Scout Report sent out	☑
Noted in the NID File	☑
Location map pinned	☐
Approval or Disapproval Letter	☑
Date Completed, P. & A. or operations suspended	5-4-58
Pin changed on location map	☐
Affidavit and Record of A & P	☐
Water Shut-Off Test	☐
Gas-Oil Ratio Test	☐
Well Log Filed	☑

Pmod 2-58

10-57

05-12-58

Completed & Pumped 9-58

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 10-5-57 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.) 3

E I E-I ✓ GR GR-N ✓ Micro ✓

Lat Mi-L Sonic Others

Form OGCC-1

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

OIL AND GAS CONSERVATION COMMISSION August 23 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-A-1 which is located 660 ft from (N) ( ) line and 660 ft. from (X) ( ) (W) line of Sec. 28, Twp. 40S, R. 24E, Salt Lake (X) (Meridian), Undesignated (Field or Unit)

San Juan (County), on or about 1st day of September, 19 57.

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)
1700 Broadway
Denver 2, Colorado

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 4684 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
13-3/8" OD	48#	H-40	50	0	Cemented to surface.		
9-5/8" OD	36#	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, true, correct and complete.

Approved

Date 19

By

Title

By T. L. Warburton
T. L. Warburton
Division Chief Production Clerk
(Title or Position)
The Pure Oil Company
(Company or Operator)

Address 1700 Broadway
Denver 2, Colorado

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.

Company PURE OIL COMPANY

Lease ANETH Well No. 28-A-1

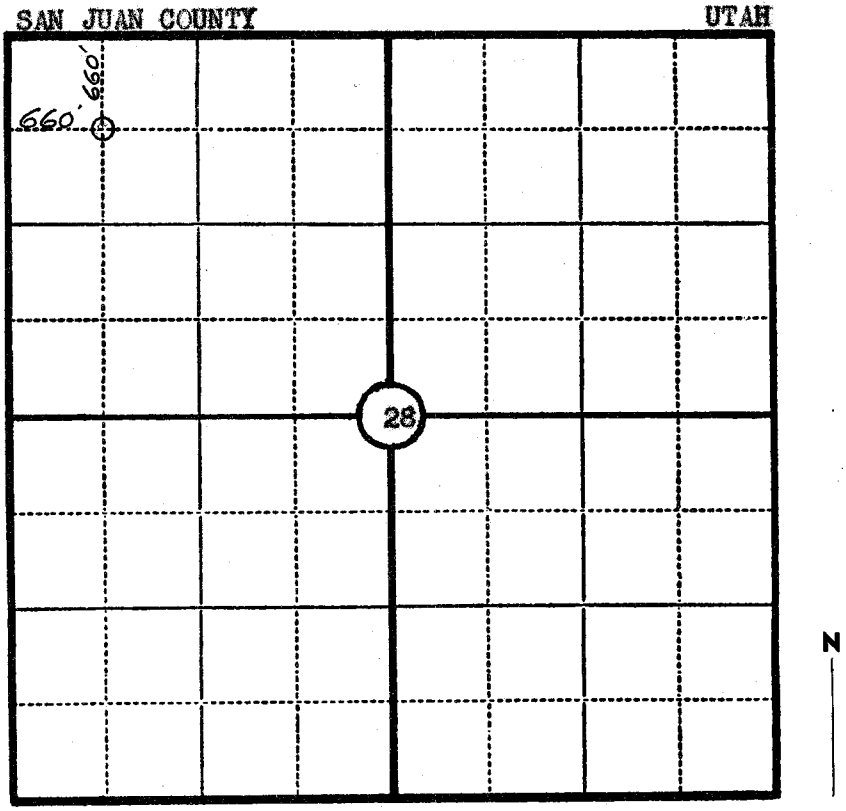
Sec. 28, T. 40 SOUTH, R. 24 EAST, S.L.M.

Location 660' from the NORTH LINE and 660' from the WEST LINE

Elevation 4684.2 UNGRADED

TBM: "X" ON SANDSTONE OUTCROP 220' N 28¼° W of LOC. ELEV. 4695.3

SAN JUAN COUNTY UTAH



Scale—4 inches equal 1 mile.

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

James P. Leese

Seal:

Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

Surveyed 14 AUGUST, 19 57

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

71-H
10-31

ABETH PROSPECT

ABETH 28-A1

C NW NW Sec. 28, T. 40S., R. 24E.

660' FNL & 660' FWL

SAN JUAN COUNTY, UTAH

SPUDDED AUGUST 28, 1957

COMPLETED OCTOBER 5, 1957

SAMPLE ANALYSIS BY H. C. RASMUSSEN

W

FORMATION TOPS

Formation	Sample Top	Schlumberger Top	Datum
Morrison	Spud	Spud	-
Summerville	-	-	-
Entrada	-	-	-
Carmel	560	570	+4126
Navajo	710	716	+3980
Kayenta	1070	1080	+3616
Wingate	-	1159	+3537
Chinle	-	1514	+3182
Shinarump	2540	2540	+2156
De Chelly	2634	2636	+2060
Organ Rock	2750	2750	+1946
Cedar Mesa	3400	-	+1296
Hermosa	4558	4561	+ 135
Paradox "A"	5591	5592	- 896
Paradox "B"	5647	5648	- 952
Paradox "C"	5658	5661	- 965
Paradox "D"	5735	5736	-1040
Total Depth	5767	5770	

200 - 210	Sandstone, white to orange, medium grain, sub-rounded; shale, red to brown.
210 - 220	As above.
220 - 230	As above. <u>Very poor Sample</u>.
230 - 240	Sandstone, as above, fairly friable; shale, lavender and brown.
240 - 250	As above.
250 - 260	As above.
260 - 270	As above.
270 - 280	As above.
280 - 290	As above.
290 - 300	Sandstone, orange to brown, fine grain, poorly cemented, shaley.
300 - 310	As above.
310 - 320	As above.
320 - 330	As above.
330 - 340	As above.
340 - 350	As above.
350 - 360	Sandstone, orange to brown, sub-rounded, medium to coarse grain, many loose red quartz grains.
360 - 370	As above, very friable.
370 - 380	As above.
380 - 390	As above.
390 - 400	As above.
400 - 410	As above.
410 - 420	As above.
420 - 430	As above.
430 - 440	As above.
440 - 450	As above.

450 - 460	Sandstone, orange to brown, sub-rounded, medium to coarse grain, many loose red quartz grains, very friable.
460 - 470	As above.
470 - 480	As above; sandstone, orange to brown, medium tite cement.
480 - 490	As above.
490 - 500	As above.
500 - 510	Sandstone, orange to brown, medium to coarse grain, some very friable, some well cemented.
510 - 520	As above.
520 - 530	As above.
530 - 540	As above; some sandstone, white, fine grain, well cemented; shale, red to brown, sandy - silty.
540 - 550	As above.
550 - 560	As above.
560 - 570	Sandstone, as above; shale, red to brown, sandy-silty.
570 - 580	As above.
580 - 590	As above.
590 - 600	As above.
600 - 610	As above.
610 - 620	As above.
620 - 630	Shale, red to brown, maroon - silty.
630 - 640	As above.
640 - 650	As above.
650 - 660	Sandstone, orange to red, medium to coarse, friable; trace sandstone, white, medium grain.
660 - 670	As above.
670 - 680	As above.

680 - 690	As above; shale, red to brown, sandy.
690 - 700	As above.
700 - 710	As above.
710 - 720	As above; some sandstone, white to buff, medium grain, friable.
720 - 730	As above.
730 - 740	Sandstone, buff, medium grain, friable, fairly calcareous.
740 - 750	As above.
750 - 760	As above.
760 - 770	As above.
770 - 780	As above.
780 - 790	As above.
790 - 800	As above.
800 - 810	Sandstone, buff, fine to medium grain, sub-rounded, fairly friable, flecks argillaceous material, slightly calcareous.
810 - 820	As above.
820 - 830	As above.
830 - 840	As above.
840 - 850	As above.
850 - 860	As above.
860 - 870	As above; sandstone, orange, fine to medium grain, friable; trace shale, red to brown.
870 - 880	As above.
880 - 890	As above.
890 - 900	As above.
900 - 910	As above; imbedded w/orange sandstone and trace red shale.
910 - 920	As above.

920 - 930 As above; imbedded w/orange sandstone and trace red shale.

930 - 940 As above.

940 - 950 As above.

950 - 960 Sandstone, buff, fine grain, sub-rounded, friable, calcareous; trace orange sandstone, fine grain, and trace shale, red to brown.

960 - 970 As above.

970 - 980 As above.

Hole flowing water (fresh) tested 5000 PPM Sa.

980 - 990 As above.

990 - 1000 As above.

1000 - 1010 Sandstone, as above; no trace shale.

1010 - 1020 As above.

1020 - 1030 As above.

1030 - 1040 As above; trace shale, red to brown.

1040 - 1050 As above.

1050 - 1060 As above; trace shale, green.

1060 - 1070 As above.

1070 - 1080 As above.

1080 - 1090 As above.

1090 - 1100 Sandstone, as above; sandstone, orange to red, fine grain, fair cement; shale, red to brown and shale, green.

1100 - 1110 Sandstone, orange, fine grain; sandstone, buff, fine grain, sub-rounded, calcareous; some shale, red to brown and shale, green.

1110 - 1120 As above.

1120 - 1130 As above.

1130 - 1140 As above.

1140 - 1150 As above.

Set 9-5/8" casing @ 1135' w/850 sx 50-50 Pozmix

Carmel	880'
Navajo	710'
Navajo	1070'

1150 - 1210 No samples - all lost circulation material, much cement in samples. 2" water flow from behind 9-5/8" surface pipe.

1210 - 1300 Trace red shale and sandstone, white, medium grain, sub-rounded.

1300 - 1450 Samples not readable - contain cottonseed hulls and lost circulation material. Drilling w/water flow from behind surface surface casing.

1450 - 1530 Samples unreadable - much cement and lost circulation material.

1530 - 1600 Samples contain some orange to red shale and siltstone, probably Chinle.

1600 - 1610 Siltstone, orange to red, sandy, calcareous; still much lost circulating material and cement in samples.

1610 - 1620 As above.

1620 - 1630 As above.

1630 - 1640 As above; some sandstone, buff to white, calcareous, medium grain.

1640 - 1650 As above.

1650 - 1660 As above.

1660 - 1670 As above.

1670 - 1680 As above.

1680 - 1690 As above.

1690 - 1700 As above.

1700 - 1710 Siltstone, light brown to orange-red, calcareous; shale, red, maroon.

1710 - 1750 As above.

1750 - 1900 Siltstone, orange-red, sandy, calcareous; shale, red, maroon.

Start 7-7/8" hole 1883'.

1900 - 1960 Siltstone, orange-red, sandy, calcareous; some shale, red. <u>Very poor sample</u>.

1960 - 1990 As above; w/shale, lavender, silty.

1990 - 2050 Siltstone, dark red to orange-red, calcareous; trace shale, green and shale, lavender, silty.

2050 - 2060 Siltstone, orange-red, sandy, calcareous; trace nodular limestone.

2060 - 2070 As above; shale, red to lavender, silty.

2070 - 2080 As above; siltstone, inbedded w/green, silty shale, calcareous.

2080 - 2090 Shale, lavender, silty, fine texture, calcareous.

2090 - 2100 As above; siltstone, orange to red, calcareous.

2100 - 2110 As above.

2110 - 2120 Shale, lavender, fine texture; siltstone, orange to red, calcareous; trace nodular limestone, gray.

2120 - 2130 As above.

2130 - 2140 As above.

2140 - 2150 As above.

2150 - 2160 Shale, as above; shale, gray, silty, very fine texture; nodular limestone.

2160 - 2170 Siltstone, orange-red; shale, lavender, silty, calcareous.

2170 - 2180 As above.

2180 - 2190 As above; inbedded w/shale, green, silty.

2190 - 2200 As above; shale, lavender, silty.

2200 - 2210 Shale, lavender, silty, calcareous; trace orange siltstone.

2210 - 2220 As above.

2220 - 2230 As above; inbedded w/shale, green, silty and w/much limestone, gray, crystalline (nodular).

2230 - 2240 As above.

2240 - 2250 As above.

2250 - 2260 As above; inclusions in shale, green,

2260 - 2270 As above; trace chert, milky.

2270 - 2280 As above.

2280 - 2290 As above.

2290 - 2300 As above.

2300 - 2310 As above, w/milky chert.

2510 - 2520 Shale, lavender, silty and red-brown, maroon; w/chert, milky and trace limestone, gray.

2520 - 2530 As above; w/some large red frosted quartz grains.

2530 - 2540 As above; imbedded w/shale, green.

2540 - 2550 As above.

2550 - 2560 Siltstone, orange to red, calcareous; shale, lavender, fine texture, calcareous; imbedded w/shale, green, fine texture.

2560 - 2570 As above.

2570 - 2580 As above; milky chert and trace limestone, gray.

2580 - 2590 As above; much shale, gray to green, silty; trace sandstone, gray, fine to medium grain, calcareous.

2590 - 2600 As above.

2600 - 2610 Shale, red, gray and green, silty; trace chert and many loose coarse sub-rounded quartz grains.

2610 - 2620 Sandstone, coarse, sub-rounded, conglomerate; shale, as above.

2620 - 2630 As above; inclusions in shale, some limestone, gray, nodular.

2630 - 2640 As above.

2640 - 2650 As above; much chert.

2650 - 2660 Sample missing.

2660 - 2670 As above.

2670 - 2680 Shale, blue-green, maroon, imbedded w/shale, red-brown; trace sandstone, as above.

2680 - 2690 As above.

2690 - 2700 As above.

2700 - 2710 Shale, gray, maroon; shale, red, fine texture, calcareous; trace limestone, gray; trace smokey chert.

2710 - 2720 As above.

2720 - 2730 As above.

2530 - 2540 As above; shale, green, fine texture, calcareous.

2540 - 2550 As above; many coarse quartz grains, conglomerate, pebbly material.

2550 - 2560 As above.

2560 - 2570 As above.

2570 - 2580 As above.

2580 - 2590 Shale and siltstone, orange to red; shale, gray to green, silty, calcareous; trace sandstone, as above.

2590 - 2600 As above.

2600 - 2610 Shale, as above; trace sandstone, very fine, gray to green, calcareous.

2610 - 2620 As above.

2620 - 2630 As above; sandstone, medium grain, green to gray, sub-rounded, calcareous.

2630 - 2640 Sandstone, gray to buff, medium grain, sub-angular, friable; shale, as above.

2640 - 2650 As above. <u>Very poor sample.</u>

2650 - 2660 Sandstone, brown, fine to medium grain, arkosic, w/many loose coarse quartz grains and shale, as above.

2660 - 2670 As above.

2670 - 2680 As above.

2680 - 2690 Sandstone, medium to coarse grain, sub-rounded, arkosic, friable.

2690 - 2700 As above.

2700 - 2710 As above.

2710 - 2720 Sandstone, red to brown, fine to medium grain, coarse, sub-rounded, arkosic.

2720 - 2730 As above.

2730 - 2740 As above.

2740 - 2750 Trace sandstone, as above; shale and siltstone, orange-red, calcareous, and shale, gray-green and lavender, inbedded.

2750 - 2760 As above.

2760 - 2770 Siltstone, orange-red, inbedded w/shale, lavendar and shale, green, calcareous.

2770 - 2780 As above.

2780 - 2790 As above.

2790 - 2800 As above.

2800 - 2810 Siltstone, orange-red, fairly well cons. w/shale, lavendar and trace limestone, gray, crystalline.

2810 - 2820 As above.

2820 - 2830 Shale and siltstone, as above, slightly calcareous.

2830 - 2840 Siltstone, orange-red, inbedded w/shale, green, silty and shale, lavendar.

2840 - 2850 As above.

2850 - 2860 As above.

2860 - 2870 As above; trace sandstone, gray, fine grain.

2870 - 2880 As above.

2880 - 2890 As above.

2890 - 2900 As above, less sandstone.

2900 - 2910 As above; some limestone, nodular.

2910 - 2920 As above.

2920 - 2930 As above.

2930 - 2940 Siltstone, orange-red, calcareous, inbedded w/lavendar shale, calcareous; trace nodular limestone,

2940 - 2950 As above.

2950 -2960 Siltstone, orange-red, inbedded w/shale, green, silty and shale, lavendar, calcareous; abundant nodular limestone, gray.

2960 - 2970 As above.

2970 - 2980 As above; less limestone,

2980 - 2990 As above.

2990 - 3000 As above.

3000 - 3010 Siltstone, orange-red, calcareous, imbedded w/shale, green, silty; some nodular limestone, grey, fine grain.

3010 - 3020 As above.

3020 - 3030 As above.

3030 - 3040 As above.

3040 - 3050 As above; w/much shale, blue-gray, fine grain.

3050 - 3060 As above; much nodular limestone, red-brown to gray, crystalline.

3060 - 3070 As above; w/inclusions in lavendar shale.

3070 - 3080 Shale, lavendar, green, maroon, imbedded some siltstone, orange-red, calcareous, and limestone, as above.

3080 - 3090 As above.

3090 - 3100 As above.

3100 - 3110 Siltstone, orange-red, calcareous; w/siltstone, lavendar-maroon, calcareous; trace sandstone, coarse, arkosic; some nodular limestone.

3110 - 3120 As above; shale, green, silty, calcareous.

3120 - 3130 As above.

3130 - 3140 As above.

3140 - 3150 Siltstone, orange-red, imbedded w/shale, maroon-green.

3150 - 3160 As above; w/sandstone, medium grain, arkosic.

3160 - 3170 As above; less sandstone.

3170 - 3180 As above.

3180 - 3190 Siltstone, orange-red, calcareous; trace shale, green, silty.

3190 - 3200 As above.

3200 - 3210 As above.

3210 - 3220 As above.

3220 - 3230 As above.

3230 - 3240 As above; w/inclusions in shale, green and lavendar shale.

3240 - 3250 As above.

3250 - 3260 Siltstone, orange, calcareous, inbedded w/shale, green, and shale, lavender.

3260 - 3270 As above; nodular limestone, gray, fine grain.

3270 - 3280 As above.

3280 - 3290 As above; sandstone, gray, coarse, angular, arkosic.

3290 - 3300 As above.

3300 - 3310 As above, sandy.

3310 - 3320 As above.

3320 - 3330 Shale and siltstone, as above; sandstone, gray, fine grain, arkosic.

3330 - 3340 As above; inclusions in siltstone.

3340 - 3350 Siltstone, orange-red and lavender-maroon, inbedded w/shale, green; trace sandstone, gray, fine to medium grain, arkosic.

3350 - 3360 As above; trace gypsum.

3360 - 3370 As above; trace gypsum and nodular limestone, brown-red.

3370 - 3380 As above.

3380 - 3390 As above; w/sandstone, medium to coarse grain, gray, sub-angular, arkosic.

3390 - 3400 As above; less sandstone; trace gypsum.

3400 - 3410 Shale and siltstone, orange-red, lavender-maroon, w/disseminated anhydrite; trace nodular limestone, gray-brown.

3410 - 3420 Siltstone, orange-red, calcareous, inbedded w/shale, green, silty; w/much anhydrite disseminated throughout.

3420 - 3430 As above.

3430 - 3440 As above; much anhydrite.

3440 - 3450 As above; some gypsum also.

3450 - 3460 As above; inclusions in shale, lavender and maroon.

3460 - 3470 As above.

3470 - 3480 Shale, red, red to brown, and shale, green-blue; w/disseminated anhydrite, very calcareous; w/nodular limestone, gray.

3480 - 3490 As above.

3490 - 3500 As above.

3500 - 3510 As above.

3510 - 3520 Siltstone, orange, w/disseminated anhydrite in abundance; some blue-green shale, silty, calcareous; less limestone.

3520 - 3530 As above.

3530 - 3540 As above; inclusions in blue-green shale, less anhydrite.

3540 - 3550 Shale and siltstone, orange, w/disseminated anhydrite w/shale, blue-green, calcareous.

3550 - 3560 Siltstone, orange w/disseminated anhydrite; some nodular limestone; w/shale, lavendar, light blue, blue-green, calcareous.

3560 - 3570 As above.

3570 - 3580 As above.

3580 - 3590 As above; w/inclusions in shale, dark blue, slightly calcareous.

3590 - 3600 As above.

3600 - 3610 As above; sandstone, white to gray, very fine grain.

3610 - 3620 As above.

3620 - 3630 As above.

3630 - 3640 As above; less sandstone.

3640 - 3650 Shale and siltstone, orange-red, calcareous, w/anhydrite inclusions; some sandstone, gray, fine grain, friable; trace nodular limestone.

3650 - 3660 As above.

3660 - 3670 As above; much anhydrite and lavendar shale.

3670 - 3680 As above.

3680 - 3690 Shale, orange-red, dark blue and green, calcareous.

3690 - 3700 As above; anhydrite inclusions.

3700 - 3710 Siltstone, orange-red, brown, very calcareous; anhydrite inclusions; shale, dark gray, silty and shale, green.

3710 - 3720 As above; trace sandstone, gray-buff, fine grain.

3720 - 3730 As above; shale, lavendar.

3730 - 3740 As above.

3740 - 3750 As above.

3750 - 3760 Shale, green to blue-green, slightly calcareous; shale, chocolate brown, and siltstone, orange-red; trace anhydrite.

3760 - 3770 As above; much more anhydrite.

3770 - 3780 Asabove; trace sandstone, pink, medium grain, arkosic, micaceous.

3780 - 3790 Much sandstone, as above; shale, as above, and anhydrite.

3790 - 3800 As above; inclusions in siltstone, orange-brown.

3800 - 3810 Shale, brown, silty; very much anhydrite, fine crystalline.

3810 - 3820 As above; shale, maroon.

3820 - 3830 As above; trace sandstone, w/medium angular, trace nodular limestone.

3830 - 3840 As above; shale, gray to blue.

3840 - 3850 <u>Very poor sample</u>. Very much anhydrite.

3850 - 3860 <u>Very poor sample</u>. Shale, brown, silty w/ anhydrite inclusions.

3860 - 3870 As above; shale, green and trace nodular limestone,

3870 - 3880 As above.

3880 - 3890 Shale, red, brown and gray, fine texture; nodular limestone, red-brown; much anhydrite, fine crystalline.

3890 - 3900 As above; anhydrite disseminated throughout.

3900 - 3910 As above; much limestone and trace arkosic sandstone, medium grain.

3910 - 3920 As above; very much anhydrite, white, crystalline; much limestone, gray, fine crystalline.

3920 - 3930 As above.

3930 - 3940 Shale, red, red-brown and lavender-gray, calcareous, micaceous, w/anhydrite disseminated throughout.

3940 - 3950 As above.

3950 - 3960 As above.

3960 - 3970 Shale, brick-red, fine texture, slightly calcareous; trace sandstone, gray, fine grain, tite.

3970 - 3980 As above, w/anhydrite inclusions.

3980 - 3990 Shale, brown, silty; trace sandstone, gray, fine grain; some shale, red, fine texture.

3990 - 4000 As above.

4000 - 4010 Shale, red-brown, fine texture, w/disseminated anhydrite; shale, green, fine grain.

4010 - 4020 As above; w/limestone, gray, medium crystalline.

4020 - 4030 As above.

4030 - 4040 As above; sandstone, gray-tan, medium grain, sub-angular, arkosic.

4040 - 4050 Siltstone, orange-brown and red, very calcareous; some limestone, gray, sandy; trace shale, red, fine texture.

4050 - 4060 As above; trace anhydrite inclusions.

4060 - 4070 Shale, red, maroon, lavender, imbedded with shale, green; some nodular limestone, red-brown, crystalline.

4070 - 4080 As above; sandstone, white-gray, fine to medium grain, arkosic; much limestone, as above.

4080 - 4090 As above; much sandstone, white, fine grain, sub-rounded, calcareous.

4090 - 4100 Shale, red-maroon, calcareous; trace sandstone, gray, fine to medium grain; trace limestone, red-brown.

4100 - 4110 As above; inclusions crystalline anhydrite.

4110 - 4120 As above; streaks limestone, gray, fine grain; much anhydrite in inclusions.

4120 - 4130 As above; w/sandstone, gray-buff, fine grain, arkosic, micaceous; much limestone, red brown and trace anhydrite.

4130 - 4140 Sandstone, gray-tan, fine to medium grain, arkosic; shale, as above.

4140 - 4150 Shale, brick red, maroon; trace sandstone, as above.

4150 - 4160 Siltstone, brick red, calcareous; disseminated anhydrite; trace sandstone, medium to coarse grain, arkosic.

4160 - 4170 As above; some shale, brown, fine texture.

4170 - 4180 As above; imbedded w/shale, lavendar, maroon, calcareous; some limestone, brown-red, crystalline.

4180 - 4190 As above; less sandstone.

4190 - 4200 As above.

4200 - 4210 Shale, as above; w/sandstone, fine to medium grain, white-brown, arkosic, micaceous; anhydrite disseminated in shale.

4210 - 4220 As above.

4220 - 4230 As above; w/nodular limestone, gray.

4230 - 4240 As above.

4240 - 4250 As above.

4250 - 4260 Shale, and siltstone, orange-red, red-brown, gray, w/disseminated anhydrite.

4260 - 4270 As above; w/limestone, gray, fine crystalline.

4270 - 4280 As above.

4280 - 4290 As above.

4290 - 4300 As above.

4300 - 4310 Siltstone, red to orange-red and brown, disseminated anhydrite, calcareous, micaceous; w/shale, green, fine texture; trace sandstone, green, fine grain, calcareous.

4310 - 4320 As above; w/trace sandstone, coarse, sub-angular, arkosic.

4320 - 4330 As above.

4330 - 4340 As above; w/trace limestone, gray, sub-lithographic; less sandstone.

4340 - 4350 As above.

4350 - 4360 As above; sandstone, light green, fine grain, calcareous.

4360 - 4370 Limestone, gray to green, crystalline; shale and siltstone, red, brown, green.

4370 - 4380 Shale and siltstone, as above, micaceous; less limestone.

4380 - 4390 Limestone, gray to green, crystalline, some sandy; w/shale, red-brown, silty; trace sandstone, medium grain, sub-angular, arkosic.

4390 - 4400 Limestone, red-brown, crystalline; w/limestone, gray, fine crystalline; w/shale, and siltstone, orange-red, micaceous, calcareous; trace sandstone, gray, fine to medium grain, coarse, sub-angular, arkosic.

4400 - 4410 Siltstone, orange-red, calcareous, w/disseminated anhydrite, fine crystalline; some sandstone, light green, fine grain; w/limestone, gray, sandy, crystalline.

4410 - 4420 As above.

4420 - 4430 As above.

4430 - 4440 Limestone, gray, crystalline; w/shale and siltstone, as above; w/trace chert, smokey.

4440 - 4450 As above.

4450 - 4460 Shale, orange-red, silty; w/shale, green, fine texture, calcareous; trace limestone, gray, crystalline, sandy.

4460 - 4470 As above, w/much disseminated anhydrite, fine crystalline; trace sandstone, medium grain, white, friable, calcareous.

4470 - 4480 Limestone, gray, sandy; w/shale, as above.

4480 - 4490 As above, <u>trace coal</u>.

4490 - 4500 Limestone, gray-brown, very silty, argillaceous; w/trace sandstone, coarse, amber, arkosic; shale, red-brown, silty, calcareous; shale, gray-green, calcareous.

4500 - 4510 As above; trace sandstone, gray-green, fine grain.

4510 - 4520 As above.

4520 - 4530 As above; sandstone, coarse, amber, arkosic.

4530 - 4540 As above.

4540 - 4550 Limestone, gray to gray-green, sandy and brown, sandy; trace sandstone, medium to coarse grain, amber, arkosic; shale, as above.

4550 - 4560 As above.

4560 - 4570 Limestone, gray-green, crystalline, some sandy; trace limestone, brown, crystalline; shale, blue-green, fine texture.

Harness 4558

4570 - 4580 As above; w/limestone, buff, crystalline, slightly sandy.

4580 - 4590 Limestone, gray, crystalline, argillaceous.

4590 - 4600 As above; trace chert, milky.

4600 - 4610 Limestone, brown, crystalline, slightly sandy; w/limestone, red-brown, crystalline; w/anhydrite inclusions; w/shale, red-brown, silty, calcareous.

4610 - 4620 As above; w/shale, green, fine texture, and shale, brown, silty.

4620 - 4630 Sandstone, gray-green, fine to medium grain, very calcareous; w/trace limestone and shale, as above.

4630 - 4640 Imbedded red and green silty shale; w/some limestone, gray, crystalline; disseminated anhydrite.

4640 - 4650 Limestone, gray, crystalline, some sandy; trace sandstone, white, medium grain.

4650 - 4660 Limestone, buff, crystalline, sandy; some limestone, as above.

4660 - 4670 As above.

4670 - 4680 As above; w/limestone, gray, sandy; w/shale, gray-green, calcareous.

4680 - 4690 Limestone, gray, crystalline, slightlysandy; some limestone, brown, dolomitic; shale, as above.

4690 - 4700 As above.

4700 - 4710 Limestone, gray, crystalline, silty, argillaceous; w/shale, brown, silty and shale, green, silty.

4710 - 4720 Limestone, gray, crystalline, silty.

4720 - 4730 As above; w/trace limestone, buff, crystalline.

4730 - 4740 As above; w/shale, brown, silty.

4740 - 4750 As above.

4750 - 4760 Shale, red-brown, fine texture, micaceous, calcareous; w/siltstone, red-brown; trace limestone, gray-brown, silty.

4760 - 4770 As above; w/shale, brown, silty, very micaceous; trace shale, red, silty, w/disseminated anhydrite, calcareous.

4770 - 4780 As above; w/sandstone, buff, medium to coarse, arkosic, micaceous.

4780 - 4790 As above; w/trace sandstone.

4790 - 4800 As above; w/trace limestone, gray, crystalline.

4800 - 4810 Limestone, gray-brown, crystalline; w/limestone, buff, crystalline; trace limestone, dark gray, argillaceous.

4810 - 4820 As above; w/shale, gray-green, silty, calcareous.

4820 - 4830 As above.

4830 - 4840 Limestone, buff, gray, crystalline; w/shale, red and green, silty, calcareous; some shale, brown, silty.

4840 - 4850 As above.

4850 - 4860 Limestone, gray-green, sandy; w/limestone, and shale, as above.

4860 - 4870 As above; w/limestone, dark gray, silty.

4870 - 4880 Limestone, gray-green, silty; w/limestone, gray, crystalline; shale, green, silty; w/shale, brown, silty.

4880 - 4890 Shale, as above; w/trace limestone, as above.

4890 - 4900 Limestone, gray to dark gray, crystalline, argillaceous; trace limestone, red-brown, crystalline.

4900 - 4910 Limestone, buff-gray, crystalline to sandy; w/shale, brown, silty, micaceous.

4910 - 4920 As above, argillaceous.

4920 - 4930 As above; trace sandstone, buff, medium grain, friable; shale, red-brown and brown, silty.

4930 - 4940 Shale, red-brown and brown, silty, w/limestone, gray, crystalline; trace sandstone, gray, medium grain, sub-angular, micaceous.

4940 - 4950 Limestone, dark gray, fine crystalline, argillaceous; w/shale, as above; trace chert, gray, smokey.

4950 - 4960 As above.

4960 - 4970 As above.

4970 - 4980 Limestone, grey, crystalline, argillaceous; much chert, smokey and milky.

4980 - 4990 As above.

4990 - 5000 As above.

5000 - 5010 Limestone, gray, crystalline and dark grey, argillaceous, fine crystalline; w/trace sandstone, grey, medium grain, calcareous; shale, gray-brown, silty.

5010 - 5020 Limestone and shale, as above; trace chert, smokey.

5020 - 5030 As above.

5030 - 5040 Shale, dark gray, silty, calcareous; w/limestone, gray, crystalline.

5040 - 5050 As above; inclusions in limestone.

5050 - 5060 Limestone, gray, argillaceous; w/trace limestone, red-brown, crystalline; some shale, green, fine grain, silty.

5060 - 5070 As above; w/limestone, grey, crystalline and shale, brown, silty, micaceous.

5070 - 5080 As above.

5080 - 5090 Shale, brown, silty and green, fine texture; limestone, as above.

5090 - 5100 As above; trace sandstone, white to light green, fine to medium grain, calcareous.

5100 - 5110 Limestone, gray-buff, micro to finely crystalline; w/chert, milky.

5110 - 5120 As above.

5120 - 5130 As above; w/limestone, grey, fine crystalline, argillaceous, silty; trace chert.

5130 - 5140 Limestone, grey, crystalline, argillaceous; trace chert.

5140 - 5150 As above; w/shale, brown and red, silty, calcareous.

5150 - 5160 As above; w/limestone, buff, crystalline.

5160 - 5170 As above.

5170 - 5180 Limestone, grey, crystalline, argillaceous.

5180 - 5190 As above; w/shale, brown and gray-green, silty, calcareous.

5190 - 5200 As above; w/trace amber chert.

5200 - 5210 Limestone, gray, crystalline, silty, argillaceous; w/limestone, tan-brown, mottled, fossiliferous; trace tan chert; shale, blue-gray, calcareous.

5210 - 5220 As above.

5220 - 5230 Limestone, as above; w/shale and siltstone, blue-gray, very calcareous.

5230 - 5240 Limestone, gray, crystalline, argillaceous; w/shale, gray, fine to silty, very calcareous.

5240 - 5250 Shale, gray, silty, calcareous; w/limestone, as above.

5250 - 5260 As above.

5260 - 5270 As above.

5270 - 5280 Limestone, gray-buff, sub-lithographic, slightly argillaceous; w/shale, brown and gray, silty; some limestone, gray, coarse, fossiliferous.

5280 - 5290 Limestone, gray and gray-green, finely crystalline, argillaceous; w/shale, gray, silty, calcareous.

5290 - 5300 As above, increase in shale.

<u>Start 5' samples.</u>

5300 - 5305 Limestone, gray and gray-green, fine crystalline; w/shale, gray, silty, micaceous; calcareous.

5305 - 5310 As above.

5310 - 5315 Limestone, as above, very argillaceous; w/shale, as above, fossiliferous.

5315 - 5320 As above.

5320 - 5325 Limestone, light gray, micro-crystalline; w/trace chert, milky.

5325 - 5330 As above; w/limestone, gray to buff, crystalline; trace chert, milky; w/shale, lavender, silty and shale, gray, silty.

5330 - 5335 Limestone, gray, crystalline, fossiliferous; w/much chert, smokey.

5335 - 5340 As above; w/shale, gray to black, silty, slightly micaceous, calcareous.

5340 - 5345 Limestone, gray and gray-buff, micro-crystalline, slightly fossiliferous; w/shale, as above; trace chert.

5345 - 5350 Limestone and shale, as above; w/shale, tan-brown, silty.

5350 - 5355 Limestone, gray, fine crystalline; w/limestone, gray-buff, crystalline, some dolomitic; trace smokey chert and shale, gray and brown, silty.

5355 - 5360 As above.

5360 - 5365 Shale, gray and gray to black, silty, calcareous; trace limestone, as above, vein calcareous.

5365 - 5370 Asabove.

5370 - 5375 As above; imbedded w/shale, brown, silty, micaceous, calcareous.

5375 - 5380 Shale, black, fine texture, calcareous; w/streaks limestone, gray, crystalline.

5380 - 5385 As above.

5385 - 5390 As above.

5390 - 5395 As above; increase in limestone, gray, argillaceous.

5395 - 5400 Limestone, gray, gray-brown, crystalline, mottled, argillaceous; w/shale, as above.

5400 - 5405 As above, anhydritic.

5405 - 5410 As above; trace chert, milky.

5410 - 5415 As above; w/sandy limestone, gray and much shale, as above (cavings?); chert, buff.

5415 - 5420 Limestone, gray-buff, crystalline; trace chalky limestone and chert, buff, anhydritic.

<u>Paradox "A"</u> 5391

<u>Core #1, 5420 - 5431.5</u>, cut 11.5', recovered 11.5'

5420 - 5421 Limestone, gray, crystalline, dense, no porosity, no show.

5421 - 5422 As above, fossiliferous.

5422 - 5423 As above; w/stylolites.

5423 - 5424 Limestone, medium gray, fine crystalline, very dense; chert nodules, buff.

5424 - 5425 As above.

5425 - 5426 As above, becoming anhydritic.

5426 - 5427 As above, anhydritic, w/stylolites.

5427 - 5428 Limestone, gray, fine crystalline, anhydritic, w/2" zone of fair vugular porosity, odor.

5428 - 5429 Limestone, dark gray, sub-lithographic, very dense, w/fossilfragments, trace vugular porosity w/stain and odor, vugs lined w/calcite.

5429 - 5430 Limestone, dark gray, sub-lithographic, dense; w/large chert nodules, buff.

5430 - 5431 Limestone, gray to dark gray, medium crystalline, dense.

5431 -5431.5 Limestone, gray, medium crystalline, dense, w/1" zone vugular porosity, small calcareous lined vugs w/stain and odor on fresh break.

Core #2, 5431.5 - 5436, cut 4.5', recovered 4.5'.

5431.5-5433 Limestone, gray, fine crystalline, dense, w/fossiliferous brachiopods and much black chert.

5433 - 5434 As above.

5434 - 5435 Limestone, medium gray, fine crystalline, dense.

5435 - 5436 As above.

Core #3, 5436 - 5480, cut 48', recovered 44'.

5436 - 5437 Limestone, gray, crystalline, dense, anhydritic.

5437 - 5438 As above, medium gray, medium crystalline.

5438 - 5439 Limestone, dark gray to brown, fine crystalline, sub-lithographic, vein calcite.

5439 - 5440 As above.

5440 - 5441 As above, w/fossiliferous brachiopods.

5441 - 5442 As above.

5442 - 5443 As above; w/much vein calcareous and large chert nodules.

5443 - 5444 As above.

5444 - 5445 Limestone, gray to gray-brown, fine crystalline, fossiliferous, dense.

5445 - 5446 As above; w/much free calcite.

5446 - 5447 As above.

5447 - 5448. As above.

5448 - 5449 Limestone, gray to gray-brown, fine crystalline.

5449 - 5450 As above, very fossiliferous.

5450 - 5451 As above.

5451 - 5452 As above.

5452 - 5453 As above.

5453 - 5454 As above; w/free calcite.

5454 - 5455 As above.

5455 - 5456 Limestone, dark gray, fine crystalline, fossiliferous, anhydritic, argillaceous.

5456 - 5457 As above.

5457 - 5458 As above; w/free calcite.

5458 - 5459 As above.

5459 - 5460 As above.

5460 - 5461 As above; inbedded w/streaks shale, black.

5461 - 5462 As above.

5462 - 5463 As above.

5463 - 5464 As above.

5464 - 5465 Limestone, dark gray to brown, medium to fine crystalline, argillaceous; some free calcite.

5465 - 5466 As above.

5466 - 5467 As above.

5467 - 5468 As above; inbedded w/thin shale streaks.

5468 - 5469 As above.

5469 - 5470 As above, fossiliferous.

5470 - 5471 As above, very argillaceous.

5471 - 5472 As above.

5472 - 5473 Limestone, medium gray, fine crystalline, dense.

5473 - 5474 Asabove; streaks black shale.

5474 - 5475 Limestone, medium gray, medium crystalline, dