1490 - 1500 As above.

1500 - 1510 As above.

1510 - 1520 Sandstone, as above; shale, dark red-brown; shale, light green.

1520 - 1530 As above.

1530 - 1540 Shale, orange, orange-red, silty; trace sandstone, as above; shale, dark red; shale, green.

1540 - 1550 As above.

1550 - 1560 Shale, orange-brown, sandy, silty; shale, gray-green, fine texture, silty.

1560 - 1570 As above.

1570 - 1580 As above.

1580 - 1590 As above.

1590 - 1600 As above.

1600 - 1610 As above.

1610 - 1620 As above; loose sand grains, medium grain, sub-rounded.

1620 - 1630 As above.

1630 - 1640 As above, imbedded siltstone, red-orange.

1640 - 1650 As above.

1650 - 1660 As above.

1660 - 1670 As above; trace chert, smokey.

1670 - 1680 As above.

1680 - 1690 As above; smokey chert.

1690 - 1700 As above.

1700 - 1710 Siltstone, orange-red, slightly sandy; trace shale, grey, maroon; trace chert, smokey.

1710 - 1720 As above.

1720 - 1730 As above.

1730 - 1740 As above; trace very fine sandstone, buff.

1740 - 1750 Siltstone,as above; sandstone, orange-red, very friable, fine to medium grain, sub-rounded.

1750 - 1760 As above; much smokey chert an d some shale, dark red-brown, fine texture.

1760 - 1770 Sandstone and siltstone, pendered sample. <u>Very Poor Sample</u> (Desander down).

1770 - 1780 As above. <u>Very Poor Sample.</u> <u>Desander Down.</u>

1780 - 1790 As above.

1790 - 1800 As above.

1800 - 1810 As above.

1810 - 1820 As above.

1820 - 1830 As above.

1830 - 1840 As above.

1840 - 1850 As above.

1850 - 1860 Sandstone and siltstone, orange-red. Samples pulverized. Desander down. <u>Very Poor Sample.</u>

1860 - 1870 As above.

1870 - 1880 As above.

1880 - 1890 As above.

1890 - 1900 As above.

1900 - 1910 As above.

1910 - 1920 As above.

1920 - 1930 Siltstone, orange-red, sandy; shale, dark brown; trace smokey chert. (Deander working)

1930 - 1940 As above; trace limestone, grey, nodular.

1940 - 1950 As above.

1950 - 1960 Siltstone, orange-red; shale, light grey to grey, maroon; some shale, brown, maroon.

1960 - 1970 As above; shale, light grey, mottled.

1970 - 1980 Siltstone, light - dark orange-red, sandy, very little shale, as above.

1980 - 1990 As above.

1990 - 2000 As above; shale, dark brown, silty.

2000 - 2010 Siltstone, orange-brown, sandy, imbedded with trace siltstone, light green, mottled.

2010 - 2020 As above.

2020 - 2030 As above; trace sandstone, white, light green, fine grain, calcareous.

2030 - 2040 As above.

2040 - 2050 Shale, chocolate brown, silty; trace shale and siltstone, as above.

2050 - 2060 As above; some shale, green, maroon.

2060 - 2070 As above.

2070 - 2080 Siltstone, orange-brown; trace shale, light green, maroon; trace smokey chert.

2080 - 2090 As above.

2090 - 2100 As above.

2100 - 2110 As above.

2110 - 2120 As above.

2120 - 2130 As above.

2130 - 2140 As above.

2140 - 2150 As above; trace chert, brown.

2150 - 2160 Siltstone, orange-brown, sandy; trace chert, smokey; shale, grey, mottled; shale, light green, maroon.

2160 - 2170 As above.

2170 - 2180 As above.

2180 - 2190 As above.

2190 - 2200 No Sample.

2200 - 2210 As above.

2210 - 2220 As above.

2220 - 2230 As above.

2230 - 2240 As above.

2240 - 2250 As above.

2250 - 2260 As above.

2260 - 2270 As above; chert, buff; much shale, grey, maroon.

2270 - 2280 Shale, orange-red, maroon; shale, green, maroon; some siltstone, as above.

2280 - 2290 Shale, red and green, maroon, inbedded with trace chert.

2290 - 2300 As above.

2300 - 2310 Shale, red, very fine texture, inbedded with shale, green, maroon, calcareous.

2310 - 2320 As above; trace chert, grey.

2320 - 2330 Shale, as above with inbedded siltstone, red; chert.

2330 - 2340 Shale, brown, calcareous; shale, as above.

2340 - 2350 As above; trace limestone, grey-brown, cryptocrystalline.

2350 - 2360 Shale, red and brown, very fine texture, very calcareous. (source, grey-brown, probably nodular).

2360 - 2370 As above; some brown siltstone.

2370 - 2380 As above.

2380 - 2390 Shale, red and green, calcareous; chert nodulars, grey; trace gypsum.

2390 - 2400 As above; limestone, grey-brown.

2400 - 2410 Shale, red and green, 50 - 50 with trace chert and limestone, grey, dense, sandy.

2410 - 2420 As above.

2420 - 2430 As above; chert, grey.

2430 - 2440 As above.

2440 - 2450 As above.

2450 - 2460 Shale, red and green, maroon; some sandstone, white, light green, sub-angular, fine grain, fairly well cemented, calcareous.

2460 - 2470 As above; grey and brown chert nodulars.

2470 - 2480 As above.

2480 - 2490 As above; conglomerate junk; quartz and chert pebbles, very poorly sorted; trace pyrite.

2490 - 2500 Shale, red and green, imbedded with conglomerate matrix as above and increase in smaller quartz grains.

2500 - 2510 As above.

2510 - 2520 As above.

2520 - 2530 Conglomerate matrix, very course quartz and chert pebbles; shale, red-brown; trace limestone, grey.

2530 - 2540 As above; shale, green, maroon.

2540 - 2550 Sandstone, buff, many course angular to sub-angular quartz grains; trace sub-rounded shale, as above.

2550 - 2560 As above.

2560 - 2570 Shale, brown-red and green, calcareous; some course sandstone, as above.

2570 - 2580 As above.

2580 - 2590 As above.

2590 - 2600 Shale, as above, predominantly green.

2600 - 2610 Shale, red-brown and green, maroon, calcareous; trace sandstone, gray, medium grain, sub-angular.

2610 - 2620 As above.

2620 - 2630 As above.

2630 - 2640 As above.

2640 - 2650 As above; shale, dark brown, maroon, calcareous.

2650 - 2660 As above.

2660 - 2670 Sandstone, medium to course grain, angular to sub-angular, poorly sorted; shale, as above with conglomerate junk; chert, gray.

2670 - 2680 As above.

2680 - 2690 Shale, lavender-red and gray-green; trace sandstone, medium to course grain, angular to sub-angular, conglomerate junk.

2690 - 2700 Shale, as above; very little sandstone, as above.

2700 - 2710 As above.

2710 - 2720 Shale, orange-red and lavender, maroon; trace shale, green, silty.

2720 - 2730 As above.

2730 - 2740 As above.

2740 - 2750 Shale, lavender and blue-gray, maroon; trace pyrite.

2750 - 2760 Sandstone, orange, fine grain, sub-rounded, friable; with course quartz grains, amber, red.

2760 - 2770 As above; sandstone, orange, medium to course grain, sub-rounded, very poorly sorted, slightly arkosic, micaceous.

2770 - 2780 Fine grain sandstone, as above.

2780 - 2790 As above, slightly arkosic.

2790 - 2800 As above; some loose amber quartz grains.

2800 - 2810 Sandstone, orange, fine to course grain, arkosic, poorly sorted.

2810 - 2820 As above; many amber sub-rounded quartz grains.

2820 - 2830 As above.

2830 - 2840 As above; much conglomerate junk.

2840 - 2850 Siltstone, light green and orange-red.

2850 - 2860 As above; varicolored shale; trace pyrite.

2860 - 2870 Siltstone, varicolored; trace dolomite, gray.

2870 - 2880 As above.

2880 - 2890 As above.

2890 - 2900 Shale, lavender, red and light blue-green, maroon, some silty.

2900 - 2910 Inbedded siltstone and shale, lavender, light green and orange-red.

2910 - 2920 As above.

2920 - 2930 As above; trace sandstone, green, fine to medium grain.

2930 - 2940 Shale and siltstone, as above.

2940 - 2950 Siltstone, orange-red; trace sandstone, medium to course grain, sub-angular; trace limestone, gray.

2950 - 2960 As above; shale and siltstone inbedded, gray-green.

2960 - 2970 As above.

2970 - 2980 As above.

2980 - 2990 As above.

2990 - 3000 As above.

3000 - 3010 Siltstone, orange; shale, green, maroon.

3010 - 3020 As above; chert and trace large quartz grains.

3020 - 3030 As above.

3030 - 3040 As above.

3040 - 3050 As above; trace sandstone, gray, medium to course grain, sub-angular.

3050 - 3060 Siltstone, orange-brown; sandy siltstone, light green; trace sandstone, gray, sub-angular, medium grain, poorly sorted.

3060 - 3070 As above.

3070 - 3080 As above; shale, light green, maroon, calcareous.

3060 - 3080 As above; some shale, lavendar, maroon, silty; trace limestone.

3080 - 3100 As above; trace limestone.

3100 - 3110 Siltstone, orange-red, sandy, calcareous; chert, gray; trace shale, light green, maroon.

3110 - 3120 As above.

3120 - 3130 As above; shale, brown; trace grey limestone.

3130 - 3140 As above; trace sandstone, green, fine to medium grain, calcareous.

3140 - 3150 Siltstone, orange, red; shale, light green, maroon.

3150 -3160 As above; trace limestone, orange-brown.

3160 - 3170 As above; trace chert, grey.

3170 - 3180 As above.

3180 - 3190 Shale, blue-green, maroon; orange siltstone, as above.

3190 - 3200 As above; trace dolomite, brown, sucrosic.

3200 - 3210 Shale, grey-green, maroon; some siltstone, orange, calcareous.

3210 - 3220 As above; shale, lavendar, maroon.

3220 - 3230 Predominantly lavendar shale, as above.

3230 - 3240 Siltstone, orange; shale, grey-green and lavendar, maroon; trace grey, nodular limestone.

3240 - 3250 As above.

3250 - 3260 As above.

3260 - 3270 As above.

3270 - 3280 As above; mostly lavendar shale.

3280 - 3290 Shale, lavendar, maroon and shale, light green, maroon; trace orange siltstone, as above.

3290 - 3300 As above.

3300 - 3310 As above. <u>Very Poor Sample.</u>

3310 - 3320 As above.

3320 - 3330 As above.

3530 - 3540 As above.

3540 - 3550 As above.

3550 - 3560 Shale, lavendar and green, maroon; siltstone, orange, calcareous; trace siltstone, light green.

3560 - 3570 As above; trace limestone, grey, crystalline; trace pyrite.

3570 - 3580 As above.

3580 - 3590 Much siltstone, orange-brown, and shale, as above.

3590 - 3600 As above.

3600 - 3610 Shale, light green, maroon; siltstone, as above. Very Poor Sample.

3610 - 3620 As above; trace limestone, grey-brown, crystalline.

3620 - 3630 As above; trace sandstone, medium to course grain, green, conglomerate.

3630 - 3640 Siltstone, orange; shale, light green, maroon; trace limestone.

3640 - 3650 As above; trace green siltstone, sandy.

3650 - 3660 Very Poor Sample. Many recirculated cuttings; trace limestone, orange-red.

3660 - 3670 As above. Very Poor Sample.

3670 - 3680 As above. Very Poor Sample.

3680 - 3690 Siltstone, orange, sandy; shale, green and brown, maroon.

3690 - 3700 Very Poor Sample. Cavings.

3700 - 3710 Siltstone, orange, sandy; trace red limestone, crystalline, sub-lithographic; trace anhydrite and gypsum inclusions in siltstone.

3710 - 3720 As above; much gypsum and biotite, disseminated.

3720 - 3730 As above; sandstone, light green, fine, calcareous.

3730 - 3740 Siltstone, orange, sandy; anhydrite inclusions.

3740 - 3750 As above.

3750 - 3760 As above; much gypsum and anhydrite.

3760 - 3770 As above; sandstone, fine grain, orange, calcareous.

3570 - 3580 As above; much gypsum and anhydrite.

3580 - 3590 As above.

3590 - 3600 As above.

3600 - 3610 Siltstone, orange, sandy; anhydrite inclusions; trace pyrite.

3610 - 3620 As above.

3620 - 3630 As above.

3630 - 3640 As above; much biotite.

3640 - 3650 Much anhydrite with biotite.

3650 - 3660 Siltstone, orange, sandy, very calcareous; gypsum, disseminated, and anhydrite inclusions.

3660 - 3670 As above.

3670 - 3680 As above.

3680 - 3690 As above.

3690 - 3700 As above; trace sandstone, medium to course grain, sub-rounded.

3700 - 3710 As above; limestone nodules.

3710 - 3720 As above; much red-brown limestone, slightly sandy; with disseminated anhydrite.

3720 - 3730 As above; inbedded sandstone, gray, fine to medium grain, calcareous.

3730 - 3740 As above; gypsum.

3740 - 3750 Siltstone, orange-brown; limestone, sandy, orange-brown; much gypsum and anhydrite.

3750 - 3760 As above.

3760 - 3770 As above; gypsum and anhydrite inclusions.

3770 - 3780 As above.

3780 - 3790 As above; abundant anhydrite.

3790 - 3800 As above; trace green, maroon shale.

3800 - 3810 Siltstone, orange-red, micaceous; much anhydrite and gypsum inclusions; trace sandstone, grey-green, arkosic, medium to course grain.

3810 - 3820 As above; trace limestone, red-brown, nodular.

3820 - 3830 As above.

3830 - 3840 As above.

3840 - 3850 As above; arkosic sandstone, as above.

3850 - 3860 As above.

3860 - 3870 As above; shale, green, maroon.

3870 - 3880 As above; limestone, nodular.

3880 - 3890 Siltstone, orange-red; trace anhydrite inclusions and much limestone; trace arkosic sandstone, as above.

3890 - 3900 As above.

3900 - 3910 As above.

3910 - 3920 As above; much gypsum.

3920 - 3930 As above.

3930 - 3940 As above; trace shale, brown, maroon.

3940 - 3950 As above; much limestone, red-brown, sub-lithographic to sandy

3950 - 3960 Siltstone, orange and brown; limestone, sandy, gray-brown, anhydrite inclusions.

3960 - 3970 As above.

3970 - 3980 As above; only trace anhydrite and limestone, green.

3980 - 3990 As above; anhydrite and gypsum.

3990 - 4000 As above; much limestone, green-gray, sub-lithographic.

4000 - 4010 Shale, green and brown, maroon; trace orange siltstone; limestone, green, finely crystalline; trace gypsum.

4010 - 4020 As above; disseminated gypsum and anhydrite.

4020 - 4030 As above; inclusions in shale, red-brown.

4030 - 4040 As above; limestone, red-brown, sandy.

4040 - 4050 As above; trace sandstone, gray, fine to medium grain, sub-rounded.

4050 - 4060 Limestone, brown, finely crystalline; shale, red-brown, maroon; some sandstone, arkosic, medium to course grain.

4060 - 4070 As above; anhydrite inclusions.

4070 - 4080 As above; much arkosic sandstone, as above.

4080 - 4090 As above.

4090 - 4100 As above.

4100 - 4110 Shale, brown and green, maroon; limestone, gray-brown, fine crystalline; limestone, gray-green.

4110 - 4120 As above; trace anhydrite inclusions.

4120 - 4130 As above; sandstone, gray, medium grain, arkosic.

4130 - 4140 Sandstone, as above and sandstone, gray-tan, medium to course grain, arkosic; shale, green, maroon.

4140 - 4150 As above; much biotite and anhydrite inclusions.

4150- 4160 As above.

4160 - 4170 As above; much anhydrite; trace orange-red siltstone.

4170 - 4180 As above.

4180 - 4190 As above.

4190 - 4200 Shale, green, silty; shale, brown and red, maroon; trace limestone, gray; trace sandstone, as above.

4200 - 4210 Shale, green, silty; shale, red, maroon; limestone, gray-green, sub-lithographic to finely crystalline.

4210 - 4220 As above; limestone, gray-green, sandy.

4220 - 4230 As above.

4230 - 4240 As above; limestone, brown, very sandy.

4240 - 4250 As above.

4250 - 4260 Shale, brown, maroon; shale, red, silty; limestone, brown, finely crystalline, sandy.

4260 - 4270 As above; shale, green, maroon; trace anhydrite.

4270 - 4280 As above; trace arkosic sandstone, medium to course grain, sub-angular.

4280 - 4290 As above.

4290 - 4300 As above; trace siltstone, orange-red; trace limestone, gray-green.

4300 - 4310 As above.

4310 - 4320 Shale, brown, red and green, maroon; trace limestone, as above; trace anhydrite.

4320 - 4330 As above.

4330 - 4340 As above. Very Poor Sample.

4340 - 4350 Very Poor Sample. Cavings?

4350 - 4360 Shale, red, brown and green, maroon; limestone, brown, sandy; trace siltstone, orange-red.

4360 - 4370 As above.

4370 - 4380 As above; trace chert.

4380 - 4390 Shale, lavender, maroon; shale, as above; limestone, as above.

4390 - 4400 As above; much lavender shale and anhydrite.

4400 - 4410 Shale, red, gray and brown; anhydrite inclusions, calcareous; trace limestone, gray, fine crystalline.

4410 - 4420 As above.

4420 - 4430 As above; trace caving shale and much anhydrite.

4430 - 4440 As above; much limestone.

4440 - 4450 Limestone, gray-green, sub-lithographic to finely crystalline; shale, as above; trace anhydrite.

4450 - 4460 As above; much lavender shale and anhydrite.

4460 - 4470 As above; trace sandstone, medium gray, arkosic.

4470 - 4480 Shale, red, gray and brown, maroon; trace siltstone, orange, calcareous; anhydrite inclusions.

4480 - 4490 Shale, lavender, light green and red; trace siltstone, orange; anhydrite.

4490 - 4500 As above.

4500 - 4510 Shale, brown and gray, fine texture; trace siltstone, orange; anhydrite.

4510 - 4520 As above; lavender shale and light green shale.

4520 - 4530 As above.

4530 - 4540 Shale, as above; limestone, gray-green and gray-brown, fine crystalline.

4540 - 4550 As above; some brown limestone, sandy; some limestone, gray-brown, mottled, course grain, crystalline.

4550 - 4560 Shale, lavender, light green and red; limestone, brown, sandy; limestone, gray, crystalline.

4560 - 4570 As above.

4570 - 4580 As above; less limestone in sample.

4580 - 4590 Limestone, brown, sandy and brown, crystalline; limestone, gray, crystalline; shale, lavender, brown and light green.

4590 - 4600 As above.

4600 - 4610 Shale, light green and lavender; limestone, gray, sandy, silty.

4610 - 4620 As above; limestone, gray-green, sub-lithographic.

4620 - 4630 As above; trace sandstone, gray-green, fine to medium grain, argillaceous, micaceous.

4630 - 4640 Limestone, gray, gray-brown, crystalline, some sandy; shale, lavender; trace sandstone, as above.

4640 - 4650 Shale, lavender and gray, silty; some limestone, gray, crystalline.

4650 - 4660 Shale, as above; limestone, as above; trace sandstone, gray, fine grain, argillaceous.

4660 - 4670 Limestone, gray, sub-lithographic; shale, as above; shale, dark gray-brown; some limestone, gray-brown.

4670 - 4680 Limestone, as above; much shale, dark gray-brown; trace limestone, gray-brown, dense.

4680 - 4690 As above.

4690 - 4700 Limestone, light to dark gray-brown, sub-lithographic, argillaceous; shale, as above.

4700 - 4710 Limestone, gray to gray-green, crystalline, argillaceous; shale, brown.

4710 - 4720 As above; much shale, green.

Water loss ± 30 cc. Samples thin - using much drissene with little effect, decander shut down.

4720 - 4730 Shale, gray-green; trace limestone, buff-brown, crystalline.

4730 - 4740 As above; sandstone, gray, fine grain, sub-rounded; trace anhydrite.

4740 - 4750 Sandstone, gray, fine grain; sandstone, arkosic, medium to course grain; shale, red, silty.

4750 - 4760 Trace sandstone, as above and red shale, as above; some limestone, gray, very sandy and much chert, gray.

4760 - 4770 As above; trace coal inbedded with pyrite streaks.

4770 - 4780 Limestone, gray and some brown, cryptocrystalline to sandy; trace reddish limestone; trace chert.

4780 - 4790 As above; sandstone, medium to course grain, sub-angular, arkosic, much biotite; trace anhydrite.

4790 - 4800 As above; trace chert.

4800 - 4810 Limestone, buff-grey, slightly sandy; trace chert.

4810 - 4820 Limestone, grey-brown, crystalline, mottled, slightly sandy; shale, grey, fine texture, calcareous; shale, brown, calcareous.

4820 - 4830 As above; shale included.

4830 - 4840 As above; chert.

4840 - 4850 As above.

4850 - 4860 Limestone, buff-grey, sub-lithographic to sandy; shale, dark red, silty; trace coal.

4860 - 4870 Inclusions in limestone, as above, some very dense.

4870 - 4880 As above; trace sandstone, fine grain, gray, calcareous.

4880 - 4890 Limestone, as above; much shale, as above; trace sandstone and chert.

4890 - 4900 As above; trace limestone, brown, sandy.

4900 - 4910 Limestone, gray and grey-green, sub-lithographic to fine crystalline; some shale, gray, calcareous.

4910 - 4920 As above; some limestone, chalky, dolomitic, fossiliferous; some medium crystalline limestone; shale, grey, calcareous.

4920 - 4930 As above; much shale, red, slightly silty, calcareous.

4930 - 4940 Shale, dark grey, fine texture; shale, red, silty; limestone, grey, finely crystalline, some dolomitic.

4940 - 4950 As above.

4950 - 4960 As above.

4960 - 4970 As above.

4970 - 4980 Inclusions in red, silty shale; trace chalky limestone; trace anhydrite.

4980 - 4990 As above.

4990 - 5000 As above; much anhydrite.

5000 - 5010 Limestone, gray-brown, crystalline, fossiliferous; siltstone, orange; trace anhydrite; some shale, brown; anhydrite.

5010 - 5020 As above; trace chert.

5020 - 5030 As above.

5030 - 5040 As above; limestone, brown, silty.

5040 - 5050 Siltstone, orange-red; trace anhydrite; limestone, gray, crystalline; trace chert.

5050 - 5060 As above; inclusions limestone.

5060 - 5070 Limestone, as above; much chert.

5070 - 5080 As above; limestone, dark brown and dark gray, argillaceous.

5080 - 5090 Limestone and shale, as above, some chalky, dolomitic.

5090 - 5100 Siltstone, orange; shale, gray, fine texture; limestone, as above.

5100 - 5110 Shale, dark brown and dark gray; limestone, dark brown, crystalline.

5110 - 5120 As above; some lavender shale, very calcareous.

5120 - 5130 Limestone, gray, crystalline; limestone, brown, crystalline, fossiliferous; shale, gray; trace siltstone, orange-red, calcareous.

5130 - 5140 As above; limestone, buff, sub-lithographic.

5140 - 5150 As above.

5150 - 5160 Limestone, gray-gray-brown, fine crystalline; shale, dark gray, calcareous.

5160 - 5170 As above; mostly shale, as above.

5170 - 5180 As above.

5180 - 5190 Shale, red and brown, silty; shale, gray, very calcareous; limestone, as above.

5190 - 5200 Limestone, gray-tan, lithographic to sub-lithographic, some chalky; chert and shale, as above.

5200 - 5210 As above; some limestone, gray-tan, finely crystalline.

5210 - 5220 As above; inclusions shale.

5220 - 5230 Limestone, dark gray, finely crystalline, argillaceous.

5230 - 5240 As above; chert and shale, red-brown; trace orange siltstone.

5240 - 5250 Shale, red-brown, fine texture; trace sandstone, fine grain, light green, micaceous.

5250 - 5260 Limestone, dark gray, very finely crystalline; trace limestone, gray-brown, crystalline; trace chert.

5260 - 5270 As above; limestone, gray, lithographic to sub-lithographic.

5270 - 5280 Shale, lavender, fine texture; shale, red, slightly silty, calcareous; trace limestone, as above.

5280 - 5290 As above; inclusions in limestone.

5290 - 5300 As above; much lavender shale.

5300 - 5310 Limestone, gray-brown, finely crystalline; trace chalky limestone.

5310 - 5320 As above; shale, gray, silty.

5320 - 5330 Inclusions shale, as above.

5330 - 5340 Limestone, dark gray, silty; shale, as above.

5340 - 5350 As above; limestone, gray, c rystalline; trace chert.

5350 - 5360 As above; limestone, red-brown, argillaceous; shale, as above.

5360 - 5370 Limestone, as above; limestone, buff-gray, finely crystalline.

5370 - 5380 Limestone, gray to dark gray, sub-lithographic; limestone, as above.

5380 - 5390 As above; trace chalky, oolitic limestone, gray; trace chert, tan.

5390 - 5400 Limestone, gray-brown, crystalline; limestone, red-brown, argillaceous.

5' samples start.

5400 - 5405 Limestone, dark gray, silty; shale, red, silty.

5405 - 5410 As above.

5410 - 5415 Shale, gray, silty and red; trace limestone, buff, crystalline.

5415 - 5420 As above.

5420 - 5425 As above; trace chalky, dolomitic limestone.

5425 - 5430 Limestone, gray-tan, sub-lithographic.

5430 - 5435 As above; inclusions limestone; chert, buff.

5435 - 5440 Limestone, light to medium, gray, crystalline; chert, gray.

5440 - 5445 As above.

5445 - 5450 As above; shale, gray, fine texture; chert.

5450 - 5455 Shale, brown and gray, fine texture, calcareous; limestone, gray-tan, crystalline; chert, buff.

5455- 5460 As above; inclusions limestone.

5460 - 5465 Shale and limestone, as above; chert, buff.

5465 - 5470 Shale, as above; limestone, gray-tan, crystalline, very fossiliferous (breche); chert

5470 - 5475 Shale, dark gray to black, slightly silty, micaceous, fine texture, calcareous; trace limestone; trace anhydrite.

5475 - 5480 As above; limestone, gray to dark gray, finely crystalline; some anhydrite.

5480 - 5485 As above; limestone, tan-brown, dense, crystalline.

5485 - 5490 Limestone, gray-brown, crystalline, fossiliferous, mottled; shale, as above.

5490 - 5495 Limestone, as above; limestone, dark gray, very dense.

5495 - 5500 As above; limestone, dark gray, dense; some dolomite; shale, dark gray, fine texture; anhydrite.

5500 - 5505 As above; limestone, gray to dark gray, slightly sandy, anhydritic.

5505 - 5510 Limestone, gray, finely crystalline; limestone, gray, slightly sandy.

5510 - 5515 As above.

5515 - 5520 Limestone, medium gray to brown, crystalline; limestone, gray, very dense, some chalky.

5520 - 5525 Limestone, gray-brown, mottled, crystalline; trace chert, buff and dolomitic limestone.

5525 - 5530 As above; chert, milky and vein calcareous.

5530 - 5535 As above; limestone, buff, dolomitic and some crystalline, pinpoint porosity, very slight fluorescence and cut?; much chert; trace small vugular porosity.

5535 - 5540 Limestone, buff-gray, dense, crystalline; much chert.

5540 - 5545 As above.

5545 - 5550 As above.

5550 - 5555 Limestone, buff-gray and gray-brown, mottled, crystalline; some dolomite, sucrosic.

5555 - 5560 As above.

5560 - 5565 As above; dolomite, gray-tan, sucrosic; shale, black (probably inclusions).

5565 - 5570 Limestone, dark gray-brown, mottled, finely crystalline to medium; limestone, as above.

5570 - 5575 As above; vein calcareous; trace milky chert.

5575 - 5580 Limestone, buff, crystalline, dense; dolomite; limestone, buff-gray.

5580 - 5585 Limestone, gray and dark gray-brown, finely crystalline; trace limestone, as above; much black shale, slightly silty, appears micaceous (probably anhydrite).

5585 - 5590 As above; trace chert, buff.

5590 - 5595 Limestone, gray to dark gray, finely crystalline, argillaceous and slightly anhydritic.

5595 - 5600 As above.

5600 - 5605 Limestone, gray to dark gray, crystalline, some very anhydritic.

5605 - 5610 As above; some course crystalline anhydrite inclusions.

5610 - 5615 As above.

5615 - 5620 Limestone, buff to brown; very much crystalline anhydrite; stain, fluorescence and cut (probably 50% anhydrite).

5620 - 5625 As above, stain, fluorescence and cut.

5625 - 5630 As above, stain, fluorescence and cut.

5630 - 5635 As above.

30" circulating sample @ 5836' - dolomite, brown, sucrosic, w/course crystalline anhydrite, stain, fluorescence and cut.

1 hour circulating sample - as above.

5840 sample Limestone, gray, crystalline, anhydritic; trace dolomite.

5840 - 5845 Shale, black, silty, anhydritic (1 hour circulating sample).

5845 - 5850 As above.

5850 - 5854 As above (circulating 15").

Run Schlumberger @ 5854', RS - ML.

<u>Core #1, 5854 - 5904, (50'), recovered 49.1'.</u>

5854 - 5855 Limestone, dark gray-brown, finely crystalline, dense.

5855 - 5856 Limestone, gray, dense, finely crystalline, very anhydritic.

5856 - 5857 As above, very dense.

5857 - 5858 As above.

5858 - 5859 Limestone, gray, crystalline, few vugs, stylolite.

5859 - 5860 As above, very few vugs, no visible show, slight fluorescence, spotted.

5860 - 5861 As above.

5861 - 5862 Limestone, gray-buff, crystalline, vugular porosity, anhydrite lined vugs.

5862 - 5863 As above; dead oil in vugs, bleeding oil and gas, fluorescence and cut.

5863 - 5864 As above; vugs to ¼" in diameter, good porosity, fluorescence and cut.

5864 - 5865 As above; vugs lined w/crystalline anhydrite.

5865 - 5866 As above.

5866 - 5867 Limestone, gray-buff, crystalline, poor vugular porosity, spotted fluorescence, bleeding oil and gas.

5867 - 5868 As above; w/stylolites.

5868 - 5869 As above; very slight vugular porosity, spotted fluorescence?

5869 - 5870 As above.

5870 - 5871 As above.

Core #1, (con't)

5671 - 5672 As above, very scattered, vugular porosity.

5672 - 5673 Limestone, gray-brown, mottled, crystalline, no porosity.

5673 - 5674 As above, very dense, fossiliferous, stylolites.

5674 - 5675 As above.

5675 - 5676 Limestone, gray, finely crystalline, good oolitic porosity, bleeding oil, gas and salt water, tastes salty, spotted fluorescence?

5676 - 5677 Limestone, gray, dense, anhydritic.

5677 - 5678 As above.

5678 - 5679 Limestone, gray-brown, finely crystalline, very good oolitic porosity, bleeding oil, gas and salt water, tastes salty.

5679 - 5680 As above.

5680 - 5681 Limestone, buff, finely crystalline, dense.

5681 - 5682 Limestone, dark gray, dense.

5682 - 5683 As above.

5683 - 5684 Limestone, buff-gray, dense, finely crystalline, anhydritic.

5684 - 5685 As above.

5685 - 5686 As above, stylolites.

5686 - 5687 Limestone, as above w/few vugs lined w/crystalline anhydrite.

5687 - 5688 As above; spotted fluorescence.

5688 - 5689 As above.

5689 - 5690 Limestone, buff-gray, dense, finely crystalline, stylolite.

5690 - 5691 As above; fluorescence along stylolite seams, fossiliferous.

5691 - 5692 As above.

5692 - 5693 Limestone, gray, finely crystalline, dense, dolomitic.

5693 - 5694 Limestone, buff, finely crystalline, dense, dolomitic.

5694 - 5695 As above.

5695 - 5696 As above.

5696 - 5697 Limestone, gray, finely crystalline, anhydritic.

5697 - 5698 As above, very anhydritic.

5698 - 5699 As above, less anhydrite.

5699 - 5700 As above.

5700 - 5701 Chert, gray inclusions in limestone, gray, lithographic.

5701 - 5702 Limestone, gray, lithographic.

5702 - 5703 As above, fossiliferous.

5703 - 5704 As above.

<u>Core #2, 5704 - 5722, recovered 17'</u>.

5704 - 5705 Limestone, gray, finely crystalline, dense, anhydritic.

5705 - 5706 As above; w/stylolites and vertical fractures, bleeding oil and gas.

5706 - 5707 As above, very anhydritic.

5707 - 5708 As above.

5708 - 5709 Limestone, gray, finely crystalline, w/some pinpoint porosity, spotted fluorescence?

5709 - 5710 Limestone, gray, finely crystalline, anhydritic, dense.

5710 - 5711 As above.

5711 -5712 Limestone, buff-gray, crystalline, fair vugular porosity, <u>bleeding oil and gas</u>, tastes salty.

5712 - 5713 As above; w/some anhydrite-lined vugs.

5713 - 5714 Limestone, buff, very finely crystalline, anhydritic.

5714 - 5715 Limestone, gray, finely crystalline, anhydritic.

5715 - 5716 Limestone, buff, finely crystalline, good vugular porosity, <u>bleeding oil and gas</u>, tastes salty.

5716 - 5717 As above; w/large inclusions crystalline anhydrite.

5717 - 5718 As above.

5718 - 5719 As above.

5719 - 5720 Limestone, gray, very finely crystalline, dense.

5720 - 5721 As above.

5721 - 5722 As above.

DST #1, Paradox Formation "C", 5634 - 5722. Open 2 hours, shut in 1 hour, tool opened with fair blow air increasing to good blow in 10 minutes. Gas to surface in 90 minutes? Recovered 900' highly gas cut oil, no water. FFP 150 - 170#, SIP 1810/60", HH 2115-2065.

Core #3, 5722-52, full recovery.

5722 - 5723 Limestone, gray, crystalline, fossiliferous (crinoidal); black shale inclusions.

5723 - 5724 Limestone, as above w/scattered vugular porosity, bleeding oil and gas.

5724 - 5725 As above; trace porosity bleeding oil and gas.

5725 - 5726 As above; fluorescence on clean break.

5726 - 5727 As above.

5727 - 5728 Limestone, gray, finely crystalline, no porosity, anhydritic.

5728 - 5729 As above; w/anhydrite inclusions and stylolite.

5729 - 5730 As above.

5730 - 5731 Limestone, gray, medium crystalline; w/black shale inclusions.

5731 - 5732 As above.

5732 - 5733 Limestone, gray, fine crystalline, fossiliferous (brachiopod).

5733 - 5734 As above; w/black shale inclusions, very fossiliferous.

5734 - 5735 As above.

5735 - 5736 As above.

5736 - 5737 Limestone, gray, finely crystalline.

5737 - 5738 Limestone, gray, medium crystalline, stylolite.

5738 - 5739 As above, anhydritic.

5739 - 5740 As above.

5740 - 5741 As above.

5741 - 5742 Limestone, gray, finely crystalline, w/very scattered pinpoint porosity, bleeding oil

5742 - 5743 As above, fluorescence?

5743 - 5744 As above.

5744 - 5745 Limestone, grey, crystalline, no porosity.

5745 - 5746 Limestone, grey, sub-lithographic, slight bleeding oil on horizontal fractures?

5746 - 5747 As above.

5747 - 5748 Limestone, grey, crystalline, slight bleeding oil on fractures?

5748 - 5749 Limestone, grey-dark grey, crystalline, no porosity.

5749 - 5750 As above.

5750 - 5751 As above.

5751 - 5752 As above.

<u>DST #2</u>, 5722 - 5752. Open 90 minutes, shut in 60 minutes, recovered 60' emulsified oil and core cuttings. HH 2135-2130, FP 60 - 80, SIP 1300#.

<u>Core #4</u>, 5752 - 5765, full recovery.

5752 - 5753 Limestone, grey-tan, crystalline, no porosity.

5753 - 5754 As above.

5754 - 5755 As above.

5755 - 5756 As above; slightly anhydritic.

5756 - 5757 As above.

5757 - 5758 As above.

5758 - 5759 Limestone, grey, crystalline, fossiliferous, very anhydritic.

5759 - 5760 As above; w/scattered vugular porosity, tastes salty, bleeding oil and gas.

5760 - 5761 As above.

5761 - 5762 Limestone, grey, crystalline, anhydritic, scattered pinpoint porosity, some large vugs, bleeding oil and gas, salty.

5762 - 5763 Limestone, medium grey, sub-lithographic, dense.

5763 - 5764 Limestone, grey, dolomitic, with scattered vugular porosity, <u>bleeding salt water</u>.

5764 - 5765 Dolomitic limestone, as above, slightly vuggy, bleeding salt water, cuscrosis.

DST #3, 5752 - 5765, Open 60 minutes, shut in 30 minutes. Recovered 30' emulsified oil and core cuttings. BH 2155 - 2130, FP 60 - 60, SIP 60/30".

Core #5, 5765 - 5795, full recovery.

5765 - 5766 Limestone, gray, crystalline, slightly dolomitic, some pinpoint porosity, bleeding oil and salt water.

5766 - 5767 As above, dolomitic w/dolomite, gray-brown.

5767 - 5768 Limestone, gray, crystalline, no porosity.

5768 - 5769 As above.

5769 - 5770 Limestone, gray, crystalline, w/vugular fair porosity, bleeding oily salt water, large vugs.

5770 - 5771 As above, vugs lined w/crystalline anhydrite.

5771 - 5772 As above w/stylolite.

5772 - 5773 As above.

5773 - 5774 As above.

5774 - 5775 As above; bleeding oil and much salt water.

5775 - 5776 As above; good vugular porosity; filled with crystalline anhydrite.

5776 - 5777 As above.

5777 - 5778 As above.

5778 - 5779 As above.

5779 - 5780 As above.

5780 - 5781 As above.

5781 - 5782 As above.

5782 - 5783 Limestone, gray, sub-lithographic, dense with stylolite.

5783 - 5784 Limestone, gray, crystalline, w/fair vugular porosity, bleeding salt water, trace oil.

5784 - 5785 As above, finely crystalline.

5785 - 5786 Limestone, gray, crystalline, dense, no porosity, anhydritic.

5786 - 5787 As above, trace pinpoint porosity.

5787 - 5788 Limestone, gray, finely crystalline, dolomitic, very anhydritic, good vugular porosity, bleeding salt water.

5788 - 5789 As above, vugs lined w/course crystalline anhydrite.

5789 - 5790 As above; limestone, gray, dolomitic, vuggy.

5790 - 5791 Limestone, gray, dolomitic, w/vugs lined w/anhydrite.

5791 - 5792 Dolomite, gray, w/vugular porosity, as above, fair to good porosity bleeding salt water.

5792 - 5793 As above, bleeding salt water.

5793 - 5794 As above.

5794 - 5795 As above.

DST #4, 5785 - 5795, open 60 minutes, shut in 30 minutes. Small blow air for 30 minutes then died. Recovered 40' emulsified oil, core cuttings and salt water. HH 2160 - 2150, FP 60 - 60, SIP 795#

Core #6, 5796 - 5846, full recovery.

5796 - 5797 Limestone, brown-gray, dolomitic, w/fair vugular porosity, slight bleeding oil and salt water.

5797 - 5798 As above, anhydritic vugs lined w/crystalline anhydrite.

5798 - 5799 As above.

5799 - 5800 As above, very anhydritic and dolomitic.

5800 - 5801 As above.

5801 - 5802 Limestone, gray-brown, crystalline, anhydritic; dolomite, gray, brown.

5802 - 5803 As above, w/ stylolite.

5803 - 5804 As above.

5804 - 5805 As above; w/large anhydrite inclusions.

5805 - 5806 As above.

5806 - 5807 Dolomite, brown, earthy, no porosity.

5807 - 5808 As above; inclusions crystalline anhydrite.

5808 - 5809 As above; w/dolomitic limestone, brown, sucrosic.

5809 - 5810 As above, very fossiliferous.

5810 - 5811 Dolomite, brown, earthy, no porosity.

5811 - 5812 Dolomite, tan, earthy, no porosity, anhydritic.

5812 - 5813 As above.

5813 - 5814 As above.

5814 - 5815 Dolomite, as above, w/poor vugular porosity, no bleeding, tastes salty.

5815 - 5816 Dolomite, brown, sucrosic, w/fair vugular porosity, very little bleeding, tastes salty.

5816 - 5817 As above, anhydrite inclusions.

5817 - 5818 As above.

5818 - 5819 Dolomite, brown, earthy, no visible porosity.

5819 - 5820 As above.

5820 - 5821 As above.

5821 - 5822 As above, w/anhydrite inclusions.

5822 - 5823 As above.

5823 - 5824 As above.

5824 - 5825 As above.

5825 - 5826 Dolomite, brown, earthy, no visible porosity.

5826 - 5827 As above.

5827 - 5828 As above, w/inclusions crystalline anhydrite.

5828 - 5829 As above.

5829 - 5830 As above, anhydritic.

5830 - 5831 Dolomite, brown, earthy.

5831 - 5832 As above.

5832 - 5833 As above.

5833 - 5834 Dolomite, dark brown, anhydritic, argillaceous.

5854 - 5855 Shale, black, fine texture, slightly anhydritic, slightly calcareous.

5855 - 5856 As above.

5856 - 5857 As above.

5857 - 5858 As above.

5858 - 5859 As above.

5859 - 5860 As above.

5860 - 5861 As above.

5861 - 5862 As above.

5862 - 5863 As above.

5863 - 5864 As above.

5864 - 5865 As above.

5865 - 5866 As above.

DST #5, 5796 - 5866. Open 60 minutes, shut in 30 minutes, weak blow air and died in 32 minutes. Recovered 70' free oil.
HH 2165 - 2165, FP 30 - 41, SIP 1260/30 minutes still rising

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency [redacted]
Tract 14
Allottee 14-20-603-2056
Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

July 9, 1957

Well No. Aneth 28-D2 is located 2080 ft. from [N] line and 560 ft. from [E] line of sec. 28

SE¼ NE¼, Sec. 28 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) Salt Lake (Meridian)

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

The elevation of the ground above sea level is 4749 ft.
KB elevation is 4759 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)

June 15, 1957

Set 13-3/8" on 48# R-2 8-R H-40 conductor pipe with STAC at 22', cemented with 50 sacks cement and 25% sand.

June 18, 1957

Set 9-5/8" on 8-R 36# J-55 surface casing at 1237' and cemented with 500 sacks 50/50 Pozmix with 1/4# Flocsal per sack and followed with 100 sacks Regular cement.

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

Company The Pure Oil Company

Address 1700 Broadway - Fourth Floor
Denver 2, Colorado

By T. L. Warburton
Title Division Chief Production Clerk

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency [redacted]

[redacted]

Allottee [redacted]

Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

July 17, 19 57

Well No. Aneth 28-32 is located 2080 ft. from [N] line and 560 ft. from [E] line of sec. 28

SE¼ NE¼, Sec. 28 (¼ Sec. and Sec. No.) | 40-S (Twp.) | 24-E (Range) | Salt Lake (Meridian)

Undesignated (Field) | San Juan (County or Subdivision) | Utah (State or Territory)

The elevation of the ground above sea level is [illegible] ft.
KB elevation is 4759 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)

July 14, 1957

5654

Set 7" OD 23# and 20# S-8, S-80 and J-55, R-3 casing at 5653', cemented with 400 sacks Regular Cement.

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

Company The Pure Oil Company

Address 1700 Broadway
Denver 2, Colorado

By T. L. Warburton

Title Division Chief Production Clerk

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

10 -

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tract 16A
Allottee 14-20-603-2056
Lease No.

Noted
Cat
8-6-57

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	
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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

July 30, 1957

Well No. Aneth 28-D2 is located 2080 ft. from [N] line and 560 ft. from [E] line of sec. 28

NE¼ NE¼, Sec. 28 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) Salt Lake (Meridian)

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

The elevation of the ground above sea level is 4748 ft.
KB elevation is 4759 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)

July 20, 1957 - Johnston DST No. 1 from 5654' to 5722'. Tool open two hours, shut in 30 minutes. Fair to good blow in 10 minutes, continued throughout test. Gas to surface in 90 minutes. Recovered 900' heavily gas cut oil, no water. Pressures: IF 130, FF 170, Shut In 1810, IH 2115, FH 2065.

July 27, 1957 - Johnston DST No. 2 from 5722' to 5752'. Tool open 1-1/2 hours, shut in one hour. Recovered 60' salt water contaminated with oil. Pressures: IH 2135, IF & FF 60, Shut In 130, FH 2130.

July 28, 1957 - Johnston DST No. 3 from 5752' to 5765'. Tool open one hour, Shut In 1/2 hour. Small blow immediately decreased to zero. Recovered 30' emulsified oil and core cutting. Pressures: IH 2135, IF & FF 60, Shut In 60, FH 2130.

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

Company The Pure Oil Company

Address 1700 Broadway
Denver 2, Colorado

By T. L. Warburton
Title Division Chief Production Clerk

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency [redacted]

[redacted]

Allottee [redacted]

Lease No.

Noted
CAH
8-14-57

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	
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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

August 8, 1957

Well No. Apache 28-D2 is located 2060 ft. from {N} line and 560 ft. from {E} line of sec. 28

SE¼ NW¼, Sec. 28 (¼ Sec. and Sec. No.) | 40-S (Twp.) | 24-E (Range) | Salt Lake (Meridian)

Undesignated (Field) | San Juan (County or Subdivision) | Utah (State or Territory)

The elevation of the ground above sea level is 4748 ft.
KB elevation is 4759 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)

SEE ATTACHED SUMMARY.

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

Company The Pure Oil Company

Address 1700 Broadway

Denver 2, Colorado

By

Title T. L. Warburton
Division Chief Production Clerk

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

Noted
CM
8-14-57

ANETH NO. 28-D2

NAVAJO - TRACT 164

Sec. 28, T-40S, R-24E
San Juan Co., Utah

July 20, 1957

Johnston Drill Stem Test No. 1 from 5654' to 5722'. Tool open two hours, shut in 30 minutes. Fair to good blow in 10 minutes, continued throughout test. Gas to surface in 90 minutes. Recovered 900' heavily gas cut oil, no water. Pressures: IH 2115, FH 2065, IF 130, FF 170, Shut In 1810.

July 27, 1957

Johnston Drill Stem Test No. 2 from 5722' to 5752'. Tool open 1-1/2 hours, shut in one hour. Recovered 60' salt water contaminated with oil. Pressures: IH 2135, IF and FF 60, Shut in 130, FH 2130.

July 28, 1957

Johnston Drill Stem Test No. 3 from 5752' to 5765'. Tool open one hour, shut in 30 minutes. Small blow immediately decreased to zero. Recovered 30' emulsified oil and core cutting. Pressures: IH 2135, IF and FF 60, Shut In 60, FH 2130.

July 29, 1957

Johnston Drill Stem Test No. 4 from 5765' to 5796'. Tool open one hour, shut in 30 minutes. Small blow decreased to zero. Recovered 40' emulsified core cuttings and salt water. Pressures: IH 2160, FH 2150, IF and FF 60, Shut In 795.

July 31, 1957

Johnston Drill Stem Test No. 5 from 5796' to 5846'. Tool open one hour, shut in 30 minutes. Weak blow, died in 52 minutes. Recovered 70' of free oil, no water. Pressures: IH and FH 2183, IF 30, FF 41, Shut In 1360 and rising.

August 1, 1957 - (Set 5" OD casing as liner.)

Set 5" OD 15# 8-R J-55, Range 2 casing with LT&C at 5869', cemented with 60 sacks 50-50 Poemix with 2% Gel. Top of Liner Hanger at 5343'.

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tract 16h
Allottee Tribal
Lease No. 14-20-603-2056

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

August 15, 1957

Well No. Aneth 28-D2 is located 2080 ft. from {N} line and 560 ft. from {E} line of sec. 28

SE¼ NE¼, Sec. 28 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) Salt Lake (Meridian)

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

The elevation of the ground above sea level is 4748 ft.
KB elevation is 4759 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)

August 1, 1957

Set 5" OD 15# 8-R J-55 R-2 casing as liner at 5869', cemented with 60 sacks 50-50 Posmix with 2% Gel. Top of Liner Hanger at 5343'.

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

Company The Pure Oil Company

Address 1700 Broadway

Denver 2, Colorado

By T. L. Warburton

Title Division Chief Production Clerk

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tract 14
Allottee Tribal
Lease No. 14-20-603-2056

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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	X
NOTICE OF INTENTION TO ABANDON WELL			

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

August 15, 1957

Well No. Anoth 28-D2 is located 2080 ft. from N line and 560 ft. from E line of sec. 28

SW¼ NE¼, Sec. 28 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) Salt Lake (Meridian)

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

The elevation of the ground above sea level is 4748 ft.
KB elevation is 4759 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)

July 29, 1957

Johnston DST No. 4 from 5765' to 5796'. Tool open one hour, shut in 30 minutes. Small blow decreased to zero. Recovered 40' emulsified core cuttings and salt water. Pressures: IH 2160, FH 2150, IF & FF 60, Shut In 795.

July 31, 1957.

Johnston DST No. 5 from 5796' to 5846'. Tool open one hour, shut in 30 minutes. Weak blow, died in 52 minutes. Recovered 70' of free oil, no water. Pressures: IH & FH 2183, IF 30, FF 41, Shut In 1360 and rising.

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

Company The Pure Oil Company

Address 1700 Broadway

Denver 2, Colorado

By T. L. Warburton

Title Division Chief Production Clerk

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency [redacted]
[redacted]
Allottee [redacted]
Lease No. [redacted]

Noted
8-19-57

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

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

August 15, 19 57

Well No. Aneth 28-D2 is located 2080 ft. from [N] line and 560 ft. from [E] line of sec. 28

SW¼ NW¼, Sec. 28 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) Salt Lake (Meridian)

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

The elevation of the derrick floor above sea level is 4758 ft.
KB elevation is 4759 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)

SEE ATTACHED SHEET.

5869' TOTAL DEPTH

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

Company The Pure Oil Company

Address 1700 Broadway
Denver 2, Colorado

By J. L. Warburton

Title Division Chief Production Clerk

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

ANETH 28D2

LANE-WELLS PERFORATED 5" OD CASING WITH FOUR KONE JET SHOTS PER FOOT FROM 5796' TO 5828'. AUGUST 5, 1957, SWABBED FROM 5760', NO RECOVERY.

HI-FLOW TREATMENT NO. 1 WITH 20 GALLONS OF HI-FLOW MIXED WITH 40 BARRELS CRUDE OIL, DISPLACED WITH 44 BARRELS CRUDE OIL. PRESSURE 4300 LBS., BROKE TO 3900 LBS. RATE OF INJECTION 2 BARRELS PER MINUTE. AT END OF TREATMENT, PRESSURE 3700 LBS. TOTAL OF 84 BARRELS OIL USED IN TREATMENT. SWABBED DOWN TO 5760' AT 1:30 p.m. 8-6-57. RECOVERED 31-1/2 BARRELS DISPLACEMENT OIL. SHUT DOWN AT 6:00 P.M. AUGUST 7, 1957 OVERNIGHT FILLUP IN 12 HOURS, 100'. PULLED SWAB EVERY TWO HOURS FOR 12 HOURS FROM 5760', RECOVERED 1-1/2 BARRELS DISPLACEMENT OIL.

VISA-FRAC JOB ON AUGUST 9, 1957, HALLIBURTON PUMPED 170 BARRELS VISA-FRAC FLUID WITH 4000 LBS OF 40-60 GRAIN SAND. STARTED SAND INTO FORMATION AT 1/4 POUND, INCREASED TO 1-1/4 POUNDS PER GALLON. INJECTION RATE 5.7 BARRELS PER MINUTE. DISPLACED WITH 40 BARRELS OF OIL. MAXIMUM PRESSURE 5600 LBS., MINIMUM PRESSURE 5000 LBS, FINAL PRESSURE 3500 LBS. JOB COMPLETE AT 5:55 A.M. SWABBED DOWN TO 5760' AT 1:00 P.M. 8-9-57, SWABBED TO 6:00 P.M. AND SHUT DOWN. RECOVERED 40 BARRELS LOAD OIL. AUGUST 10, 1957, FLUID LEVEL AT 1500', 900' FILLUP IN 12 HOURS. SWABBED 12 HOURS FROM 5760', RECOVERED 6 BARRELS FLUID, APPROXIMATELY 50% WATER. SHUT DOWN AT 6:00 P.M. 8-10-57.

ACID JOB NO. 1 ON 8-11-57, PUMPED 2500 GALLONS OF H.V. ACID AND 3500 GALLONS OF REGULAR ACID THROUGH PERFORATIONS FROM 5796' TO 5828'. MAXIMUM PRESSURE 6000 LBS, PRESSURE BROKE TO 4000 LBS WITH 2580 GALLONS ACID IN. INJECTION RATE 73 GALLONS OF ACID PER MINUTE. FLUSHED ACID WITH 150 BARRELS OIL. JOB COMPLETE AT 2:30 P.M. STARTED SWABBING AT 5:00 P.M., SWABBED 20 BARRELS LOAD OIL AND AT 6:00 P.M., STARTED SWABBING ACID WATER. SWABBED APPROXIMATELY 16 BARRELS ACID WATER PER HOUR FOR 6 HOURS. SHUT DOWN AT 12:00 MIDNIGHT. AUGUST 12, 1957, FILLUP OF 1300' IN 6 HOURS. SWABBED FROM 1500' TO 3400'. RECOVERED WATER WITH TRACE OF OIL, APPROXIMATELY 12 BARRELS PER HOUR. MCCULLOUGH PERFORATED 5" OD CASING WITH FOUR 1/2" SHOTS 5704' TO 5705'. SET CEMENT RETAINER AT 5700' AND SQUEEZED 200 SACKS CEMENT THROUGH PERFORATIONS 5704' AND 5705', 5796' TO 5828', MAXIMUM PRESSURE 6000 LBS. JOB COMPLETE AT 5:30 A.M. 8-13-57.

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

Form 9-331 b
(April 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo
Tract 16A
Allottee
Lease No. 14-20-603-2056

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

October 16, 1957

Well No. Aneth 28-E2 is located 2,080 ft. from {N/S} line and 560 ft. from {E/W} line of sec. 28

NE1/4 NE1/4, Sec. 28 (¼ Sec. and Sec. No.) 40S (Twp.) 24E (Range) Salt Lake (Meridian)

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

The elevation of the ~~derrick floor~~ ground above sea level is 4,746 ft.
KB Elevation is 4,759 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)

See Attached Sheet

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

Company The Pure Oil Company

Address 1700 Broadway
Denver 2, Colorado

By [signature]
Division Chief Production Clerk

Title

U. S. GOVERNMENT PRINTING OFFICE 16—84376-8

October 17, 1957

PERFORATING AND ACIDIZING

ARGTH NO. 28-12

T.D. 5,669'

Perforated 5-1/2" OD Casing from 5,660' to 5,695' with four Jet Shots per foot, total of 140 shots. Set 2-7/8" OD Tubing in Packer at 5,332'. Swabbed down from 5,640', recovering total of 33 barrels fluid.

Acid Job No. 1 through perforations 5,660' to 5,695'. Halliburton pumped 3,000 gallons Regular Acid, acid on formation at 3,000#. Pumped slow with 4,100#, broke to 3,000#, decreased to 2,800#. Maximum pressure 4,100#, minimum pressure 2,000#, Static 1,900#. Swabbed back displacement oil, acid water and some gas.

Set Baker Cement Retainer at 5,646'. Squeezed 200 sacks Regular Cement through perforations 5,660' to 5,695'. Fifty barrels Carnotite mixed with the 200 sacks cement. Maximum pressure 6,000#. Went in with bit and drilled Retainer and cement to 5,698'.

Reperforated 5-1/2" OD Casing with four Jet Shots per foot from 5,660' to 5,680'. Set Packer at 5,335'. Ran 2-7/8" tubing and set in Packer. Swabbed 66-1/2 barrels oil and 79 barrels water in 12 hours. Swabbed and flowed 409 barrels oil and 221 barrels water in 10 days. Shut in installing pumping equipment.

OCT 19 1957

September 11, 1958

Pure Oil Company
P. O. Box 1597
Billings, Montana

Re: Well No. Aneth 28-D 2,
Sec. 28, T. 40 S, R. 24 E,
SLBM, San Juan County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well has not as yet been filed with this office as required by Rule C-5, of our rules and regulations.

Please complete the enclosed Forms OGCC-3, Log of Oil or Gas Well, in duplicate, and forward them to this office as soon as possible.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:co

Encls. (Forms OGCC-3)

October 22, 1958

M. 14
10-31

The Pure Oil Company
1700 Broadway
Denver 2, Colorado

Re: Well No. Aneth 28-D 2,
28-40S-24E, SLBM,
San Juan County, Utah

Gentlemen:

With reference to our letter of September 11, 1958, please be advised that as of this date we have not received the well log for the above mentioned well, as required by our rules and regulations.

It would be greatly appreciated if the enclosed Forms OGCC-3, Log of Oil or Gas Well, could be completed and forwarded to this office as soon as possible.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:co

Encl.

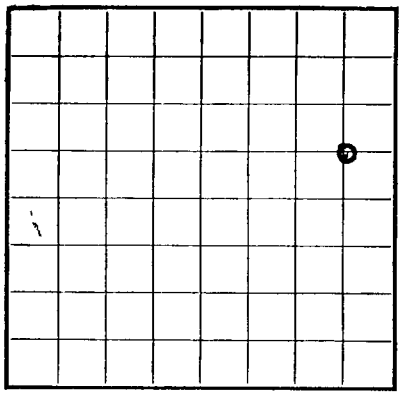
Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

71-14
10-31



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company The Pure Oil Company Address 1700 Broadway - Denver 2, Colorado

Lease or Tract: Tract 164 Field Aneth State Utah

Aneth
Well No. 28-D2 Sec. 28 T. 40S R. 24E Meridian Salt Lake County San Juan

Location 2080 ft. [S.] of N Line and 560 ft. [W.] of E Line of Sec. 28 Elevation 4759' KB 4748' Gr.
(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 [signature]

Date October 27, 1958 Title Division Chief Production Clerk

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

Commenced drilling June 15, 1957 Finished drilling August 1, 1957

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5660' to 5680' 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 From—	Perforated To—	Purpose
13-3/8"	48#	8-R	SS	22'	Coupling				Cemented to surface.
9-5/8"	36#	8-R	SS	1237'	Float				Cemented to surface.
7"	20#&23#	8-R	SS	5654'	Float				
5"	15#	8-R	SS	5869'	Float		5660'	5680'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	22'	50 sx.	Halliburton		
9-5/8"	1237'	500 sx.	Halliburton		
7"	5654'	400 sx.	Halliburton		
5"	5869'	60 sx.	Halliburton		

W

MARK

PLUGS AND ADAPTERS

5"	5869'	60 sx.	Halliburton		

FOLD

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 Zero feet to 5869' feet, and from ..... feet to ..... feet

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

DATES

....., 19..... Put to producing October 9, ..., 19 57

The production for the first 24 hours was 194 barrels of fluid of which 99.7 % was oil; - % emulsion; .3 % water; and - % sediment. Gravity, °Bé. 41.0

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. -

EMPLOYEES

....., Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	68'	68'	Surface.
68'	3738'	3670'	Sandy shale.
3738'	3977'	239'	Shale.
3977'	4131'	154'	Shale and anhydrite.
4131'	5355'	1224'	Lime and shale.
5355'	5452'	97'	Lime.
5452'	5602'	150'	Lime and chert.
5602'	5654'	52'	Lime and shale.
5654'	5704'	50'	Core No. 1 - See reverse side.
5704'	5722'	18'	Core No. 2 - See reverse side.
5722'	5752'	30'	Core No. 3 - See reverse side.
5752'	5765'	13'	Core No. 4 - See reverse side.
5765'	5796'	31'	Core No. 5 - See reverse side.
5796'	5846'	50'	Core No. 6 - See reverse side.
5846'	5869'	23'	Shale and anhydrite.
		5869'	TOTAL DEPTH

[OVER]

At the end of complete Driller's Log, add Geologic Tops. State whether from Electric Logs or samples.

W

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

Core No. 1 5654' to 5704' Cut 50' Rec. 49'

4' - Dense lime.
8' - Vuggy lime, vugs to 1/4" in size, show of oil and gas.
5' - Scattered vuggy porosity, show of oil and gas.
1' - Dense lime.
1' - Scattered vuggy limestone.
5' - Dense lime.
2' - Lime with good oolitic porosity, bleeds oil and gas, salty taste.
7' - Dense lime.
1' - Fair vuggy porosity, bleeding oil and gas.
15' - Dense lime.

Core No. 2 5704' to 5722' Cut 18' Rec. 17'

6' - Dense lime with some bleeding along vertical fractures.
1' - Scattered vuggy porosity, bleeding slightly (oil).
2' - Small buggy to pinpoint porosity, bleeding oil and gas, salty taste.
2' - Dense lime.
4' - Fairly good vuggy porosity, some large vugs, many anhydrite inclusions, bleeding oil and gas, tastes salty.
2' - Dense lime.

Core No. 3 5722' to 5752' Cut 30' Rec. 30'

1' - Limestone, gray xyln, dense.
2.5' - Scattered small vugs, porous, bleeding oil.
1' - Dense limestone.
1' - Scattered bugs, bleeding oil.
15' - Limestone, xyln, dense.
3' - Scattered pinpoint porosity, bleeding oil.
1' - Dense limestone.
1.5' - Dense limestone bleeding oil and fractures.
4' - Dense gray syln limestone.

Core No. 4 5752' to 5765' Cut 13' Rec. 13'

2.5' - Xyln limestone.
2.5' - Limestone, scattered pinpoint porosity, some bleeding, tastes salty.
1' - Xyln limestone.
4' - Poor vuggy porosity bleeding oil and gas, tastes salty.
1' - Gray xyln limestone.
1' - Vuggy limestone, looks wet.
1' - Gray xyln limestone.

Core No. 5 5765' to 5796' Cut 31' Rec. 31'

2' - Limestone with very slight bleeding and poor pinpoint porosity, bleeding oil and salt water.
1' -Gray dense to xyln limestone with stylolite, bleeding oil and salt water from horizontal fractures.
13' - Vugular porosity, small to large vugs bleeding oil and salt water, mostly salt water.
1' - Dense limestone to xyln with stylolite.
2' - Vugular porosity, bleeding salt water.
2.5' - Dense limestone.
9.5' - Vugular porosity, large vugs up to 1/4" in size, vertical fractures bleeding salt water.

HISTORY OF OIL OR GAS WELL

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

Core No. 6 5796' to 5846' Cut 50' Rec. 49.5'

5.5' - Dolomitic limestone with anhydrite inclusions, vuggy porosity, bleeding salt water.
4.5' - Gray xyln limestone, no show.
8' - Dolomite, no show.
3' - Dolomite with fair vuggy porosity, tastes salty, with anhydrite inclusions.
16' - Dolomite, no show.
12.5' - Black shale.

IMPORTANT MARKERS (Electric Log Tops)

Chinle	1593'	(+3166')
Shinarump	2660'	(+2099')
Organ Rock	2840'	(+1919')
Hermosa	4662'	(+ 97')
Paradox	5489'	(- 730')

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

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 [X] gas well [ ] other

2. NAME OF OPERATOR
Texaco Inc.

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

4. LOCATION OF WELL (Report location clearly. See space 17 below.)
AT SURFACE Sec. 28
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
H-228

10. FIELD OR WILDCAT NAME
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28, T40S, R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4759' 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	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[X]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]
(other)		

(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.)*

Texaco Inc. plans to perforate additional Ismay pay and acidize all perforations in Aneth Unit H228. All work will be done in accordance with USGS and UOGCC regulations. Proposed procedure will be as follows.

1. Pull pump, rods, and tubing.
2. Perforate 5614-5638 with 2 JSPF.
3. Acidize existing perforations, 5660-5680 with 2000 gals. 28% HCl.
4. Move uphole and acidize 5614-5638 with 2500 gals. 28% HCl.
5. Place well back on production.

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 Supt. DATE 1-1-82

(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 CDF ARM

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1/12/82
CB Feight

*See Instructions on Reverse Side

Printed in U. S. A.

FORM PO. 32 (9-71) 7!

DAILY DRILLING REPORT

Denver - Farmington District DIVISION

AS OF 7 A.M. Feb. 6,7,8,9,10,11,12, ~~13,14,15,16,~~ 1982

LEASE	WELL NO.	COMMENCED DRILLING	SIZE AND DEPTH LAST STRING CASING SET	FORMATION AND REMARKS	DEPTH YESTERDAY	DEPTH TODAY
UTAH						
Aneth Unit Well No. Araphoe #2 Land File U-192650 GR elevation 4727' Est TD 5670' Est #4-15966	E236	12-12-81	5 1/2 5792'	2-6 : P24 hrs, 49 BO, 388 BW	5792' TD 5748' PBTD	
	Location: 1930 FNL 630' FWL Sec 36, T40S, R24E			2-7 : P24 hrs, 43 BO, 370 BW FL 3264 FOP.	5792' TD 5748' PBTD	
				FINAL REPORT 2-8 : Official Comp Gauge: P24 hrs, 40 BO, 350 BW GOR 1915, 84" SL, 13 SPM, 2" pump, SN @ 5588', gravity 41.2 @ 60° F Perfs: 5580-97', 5624-30', 5634-48', 5651-56' Formation: Desert Creek Completion Date: 2-8-82 DROPPING FROM REPORT	5792' TD 5748' PBTD	
				IDC WORKOVERS		
Aneth Unit Est #14402 Location: SE NE Sec 28, T40S, R24E San Juan Co., Utah	H228	6-15-57	7"	2-6 : P16 hrs, no test.	5869' TD 5838' PBTD	
				2-7 : P16 hrs, 13 BO, 22 BW FL 650 FOP.	5869' TD 5838' PBTD	
				2-8 : P24 hrs, 6 BO, 3 BW GOR 1033.	5869' TD 5838' PBTD	
				2-9 : P24 hrs, 2 BO, 9 BW FL 278 FOP.	5869' TD 5838' PBTD	
				2-10: P24 hrs, 22 BO, 48 BW 1193 GOR.	5869' TD 5838' PBTD	
				FINAL REPORT 2-11: P24 hrs, 12 BO, 20 BW FL 647 FOP Purpose of WO: Open additional perfs Perfs: 5660-80' Prod. Before WO: 2 BO, 4 BW Prod. After WO: 12 BO, 20 BW SUCCESSFUL Completion Date: 2-11-82 DROPPING FROM REPORT	5869' TD 5838' PBTD	

RECEIVED
FEB 19 1982
DIVISION OF
OIL, GAS & MINING

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

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 [X] gas well [ ] other

2. NAME OF OPERATOR
Texaco Inc.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2080' FNL & 560' FEL Sec. 28
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
14-20-603-2056

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
H-228

10. FIELD OR WILDCAT NAME
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 28, T40S, R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4759' 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	[ ]		[ ]
FRACTURE TREAT	[ ]		[ ]
SHOOT OR ACIDIZE	[ ]		[X]
REPAIR WELL	[ ]		[ ]
PULL OR ALTER CASING	[ ]		[ ]
MULTIPLE COMPLETE	[ ]		[ ]
CHANGE ZONES	[ ]		[ ]
ABANDON*	[ ]		[ ]
(other)			

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

RECEIVED
FEB 22 1982
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.)*

2-2-82 MIRUSU. TOOH w/tubing, pump, & rods. Ran GR/CCL correlation log. Perfd. w/2JSPF the interval 5616-5640' KB. Wireline PBTD-5685'KB, top of 5" liner found at 5350' KB. TIH w/tubing & packer. Set packer at 5646'KB. Pumped into perfs and communication was found with Ismay. Raised packer and reset at 5583'KB. Acidized all perfs w/1000 gals. 28% HCl followed by 1000 gals. produced water flush w/ surfactant. Finished pumping 3500 gals. 28% NE-HCl w/surfactant & iron sequestering agent. Avg. pressure 2600 psi@5BPM. ISIP 0 psi. Swabbed to Clean Up & placed well back on production.

PRODUCTION BEFORE WORKOVER-2 BOPD/4 BWPD
PRODUCTION AFTER WORKOVER -10 BOPD/18 BWPD

Subsurface Safety Valve: Manu. and Type _____ @ _____ Ft.

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

SIGNED Alvin R. Mary TITLE Field Supt. DATE 2-16-82

(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. CDP ARM

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

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, Colorado 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2080' FNL & 560' FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
14-20-603-2056

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
H228

10. FIELD OR WILDCAT NAME
Aneth

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

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4759' 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	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	☐
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Convert to water inj.		

(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.)*

Texaco Inc. plans to convert Aneth Unit H228 from oil producing to water injection. All work will be done in accordance with MMS and UOGCC regulations. Proposed procedure is as follows:

1. Pull production equipment and drill out to 5740' KB.
2. Perforate 5680-84 5696-5704, 5708-24 with 4 JSPF.
3. Run 2 3/8" plastic-coated tubing and 5" double grip retrievable packer. Set packer at 5590' KB and inhibit tubing-casing annulus.
4. Place well on injection.
5. Run tracer survey after injection rate stabilizes and acidize if necessary.

In addition, a 3120' injection line (2 7/8" cmt-lined steel) will be laid from H228 to a line near H421.

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 Supt. DATE 06-15-82

(This space for Federal or State office use)

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

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

*See Instructions on Reverse Side

TEXACO INCORPORATED

SURFACE USE AND OPERATIONS PLAN

INJECTION LINE CONSTRUCTION

FOR 19 WELL CONVERSION PROJECT

ANETH UNIT

SAN JUAN COUNTY, UTAH

1. EXISTING ROADS (SEE ATTACHED MAP)

Existing lease roads will be used to reach the areas of construction from a point on State Highway 262. No improvements will be required.

2. PLANNED ACCESS ROADS

No new access roads will be constructed.

3. LOCATION OF WELLS, PROPOSED INJECTION LINES, AND EXISTING INJECTION LINES (SEE ATTACHED MAP)

4. LOCATION AND TYPE OF WATER SUPPLY

Water for injection will be supplied from the Aneth Unit water injection plant located in Section 22, T40S, R24E, San Juan County, Utah.

5. SOURCE OF CONSTRUCTION MATERIALS

Native soils will be utilized for backfilling all ditches.

6. METHODS FOR HANDLING WASTE DISPOSAL

Waste will be hauled from the construction site.

7. PLANS FOR RESTORATION OF THE SURFACE

The ditches for the water injection lines will be backfilled, contoured, and seeded. Construction will begin upon approval and work will proceed diligently through completion of the restoration activities. All cleanup and restoration activities shall be done and performed in a workmanlike manner and in strict conformity with this Surface Use Plan.

8. OTHER INFORMATION

The injection line will be 2 7/8" OD cement-lined, coated, and wrapped steel pipe. The clearing for any right-of-way will not exceed 20'. All pipe will be doped, wrapped, and buried. Vegetation in the area consists mainly of rabbitbrush, speargrass, and prickly pear.

9. LESSEE'S OR OPERATOR'S REPRESENTATIVE

A. R. Marx
Texaco Incorporated
P. O. Box EE
Cortez, Colorado 81321

Telephone: (303) 565-8401

10. CERTIFICATION

I hereby certify that I, or persons directly under my supervision, have inspected the construction site and access road; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by a reliable contractor in conformity with this plan and the terms and conditions under which it is approved.

A. R. Marx
Four Corners General Superintendent
Texaco Incorporated

May 24, 1982
DATE

ARM:jdr

G128, NW NW, Sec. 28, T40S, R24E----------Approx. 1200'

G415, NW SW, Sec. 15, T40S, R24E---------- " 1440'

H228, NE SE, Sec. 28, T40S, R24E---------- " 3120'

G122, NE NW, Sec. 22, T40S, R24E---------- " 1080'

H422, SE SE, Sec. 22, T40S, R24E---------- " 960'

F114, NE NW, Sec. 14, T40S, R24E---------- " 3360'

E136, NW NW, Sec. 36, T40S, R24E---------- " 2640'

E326, NW SW, Sec. 26, T40S, R24E---------- " 1200'

G136, NW NE, Sec. 36, T40S, R24E---------- " 2040'

H236, SE NE, Sec. 36, T40S, R24E---------- " 3360'

K230, SE NW, Sec. 30, T40S, R25E---------- " 240'

K430, SE SW, Sec. 30, T40S, R25E---------- " 2400'

M230, SE NE, Sec. 30, T40S, R25E---------- " 840'

G325X, NW SE, Sec. 25, T40S, R24E--------- " 2900'

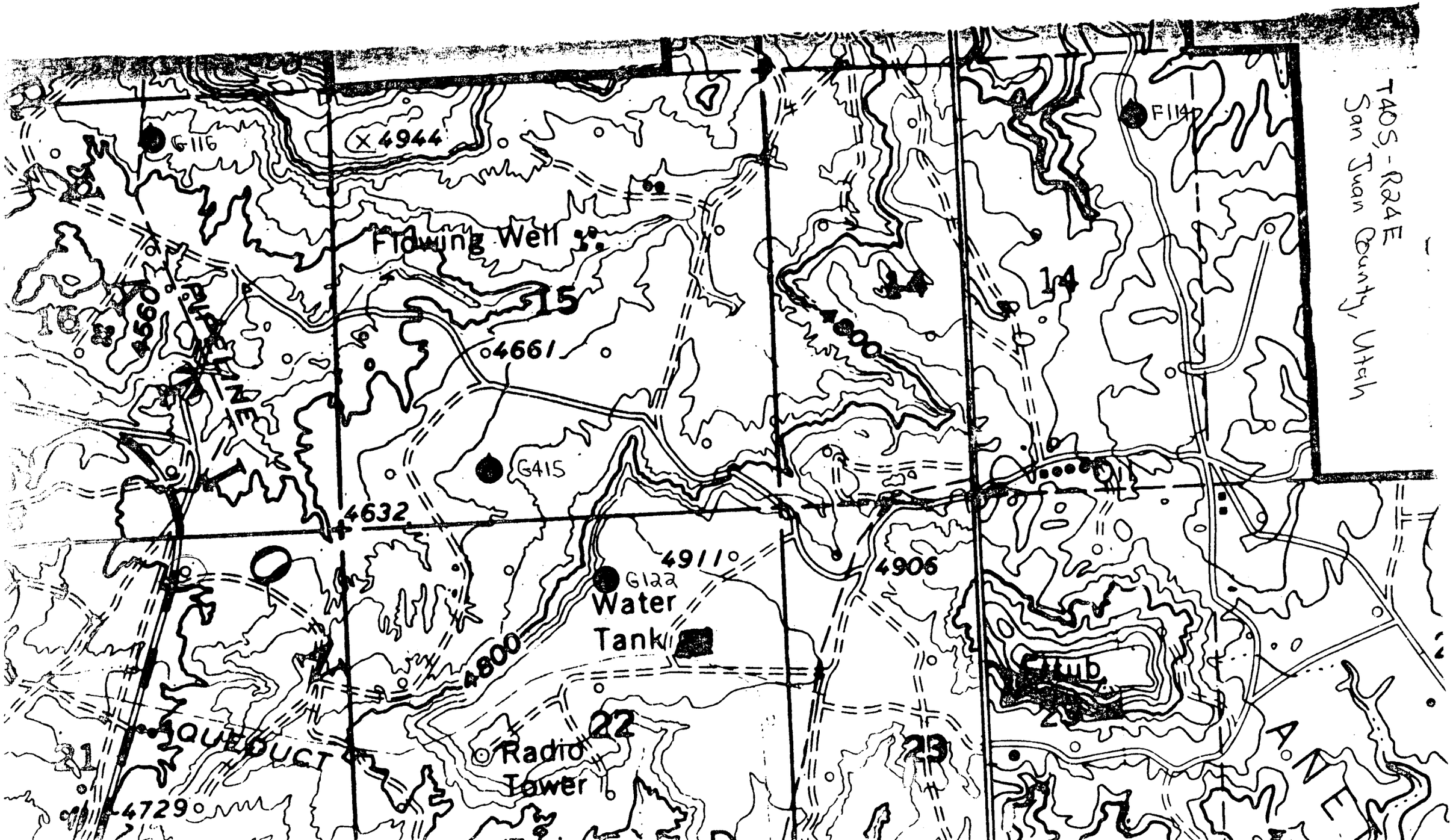
J129, NW SW, Sec. 29, T408, R25E---------- " 1440'

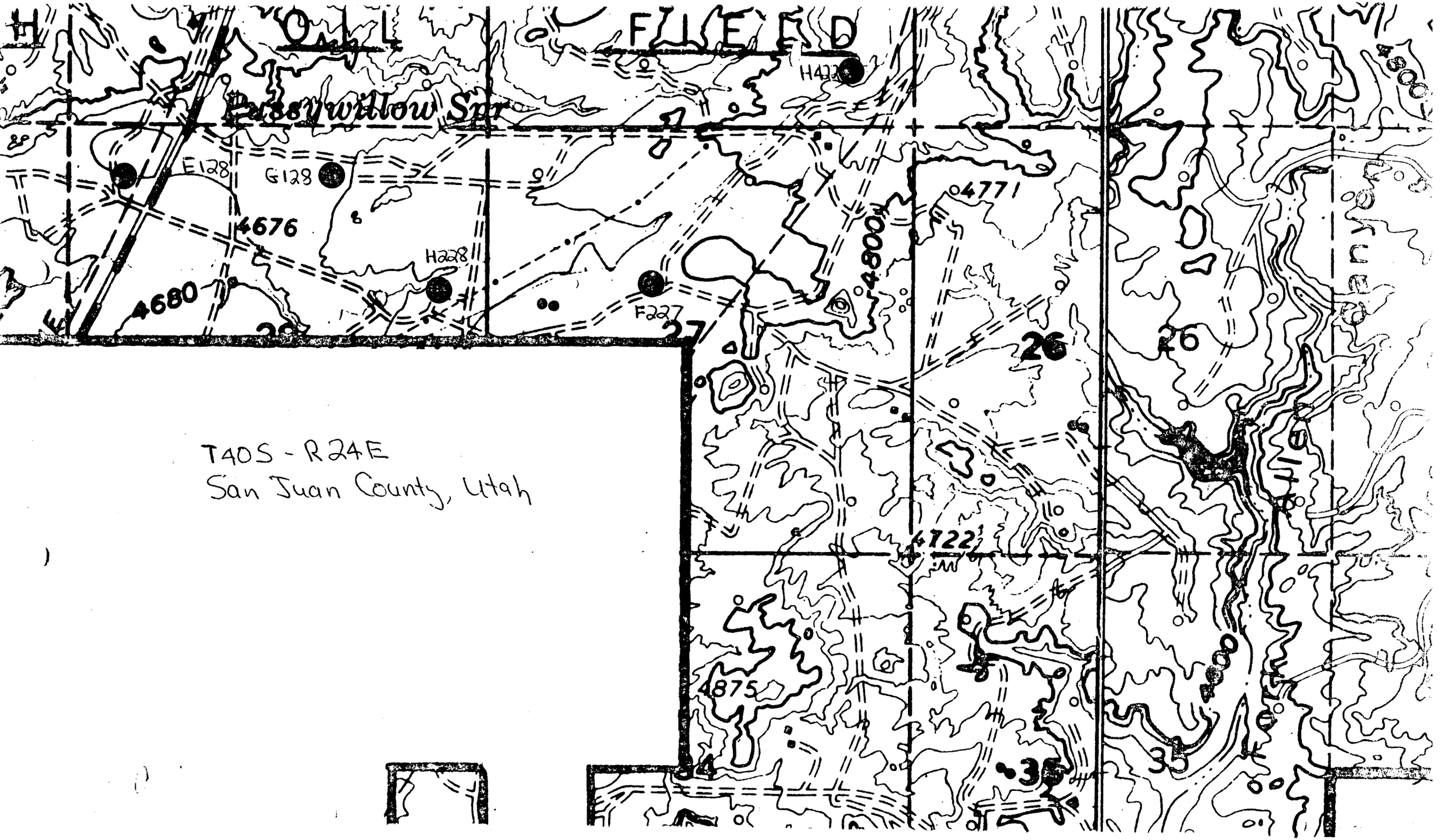
J131, NW NW, Sec. 31, T40S, R25E---------- " 3360'

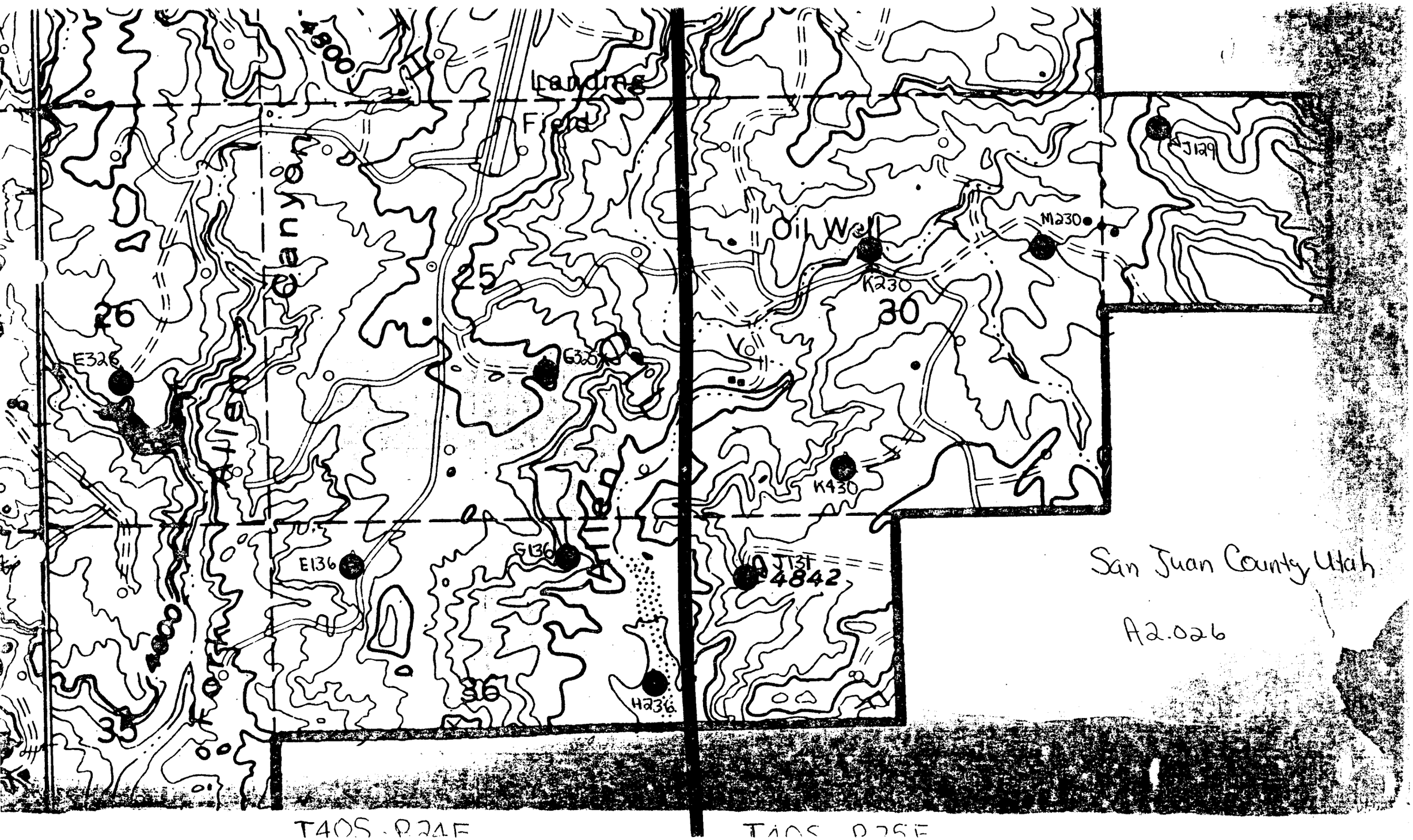
G116, NW NE, Sec. 16, T40S, R24E---------- " 360'

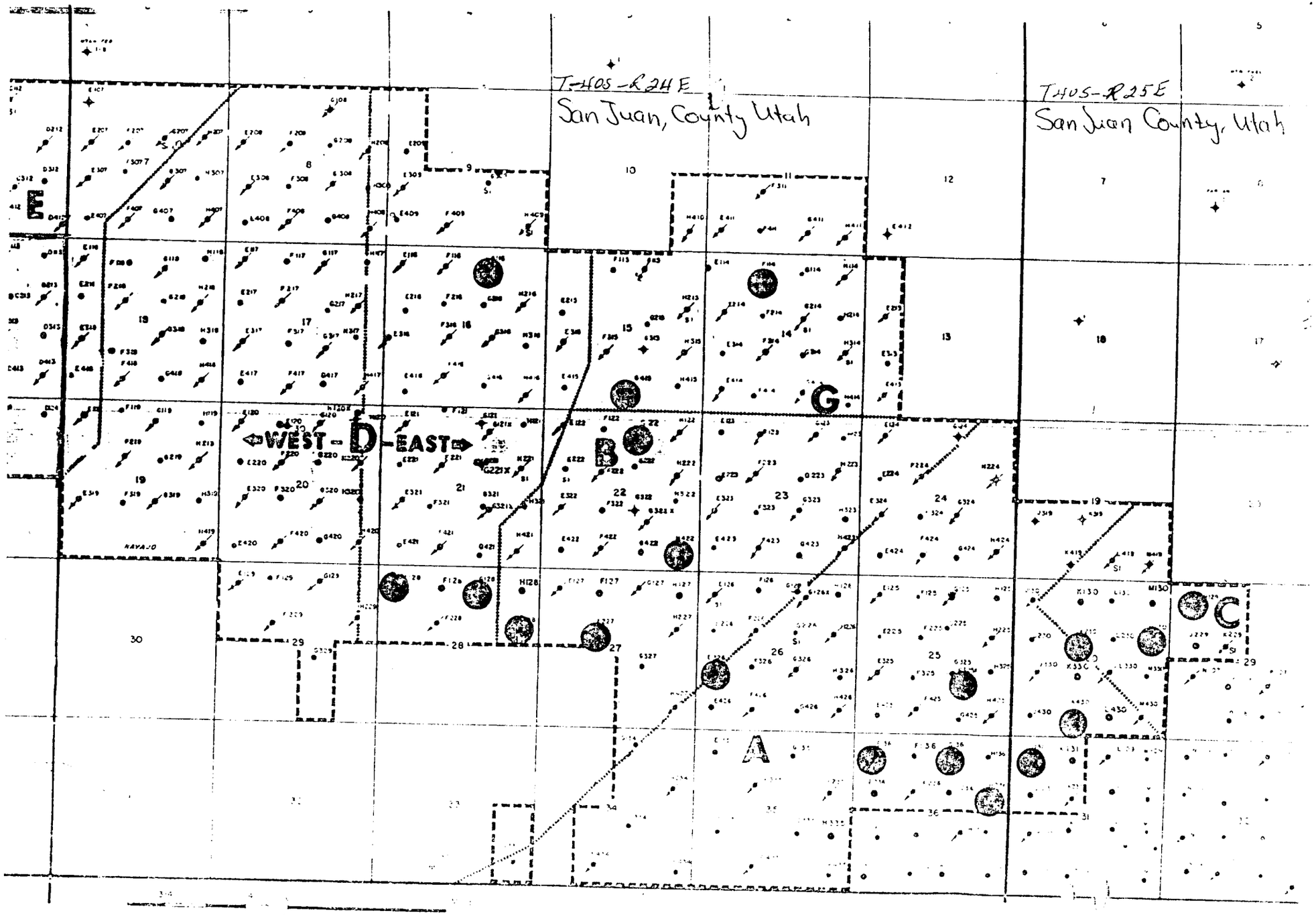
F227, SE NW, Sec. 27, T40S, R24E---------- " 2400'

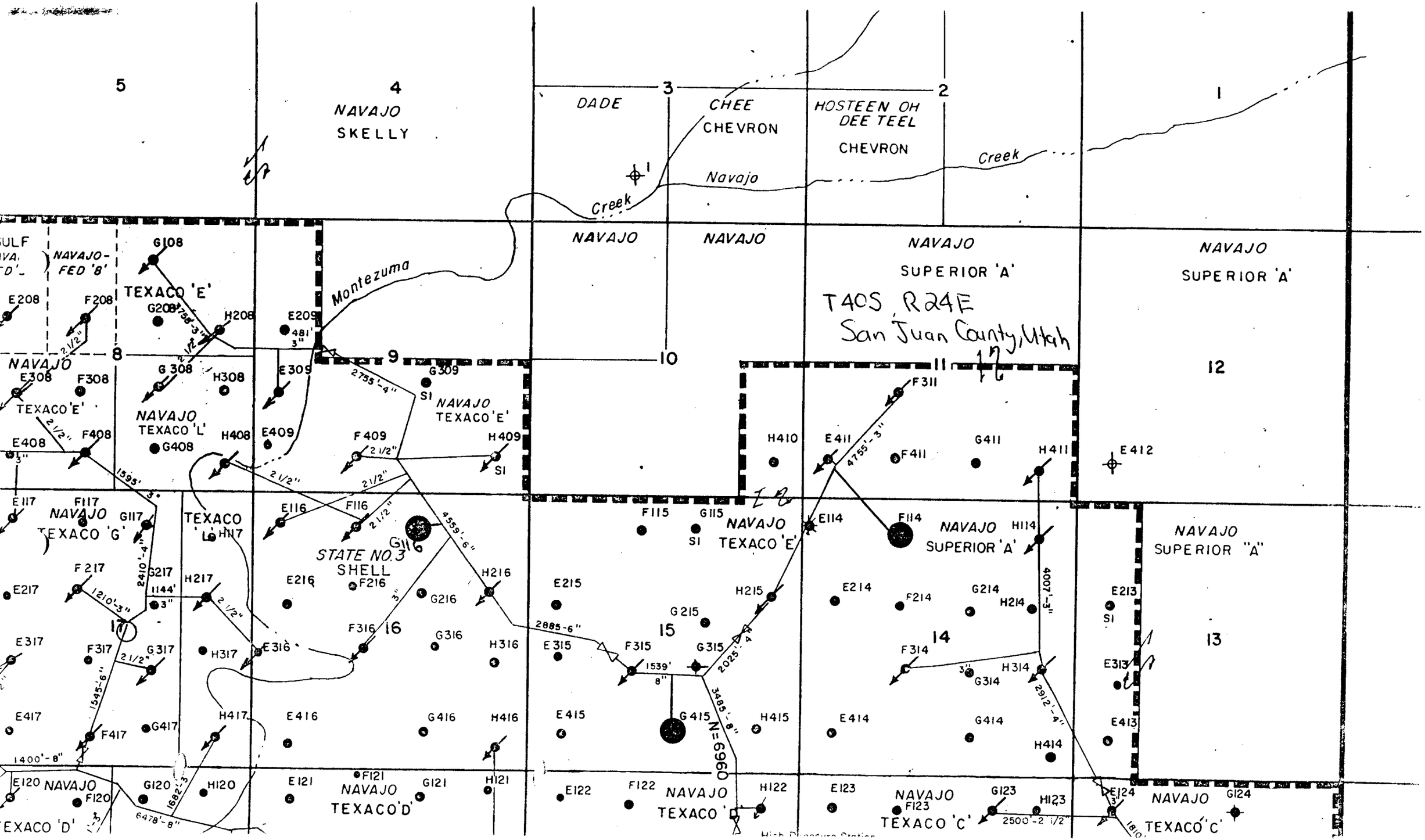
E128, NW NW, Sec. 28, T4oS, R24E---------- " 1600'

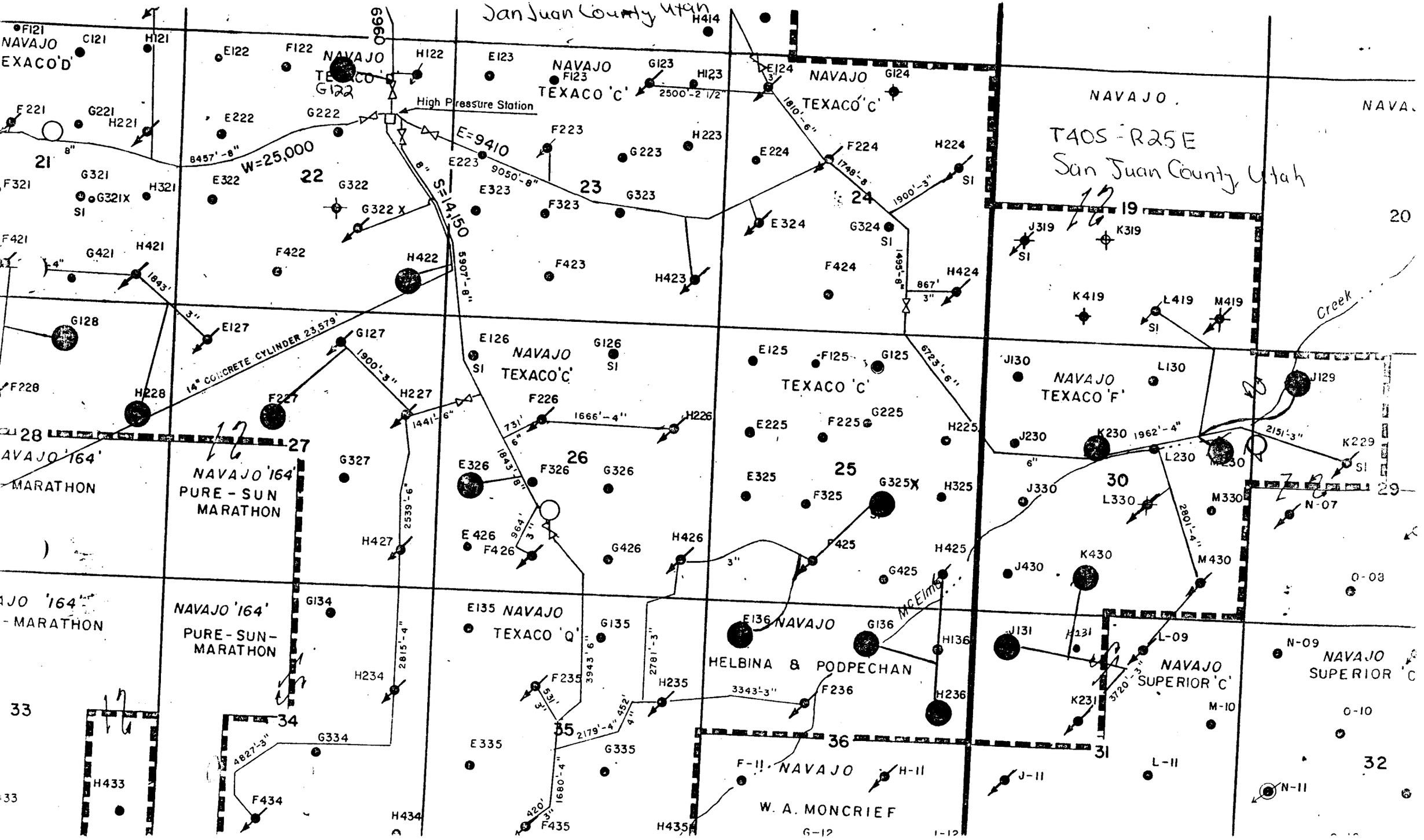

T40S-R24E
San Juan County, Utah
G116
4944
Flowing Well
15
14
16
4560
4661
4800
F114
G415
4632
4911
G122
Water
Tank
4906
Club
4800
22
23
21
Radio
Tower
4729

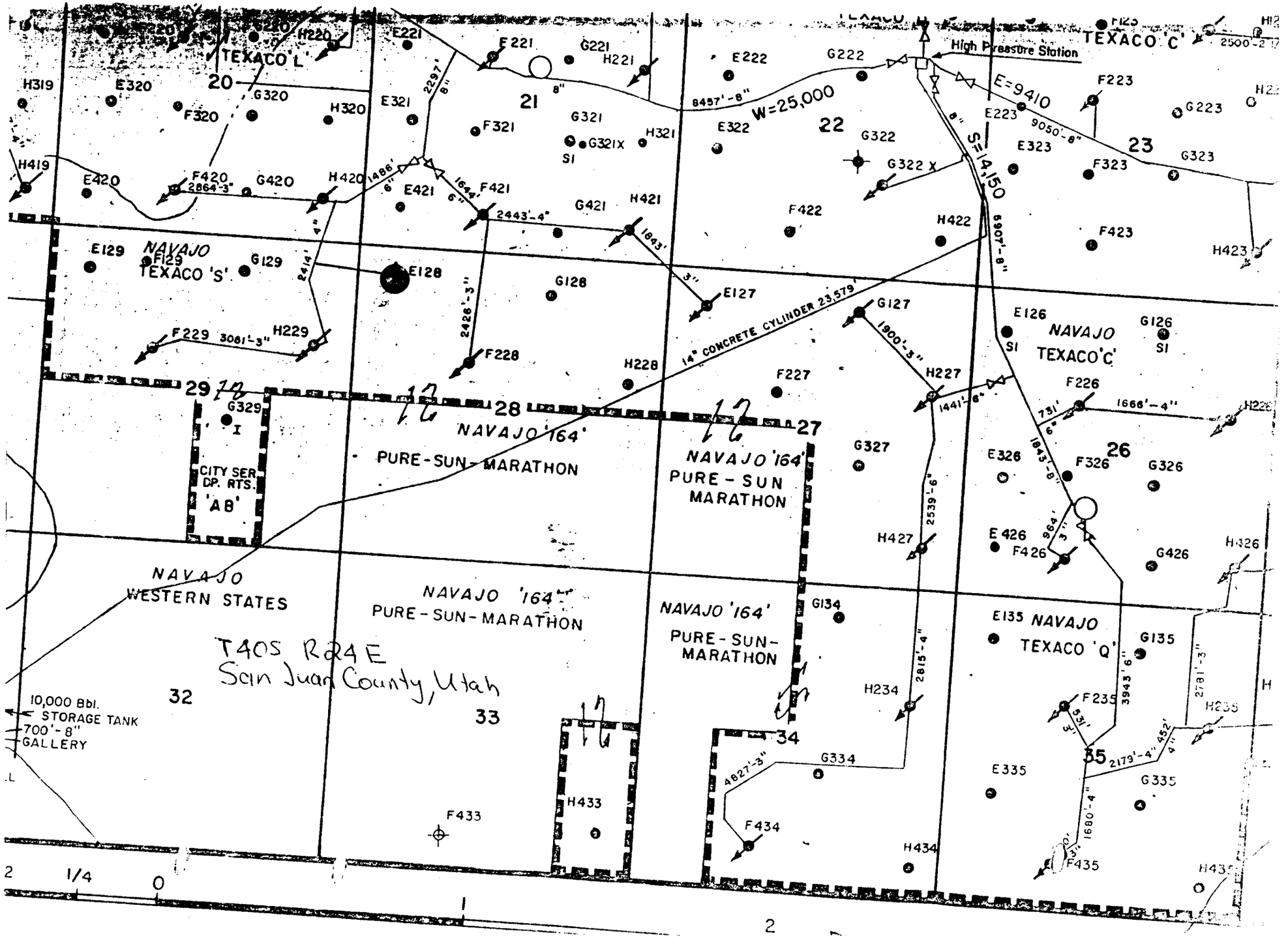

Oil FILED
Pussywillow Spr
E128
G128
4676
H228
4680
F227
37
4800
4771
26
25
4722
4875
36
35
T40S - R24E
San Juan County, Utah


Landing
Field
Canyon
Oil Well
4800
26
25
30
35
36
E326
G326
K230
M230
J129
K430
E136
G136
H236
J131
4842
San Juan County Utah
A2.026
T40S R24E
T40S R25E


T-40S-R24E
San Juan, County Utah
T40S-R25E
San Juan County, Utah
WEST
EAST
D
B
G
A
C
E
NAVAJO


T40S, R24E
San Juan County, Utah
5
4
NAVAJO
SKELLY
DADE
3
CHEE
CHEVRON
HOSTEEN OH
DEE TEEL
CHEVRON
2
1
Navajo
Creek
Montezuma
NAVAJO
NAVAJO
NAVAJO
SUPERIOR 'A'
NAVAJO
SUPERIOR 'A'
NAVAJO-
FED '8'
TEXACO 'E'
8
9
10
11
12
NAVAJO
TEXACO 'E'
NAVAJO
TEXACO 'L'
NAVAJO
TEXACO 'E'
NAVAJO
TEXACO 'G'
TEXACO
'L'
STATE NO. 3
SHELL
NAVAJO
TEXACO 'E'
NAVAJO
SUPERIOR 'A'
NAVAJO
SUPERIOR "A"
17
16
15
14
13
N=6960
NAVAJO
TEXACO 'D'
NAVAJO
TEXACO 'D'
NAVAJO
TEXACO
NAVAJO
TEXACO 'C'
NAVAJO
TEXACO 'C'
High Pressure Station


San Juan County Utah
T40S - R25E
San Juan County Utah
NAVAJO TEXACO 'D'
NAVAJO TEXACO 'C'
NAVAJO TEXACO 'F'
NAVAJO TEXACO 'Q'
NAVAJO 164' PURE-SUN MARATHON
NAVAJO 164' PURE-SUN-MARATHON
NAVAJO 164' MARATHON
NAVAJO HELBINA & PODPECHAN
NAVAJO W. A. MONCRIEF
NAVAJO SUPERIOR 'C'
NAVAJO SUPERIOR
High Pressure Station
W=25,000
E=9410
S=14,150
14" CONCRETE CYLINDER 23,579'
McElmo Creek
6960


TEXACO 'L'
TEXACO 'C'
High Pressure Station
E=9410
W=25,000
S=14,150
14" CONCRETE CYLINDER 23,579'
NAVAJO
TEXACO 'S'
NAVAJO
TEXACO 'C'
NAVAJO '164'
PURE-SUN-MARATHON
NAVAJO '164'
PURE-SUN
MARATHON
CITY SER.
DP. RTS.
'AB'
NAVAJO
WESTERN STATES
NAVAJO '164'
PURE-SUN-MARATHON
NAVAJO '164'
PURE-SUN-
MARATHON
NAVAJO
TEXACO 'Q'
T40S R24E
San Juan County, Utah
10,000 Bbl.
STORAGE TANK
700'-8"
GALLERY
20
21
22
23
26
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28
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32
33
34
35

TEXACO

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

June 16, 1982

U.S. Dept. of the Interior
Minerals Management Service
Drawer 600
Farmington, NM 87401

Attention: James Simms

Dear Sir,

Please refer to Texaco, Inc. attached Sundry Notices of Intent to Convert to Water Injection (forms 9-331). The following information should complete the applications for conversion as required by NTL-2B.

Approximately 33,500 BWPD is produced from the Ismay and Desert Creek members of the Pennsylvanian Paradox formation from approximately 180 producing wells and is combined with 28,500 BWPD of fresh make-up water, the total of which is then injected into the Ismay and Desert Creek formations through approximately 155 water injection wells. The latest analysis of injection water (4-21-82) revealed 81,500 ppm dissolved solids, 49,000 ppm Cl^- as NaCl, 340 ppm H_2S, and a pH value of 6.65. Original dissolved solids in the formations was approximately 250,000 ppm.

The wells are to have internally coated (Tubekote TK-75) tubing and retrievable injection packers. The tubing-casing annulus of each well is to be treated with 0.5 gallon per annular barrel of TC-6768A, a corrosion inhibiting chemical. Initial average injcetion at each well should be approximately 300-500 BWIPD at 1900-2200 psi WHP.

Radioactive injection surveys will be run on all conversions as injection rates and pressures stabilize. Thereafter, periodic surveys will be run to insure that the injected water is confined to the proposed injection interval. Casing pressures will be monitored to insure against tubing, packer, and/or casing leaks. In the event that excessive pressure is discovered in the annular space and cannot be bled-off, then the well will be shut-in until corrective action can be taken to repair the cause of the backside pressure.

The following downhole information is available for the subject wells:

TEXACO

F114

TD= 5866' KB PBTD= 5760' KB

10-3/4", 32.75#, H-40 casing set at 820'. Hole size = 13-3/4". Cemented with 420 sx reg cmt and pozmix w/ $CaCl_2$. Cement circulated to surface.

7", 20# & 23#, J-55 casing set at 5857'. Hole size = 9". Cemented w/ 900 sx reg and pozmix cmt. Cmt top at 2800'.

G116

TD= 5801' KB PBTD= 5598'KB

13-3/8", 48# casing set at 80'. Hole size = 17½". Cemented w/ 125 sx reg cmt w/ 2% $CaCl_2$; cmt circulated to surface.

8-5/8", 24# casing set at 1413'. Hole size = 11". Cemented w/ 800 sx of Lite and reg cmt w/ 2% $CaCl_2$; Cmt top unknown.

5-1/2", 14# & 15.5# casing set at 5725'. Cemented in two stages as follows: First stage volume was 300 sx reg cmt w/ 6¼# Gilsonite, 7# salt, ½# mud-kill, and 3/4% CFR-2; Second stage volume was 350 sx Lite and reg cmt. First stage cmt top unknown. Second stage cmt top circulated to surface.

F227

TD= 5882' KB PBTD= 5693' KB

16" casing set at 42'. Hole size = 20". Cement volume, cement top, and casing weight unknown.

10-3/4" casing set at 1221'. Hole size = 12¼". Cement volume and top unknown. Casing weight unknown.

5-1/2", 15.5# casing set at 5880'. Hole size = 7-7/8". Cemented w/ 500 sx reg cmt; cmt top unknown.

H228

TD= 5869' KB PBTD= 5685' KB

13-3/8" casing set at 92'. Casing weight, cement volume, and cement top unknown. Hole size unknown.

9-5/8" casing set at 1237'. Casing weight, cement volume, and cement top unknown. Hole size unknown.

7" casing set at 5654'. Hole size = 8-3/4". Cement volume, cement top, and casing weight unknown.

5", 15# casing set at 5869'. Cemented w/ 60 sx reg cmt. Cement top unknown.

Notice of publication etc. in file Aneth (F227) Sec. 27, T40S, R24E

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-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 Unit H228 WELL
SEC. 28 TWP. 40S RANGE 24E
San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐

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: Aneth Unit	Well No.: H228	Field: Aneth	County: San Juan
Location of Enhanced Recovery Injection or Disposal Well: SE¼-NE¼	Sec. 28	Twp. 40S	Rge. 24E
New Well To Be Drilled: Yes ☐ No ☒	Old Well To Be Converted: Yes ☒ No ☐	Casing Test: Yes ☐ No ☒ Date _____	
Depth-Base Lowest Known Fresh Water Within ½ Mile: 1560'	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES ☒ NO ☐	State What: OIL & GAS	
Location of Injection Source(s): Aneth Unit Producing wells, San Juan River	Geologic Name(s) and Depth of Source(s): Desert Creek & Ismay ±5600		
Geologic Name of Injection Zone: Paradox, Ismay & Desert Creek	Depth of Injection Interval: 5616 to 5724		
a. Top of the Perforated Interval: 5616'	b. Base of Fresh Water: 1560'	c. Intervening Thickness (a minus b): 4056'	

Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO

Lithology of Intervening Zones: sandstone, limestone, anhydrite w/ intermittent shale layers

Injection Rates and Pressures
Maximum 500 B/D
2200 PSI

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent
The Navajo Tribe
Box 146
Window Rock, Arizona

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 18th day of June, 19 82

SEAL

My commission expires 1/7/84

Jo G. Walther
Notary Public in and for Colorado
925 S. Broadway, Cortez, Co. 81321

(OVER)

FORM DOGM-UIC-1 (continued)

INSTRUCTIONS

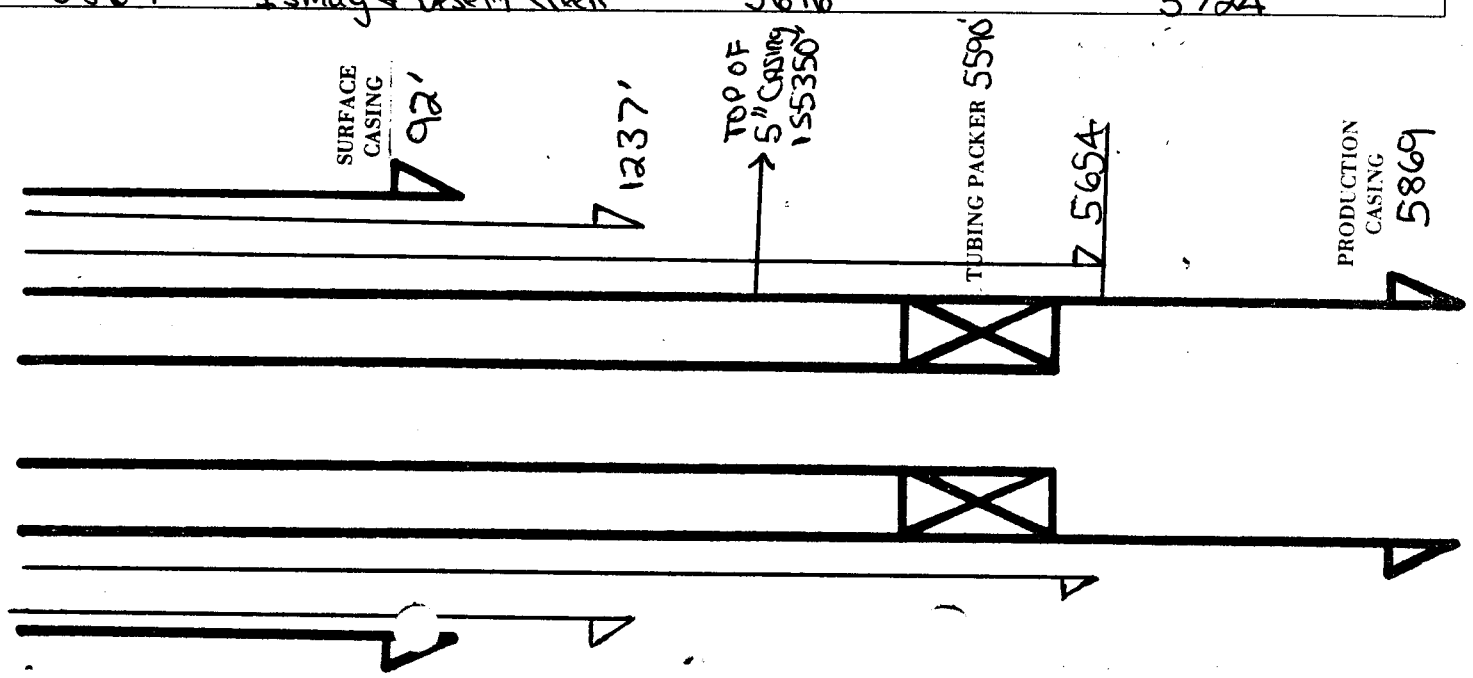
1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8"	92'	Not Avail.	Not Available	—
	9 5/8"	1237'	Not Avail.	Not Avail.	—
Intermediate	7"	5654'	Not Avail.	Not Avail.	—
Production	5"	5869'	60 sx	Unknown	Note: Top of 5" Casing is 5350'
Tubing	2 3/8"	5590'	Name - Type - Depth of Tubing Packer: 5" Double grip retrievable Plastic Coated - 5590		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
5869'	Ismay & Desert Creek	5616	5724

SKETCH - SUB-SURFACE FACILITY



FORM DOGM-UIC-2
(Rule I-5 (b) 2

PLEASE TYPE OR USE BLACK INK ONLY

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

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

API NO

640 Acres
N
W E
S
Locate Well Correctly and Outline Lease

COUNTY San Juan SEC. 28 TWP. 40S RGE. 24E
COMPANY OPERATING Texaco Inc.
OFFICE ADDRESS P.O. Box EE
TOWN Cortez, STATE ZIP Colo. 81321
FARM NAME Aneth Unit WELL NO. H228
DRILLING STARTED 6-15 1957 DRILLING FINISHED 8-1 1957
DATE OF FIRST PRODUCTION 8-21-57 COMPLETED 8-21-57
WELL LOCATED SE ¼ SE ¼ NE ¼
560 FT. FROM SL OF ¼ SEC. & 2080 FT. FROM WL OF ¼ SEC.
ELEVATION DERRICK FLOOR 4758 GROUND 4748

TYPE COMPLETION
Single Zone Desert Creek Order No.
Multiple Zone Order No.
Comingled 2-2-82 Ismay Completed Order No.
LOCATION EXCEPTION Order No. Penalty

OIL OR GAS ZONES

Name	From	To	Name	From	To
Ismay	5490	5640			
Desert Creek	5656	5724			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
13 3/8"	NA	NA	92'	NA	NA	NA	NA
9 5/8"	NA	NA	1237'	NA	NA	NA	NA
7"	NA	NA	5654	NA	NA	NA	NA
5"	15#	NA	5869	NA	60	NA	NA

TOTAL DEPTH 5869

PACKERS SET DEPTH None at present

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Desert Creek	Ismay	
SPACING & SPACING ORDER NO.	40 ACRE	40 ACRE	
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	OIL WELL	OIL WELL	
PERFORATED	5660-95	5616-40	
INTERVALS	w/2JSPF	w/2JSPF	
ACIDIZED?	3000 gals Reg HCl	4500 gals 28% HCl	
FRACTURE TREATED?	NO.	NO	

INITIAL TEST DATA

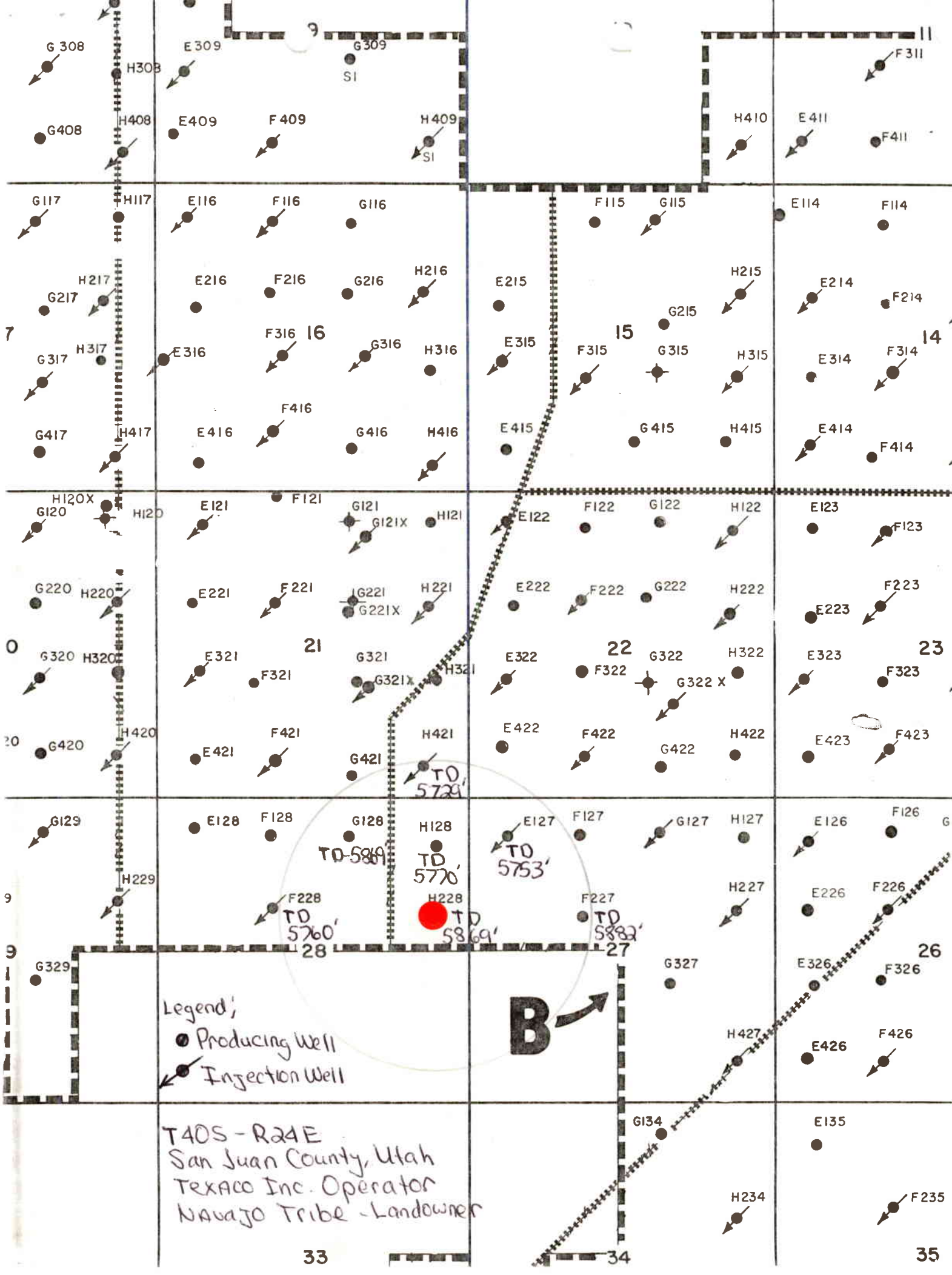
		*Tested w/ Desert Creek	
Date	10-9-57	2-2-82	
Oil. bbl./day	193 BOPD	10 BOPD*	
Oil Gravity	41.0	NA	
Gas. Cu. Ft./day	— CF	NA CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	—	NA	
Water-Bbl./day	0 BWPD	18 BWPD	
Pumping or Flowing	Pumping	Pumping	
CHOKE SIZE	NA	NA	
FLOW TUBING PRESSURE	NA	NA	

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 Alvin R. Mary Field Sup't.
Name and title of representative of company

State of Colorado,
County of Montezuma
Subscribed and sworn before me this 18th day of June, 1982.
Jo A. Walther
925 S. Broadway, Cortez, Co. 81321
My Commission expires 1/7/84


9
11
G308
H308
E309
G309
SI
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G408
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E411
F411
G117
H117
E116
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F115
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G317
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E316
G417
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H120X
G120
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TD 5729'
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F423
G129
E128
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G128
TD 5861'
H128
TD 5770'
E127
TD 5753'
F127
G127
H127
E126
F126
H229
F228
TD 5760'
H228
TD 5869'
F227
TD 5882'
H227
E226
F226
9
28
27
26
G329
G327
E326
F326
Legend;
Producing Well
Injection Well
B
H427
E426
F426
T40S - R24E
San Juan County, Utah
Texaco Inc. Operator
Navajo Tribe - Landowner
G134
E135
H234
F235
33
34
35

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

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 [X] gas well [ ] other

2. NAME OF OPERATOR
Texaco Inc.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2080'FNL & 560'FEL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
14-20-603-2056

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
H-228

10. FIELD OR WILDCAT NAME
Aneth

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 28, T40S, R24E

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

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4759'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	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]
(other) Convert to water Inj.		subsequent X

(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.)*

2-10-83 MIRUSU - Pulled rods, pump & tubing. Ran bit and scraper. Cleaned out to 5743'KB. Rigged up and perforated 5680-84, 5696-5704, 5708-24, W/4JSPF. TIH w/packer and 2 3/8 PC tubing. Treated annulus w/corrosion inhibitor. Set packer at 5579'KB. Tested annulus to 1000#, held ok. Flanged up wellhead. RDMOSU - Put well on injection.

1000 BWIPD Tubing 400# Casing 0

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Alvin R. Mann TITLE Field Supt. DATE 2-22-83

(This space for Federal or State office use)

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

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

*See Instructions on Reverse Side

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RULE I-7 (d & e)

NOTICE OF (COMMENCEMENT) (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification: Date of Commencement/Termination 2/21/83

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name Aneth Unit H228

Location: Section 28 Twp. 40S Rng. 24E, County San Juan, Utah

Order No. authorizing Injection UIC-005 Date Sept 13, 1982

Zone into Which Fluid Injected Desert Creek and Ismay

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Terminition of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____

Operator Texaco Inc.

Address P.O. Box "EE" Cortez, Colorado 81321

MAR 1 1983
DIVISION OF
OIL, GAS & MINING

Alvin R. Mann
Signature

3-7-83
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

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, Colo. 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 2080'FNL & 560'FEL
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH:

5. LEASE: 14-20-603-2056
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo
7. UNIT AGREEMENT NAME: Aneth Unit
8. FARM OR LEASE NAME: Unit
9. WELL NO.: H228
10. FIELD OR WILDCAT NAME: Aneth
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 28, T40S, R24E
12. COUNTY OR PARISH: San Juan
13. STATE: Utah
14. API NO.:
15. ELEVATIONS (SHOW DF, KDB, AND WD): 4759'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	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	X
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other)		

RECEIVED
JUN 26 1984
DIVISION OF OIL GAS & MINING

(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.)*

5/4/84 - MIRUSU: Pulled tbg & pkr. TIH W/bit & scraper, cleaned out to 5743'KB. TOOH W/bit & scraper. Ran tbg & pkr, tested to 5577'KB. Tested tbg to 3000#, held. Spotted 500 gal 28% HCL across perfs & set pkr, let soak ½hr. Acidized 1st stage w/2600 gal 28% HCL, followed by 1000 gal prod. water & 750 gal TDA. Ave rate=2BPM @ 3000#. 2nd stage, 3100 gal, 28% HCL @ 1 BPM @ 2200#. 3rd stage, 2600 gal 28% HCL = 1BPM @ 2300PSI. Over displaced tbg w/10 bbls prod. water. SI over night, backflowed 90 bbls. fluid. TOOH w/tbg & pkr. Ran pkr on 2-3/8" PC tbg to 5579'KB. Inhibited annulus w/corrosion inhibitor. Set pkr at 5579'KB, Tested csg to 1000#, held. RDMOSU. put 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. Mary TITLE Field Supt. DATE 6/21/84

(This space for Federal or State office use)

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

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

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

RECEIVED
MAY 28 1991
DIVISION OF
OIL GAS & MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attached Listing

Field or Unit name: _____ API no. _____

Well location: QQ _____ section ___ township ____ range ____ county _____

Effective Date of Transfer: 6-1-91

CURRENT OPERATOR

Transfer approved by:

Name R. S. Lane
Company Texaco Inc.
Signature R S Lane
Address P. O. Box 3109
Title Attorney-in-Fact
Midland, TX 79702
Date _____
Phone (915) 688-4100

Comments: Correspondence Address: Texaco Inc.
3300 North Butler
Farmington, NM 87401
(505) 325-4397

NEW OPERATOR

Transfer approved by:

Name R. S. Lane
Company Texaco Exploration and Production Inc.
Signature R S Lane
Address P. O. Box 3109
Title Attorney-in-Fact
Midland, TX 79702
Date _____
Phone (915) 688-4100

Comments: Correspondence Address: Texaco Exploration and Production Inc.
3300 North Butler
Farmington, NM 87401
(505) 325-4397

(State use only)
Transfer approved by [signature] Title UIC MANAGER
Approval Date 6-26-91

(3/89)

Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

RECEIVED
MAY 28 1991
DIVISION OF
OIL GAS & MINING

May 22, 1991

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

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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 ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Texaco Exploration and Production Inc.

3. ADDRESS OF OPERATOR: P.O. Box 46510, Denver, CO 80201

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

RECEIVED MAY 2 8 1991 DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

14. PERMIT NO.

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

12. COUNTY OR PARISH

13. STATE

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Transfer of Owner/Operator			☐
(Other) Transfer of Plugging Bond			X	(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, 19 91, 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 _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9

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

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

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

8. Unit or Communitization Agreement

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other (specify)

9. Well Name and Number

2. Name of Operator
Texaco Exploration and Production Inc.

10. API Well Number

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

4. Telephone Number
(505) 325-4397

11. Field and Pool, or Wildcat

5. Location of Well
Footage :
QQ, Sec, T., R., M. : See Attached
County :
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
- [ ] New Construction
- [ ] Pull or Alter Casing
- [ ] Recompletion
- [ ] Shoot or Acidize
- [ ] Vent or Flare
- [ ] Water Shut-Off
- [X] Other Transfer of Plugging Bond

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

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

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.

SIGNED: R S Lane
Attorney-in-Fact

DATE: _____

NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

SIGNED: R S Lane
Assistant Division Manager

DATE: _____

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

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

(State Use Only)

ivision of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

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

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

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator XXX Operator Name Change Only

he 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

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

Name: (SEE ATTACHED)	API:	Entity:	Sec Twp Rng	Lease Type:
Name:	API:	Entity:	Sec Twp Rng	Lease Type:
Name:	API:	Entity:	Sec Twp Rng	Lease Type:
Name:	API:	Entity:	Sec Twp Rng	Lease Type:
Name:	API:	Entity:	Sec Twp Rng	Lease Type:
Name:	API:	Entity:	Sec Twp Rng	Lease Type:
Name:	API:	Entity:	Sec Twp Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

Lcr 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).

Lcr 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.

Lcr 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.

Lcr 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-11-91)

Lcr 6. Cardex file has been updated for each well listed above.

Lcr 7. Well file labels have been updated for each well listed above. (will update when filing)

Lcr 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.

Lcr 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.

- OVER -

CHANGE WORKSHEET (CONTINUED) Initia_ ach item when completed. Write N/A i_ tem is not applicable.

Y REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/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.

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) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___. #m157448 80,000-Ins. Co. of N. America

SE 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.

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

MING

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

NG

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.

HENTS

910606 Bfm/Farmington N.M. - Duane Spencer (505) 327-5344 will follow up & call back.

910607 Bfm/Farmington - Approved 4-2-91 "Company Merger" Includes Aneth Unit and Ismay Flodine Unit.

910607 St. Lands approved 4-15-91 "Merger".

/34-35

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME
N0980	TEXACO INC	365	GREATER ANETH	S400	E240	24	NWSE	43037 16111	PRDX	WIW	99990	NAVAJO TRIBE C-15 (ANETH
				S400	E240	24	SESE	43037 16331	PRDX	WIW	99990	NAVAJO TRIBE C-28 (ANETH
				S400	E240	24	SENE	4303716315	DSCR	PA	99998	NAVAJO TRIBE C-26 (ANETH
				S400	E240	25	SENE	43037 16124	PRDX	WIW	99990	NAVAJO TRIBE C-11 (ANETH
				S400	E240	25	SESW	43037 16301	PRDX	WIW	99990	NAVAJO TRIBE C-32 (ANETH
				S400	E240	25	SESE	43037 16129	PRDX	WIW	99990	NAVAJO TRIBE C-24 (ANETH
				S400	E240	25	NWNW	43037 16053	PRDX	WIW	99990	NAVAJO TRIBE C-14 (ANETH
				S400	E240	25	NWSW	43037 16070	PRDX	WIW	99990	NAVAJO TRIBE C-21 (ANETH
				S400	E240	25	NWNE	43037 16095	HRMS	WIW	99990	NAVAJO TRIBE C-6 (ANETH G
				S400	E240	26	SENW	43037 16290	PRDX	WIW	99990	NAVAJO TRIBE C-23 (ANETH
				S400	E240	26	SESW	43037 16302	PRDX	WIW	99990	NAVAJO TRIBE C-4 (ANETH F
				S400	E240	26	NWNW	43037 16054	PRDX	WIW	99990	NAVAJO TRIBE C-29 (ANETH
				S400	E240	26	NWNE	4303730372	DSCR	WIW	99990	ANETH G-126X
				S400	E240	26	SESE	43037 16332	PRDX	WIW	99990	NAVAJO TRIBE C-31 (ANETH
				S400	E240	26	NWSE	43037 16113	PRDX	WIW	99990	NAVAJO TRIBE C-27 (ANETH
				S400	E240	26	SENE	43037 16316	PRDX	WIW	99990	NAVAJO TRIBE C-19 (ANETH
				S400	E240	27	SESE	43037 16333	PRDX	WIW	99990	ANETH 27-D-4 (ANETH H-427
				S400	E240	27	NWNW	43037 16782	PRDX	WIW	99990	ANETH 27-A-1 (ANETH E-127
				S400	E240	27	SENE	43037 16317	PRDX	WIW	99990	ANETH 27-D2 (ANETH H-227)
				S400	E240	27	NWNE	43037 16307	PRDX	WIW	99990	ANETH 27-C-1 (ANETH G-127
				S400	E240	28	SENE	43037 16228	PRDX	WIW	99990	ANETH H-228
				S400	E240	28	SENW	43037 16291	PRDX	WIW	99990	ANETH A-28-B-2 (ANETH F-2
		380	ISMAY	S400	E260	16	NESW	43037 16462	PRDX	WIW	99990	STATE WOOLLEY #4 (T-316)
				S400	E260	17	NENW	43037 16456	ISMY	WIW	99990	NAVAJO TRIBE J-23 (T-117)
				S400	E260	17	NESW	43037 16463	HRMS	WIW	99990	NAVAJO TRIBE J-10 (T-317)
				S400	E260	17	NENE	43037 16188	HRMS	WIW	99990	NAVAJO TRIBE J-5 (V-117)
				S400	E260	17	NESE	43037 16192	HRMS	WIW	99990	NAVAJO TRIBE J-2 (V-317)
				S400	E260	18	NENW	43037 16457	ISMY	WIW	99990	NAVAJO TRIBE K-3 (T-118)
				S400	E260	19	NENW	43037 16458	ISMY	WIW	99990	NAVAJO TRIBE K-9 (T-119)
				S400	E260	21	NENE	43037 16191	ISMY	WIW	99990	NAVAJO TRIBE J-7 (V-121)
				S400	E260	21	NENW	43037 16460	HRMS	WIW	99990	NAVAJO TRIBE J-4 (T-121)
				S400	E260	21	SWSE	43037 11267	ISMY	WIW	99990	NAVAJO TRIBE J-24 (U-421)
				S400	E260	21	NESE	43037 16194	ISMY	WIW	99990	NAVAJO TRIBE J-19 (V-321)
				S400	E260	22	NENW	4303716461	ISMY	PA	99998	NAVAJO TRIBE J-20 (T-122)
				S400	E260	27	NENW	4303716232	PRDX	PA	99998	EAST ANETH 27-B1 (T-127)
				S400	E260	27	NESW	43037 16233	PRDX	WIW	99990	EAST ANETH 27-B3 (T-327)
				S400	E260	28	NENE	4303716466	PRDX	PA	99998	EAST ANETH 28-D1 (V-128)
		365	GREATER ANETH	S400	E230	12	NWSE	43037 30112	DSCR	WIW	99990	ANETH UNIT C-312
				S400	E230	12	NESW	43037 16272	DSCR	WIW	99990	BURTON 23-12 (ANETH B312)
				S400	E230	12	NWNE	43037 16274	DSCR	WIW	99990	BURTON 31-12 (ANETH C-112
				S400	E230	13	NWSW	4303730299	DSCR	WIW	99990	ANETH UNIT A-313
				S400	E230	13	SENW	43037 15825	IS-DC	WIW	99990	BURTON 22-13 (ANETH B-213
				S400	E230	13	NWNW	4303730119	DSCR	WIW	99990	ANETH UNIT A-113
				S400	E230	13	NWNE	43037 15827	IS-DC	WIW	99990	BURTON 31-13 (ANETH C-113
				S400	E230	13	NWSE	43037 15828	PRDX	WIW	99990	BURTON 33-13 (ANETH C-313
				S400	E230	13	SESW	4303730297	DSCR	WIW	99990	ANETH B-413
				S400	E230	13	SESE	43037 16279	PRDX	WIW	99990	BURTON 44-13 (ANETH D-413

Chevron

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

April 9, 2002

RECEIVED
APR 12 2002
DIVISION OF
OIL, GAS AND MINING

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

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

Don R. Sellars
Sr. Environmental Specialist

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

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	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

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	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

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	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

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	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

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	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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

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

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: Allen S. Robinson
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: G. Hunt
Title: Tech Services Manager

Approval Date: 10/21/02

Comments:

RECEIVED
MAY 06 2002
DIVISION OF
OIL, GAS AND MINING

(5/2000)

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.

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 ☐ GAS WELL ☐ OTHER Operator Name Change

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

PHONE NUMBER: (281) 561-3443

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

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) Allen S. Robinson

TITLE Attorney-In-Fact

SIGNATURE

DATE April 30, 2002

(This space for State use only)

(5/2000)

(See Instructions on Reverse Side)

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 & 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,

Akhtar Zaman, Director
Minerals Department

Attachments
AZ/GLB/eab

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent

Operator Name Change — X — **Merger**

The operator of the well(s) listed below has changed, effective: **05-01-2002**

FROM: (Old Operator):	**TO:** (New Operator):
TEXACO EXPLORATION & PRODUCTION INC	CHEVRON USA INC
Address: 3300 NORTH BUTLER, STE 100	Address: P O BOX 36366
FARMINGTON, NM 87401	HOUSTON,TX 79702
Phone: 1-(505)-325-4397	Phone: 1-(915)-687-2000
Account No. N5700	Account No. N0210

CA No. **Unit:** **ANETH**

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ANETH 27-D2 (ANETH H-227)	27-40S-24E	43-037-16317	99990	INDIAN	WIW	A
ANETH 27-B2 (ANETH F-227)	27-40S-24E	43-037-16223	7000	INDIAN	WIW	I
ANETH 27-C-1 (ANETH G-127)	27-40S-24E	43-037-16307	99990	INDIAN	WIW	A
ANETH 27-D-4 (ANETH H-427)	27-40S-24E	43-037-16333	99990	INDIAN	WIW	A
ANETH 27-A-1 (ANETH E-127)	27-40S-24E	43-037-16782	99990	INDIAN	WIW	A
ANETH 28-C-1 (ANETH G-128)	28-40S-24E	43-037-16224	7000	INDIAN	WIW	A
ANETH 28-A-1 (ANETH E-128)	28-40S-24E	43-037-16222	7000	INDIAN	WIW	A
ANETH H-228	28-40S-24E	43-037-16228	99990	INDIAN	WIW	A
NAVAJO TRIBE S-2 (ANETH E-129)	29-40S-24E	43-037-16055	99990	INDIAN	WIW	A
NAVAJO TRIBE S-1 (ANETH G-129)	29-40S-24E	43-037-16097	99990	INDIAN	WIW	A
NAVAJO TRIBE S-4 (ANETH F-229)	29-40S-24E	43-037-16292	99990	INDIAN	WIW	I
NAVAJO TRIBE S-3 (ANETH H-229)	29-40S-24E	43-037-16318	99990	INDIAN	WIW	A
ANETH 34-B-4 (ANETH F-434)	34-40S-24E	43-037-16303	99990	INDIAN	WIW	A
ANETH 34-D-2 (ANETH H-234)	34-40S-24E	43-037-16319	99990	INDIAN	WIW	I
NAVAJO TRIBE Q-4 (ANETH H-235)	35-40S-24E	43-037-16320	99990	INDIAN	WIW	A
NAVAJO TRIBE Q-5 (ANETH F-235)	35-40S-24E	43-037-16293	99990	INDIAN	WIW	A
NAVAJO TRIBE Q-8 (ANETH F-435)	35-40S-24E	43-037-16304	99990	INDIAN	WIW	A
NAVAJO 4 (ANETH E-136)	36-40S-24E	43-037-15485	99990	INDIAN	WIW	A
NAV TRB 2-A (G-136)	36-40S-24E	43-037-15486	7000	INDIAN	WIW	A
NAVAJO 1 (ANETH H-236)	36-40S-24E	43-037-15487	99990	INDIAN	WIW	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-2-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/06/2002
2. (R649-2-10) Sundry or legal documentation was received from the **NEW** operator on: 04/12/2002
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 10/16/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 564408-0143
5. If **NO**, the operator was contacted contacted on: N/A

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:** 10/25/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 10/25/2002
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.

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT or CA AGREEMENT NAME: Aneth Unit

1. TYPE OF WELL: OIL WELL ☑ GAS WELL ☐ OTHER Injection wells

8. WELL NAME and NUMBER: See Attachment

2. NAME OF OPERATOR: Resolute Natural Resources Company N2700

9. API NUMBER: See Attach

3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 534-4600

10. FIELD AND POOL, OR WILDCAT: Desert Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attachment

COUNTY: San Juan

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		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of Operator
	☐ CONVERT WELL TYPE	☐ 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) Janet Pasque TITLE Vice President

SIGNATURE Janet Pasque DATE 11/30/04

(This space for state use only)

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

(5/2000)

(See Instructions on Reverse Side)

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached exhibit.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT or CA AGREEMENT NAME: Aneth Unit

8. WELL NAME and NUMBER: See attached exhibit.

9. API NUMBER: See attached exhibit.

10. FIELD AND POOL, OR WILDCAT: Aneth

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER See attached exhibit.

2. NAME OF OPERATOR: Resolute Natural Resources Company

3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 534-4600

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: San Juan

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		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start:	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Change of operator
	☐ CONVERT WELL TYPE	☐ 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) Chevron U.S.A. Inc. N0210 TITLE A. E. Wacker, Attorney-in-Fact

SIGNATURE A. E. Wacker DATE 12/20/2004

(This space for State use only)

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

UIC FORM 5

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

TRANSFER OF AUTHORITY TO INJECT

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

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
DIV. OF OIL, GAS & MINING

NEW OPERATOR

N2700

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

Name: Janet Pogue xt
Signature: Janet Pogue
Title: Vice President
Date: 12/21/04

(This space for State use only)

Transfer approved by: David J. Mason
Title: UIC Geologist
Approval Date: 12-29-04

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

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

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
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: **12/1/2004**

FROM: (Old Operator):	**TO:** (New Operator):
N0210-Chevron USA, Inc.	N2700-Resolute Natural Resources Company
PO Box 4791	1675 Broadway, Suite 1950
Houston, TX 77210-4791	Denver, CO 80202
Phone: 1-(713) 752-7431	Phone: 1-(303) 534-4600

CA No. **Unit:** **ANETH**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO FED 9-1 (ANETH E-208)	08	400S	240E	4303716284	99990	Indian	WI	A
NAVAJO TRIBE E-13 (ANETH F-408)	08	400S	240E	4303716298	99990	Indian	WI	A
NAVAJO A-12/23-11 (ANETH F-311)	11	400S	240E	4303716295	99990	Indian	WI	A
NAVAJO TRIBAL E-8 (ANETH F-315)	15	400S	240E	4303716296	99990	Indian	WI	A
NAVAJO TRIBAL G-8 (ANETH F-217)	17	400S	240E	4303716286	99990	Indian	WI	A
NAVAJO TRIBAL G-6 (ANETH F-417)	17	400S	240E	4303716299	99990	Indian	WI	A
NAVAJO FED U 1 (ANETH F-218)	18	400S	240E	4303716287	99990	Indian	WI	A
NAVAJO FED U B-1 (ANETH E-119)	19	400S	240E	4303716280	99990	Indian	WI	A
NAVAJO TRIBE D-8 (ANETH F-220)	20	400S	240E	4303716288	99990	Indian	WI	A
NAVAJO TRIBE D-20 (ANETH F-420)	20	400S	240E	4303716300	99990	Indian	WI	A
NAVAJO TRIBE C-1 (ANETH G-123)	23	400S	240E	4303716306	99990	Indian	WI	A
NAVAJO TRIBE C-16 (ANETH F-224)	24	400S	240E	4303716289	99990	Indian	WI	A
NAVAJO TRIBE C-32 (ANETH F-425)	25	400S	240E	4303716301	99990	Indian	WI	A
NAVAJO TRIBE C-23 (ANETH F-226)	26	400S	240E	4303716290	99990	Indian	WI	A
NAVAJO TRIBE C-4 (ANETH F-426)	26	400S	240E	4303716302	99990	Indian	WI	A
ANETH 27-C-1 (ANETH G-127)	27	400S	240E	4303716307	99990	Indian	WI	A
ANETH H-228	28	400S	240E	4303716228	99990	Indian	WI	A
NAVAJO TRIBE S-4 (ANETH F-229)	29	400S	240E	4303716292	99990	Indian	WI	I
ANETH 34-B-4 (ANETH F-434)	34	400S	240E	4303716303	99990	Indian	WI	A
NAVAJO TRIBE Q-5 (ANETH F-235)	35	400S	240E	4303716293	99990	Indian	WI	A
NAVAJO TRIBE Q-8 (ANETH F-435)	35	400S	240E	4303716304	99990	Indian	WI	A
NAVAJO 3 (ANETH F-236)	36	400S	240E	4303716294	99990	Indian	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/22/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/13/2004

3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 11/22/2004
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted 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: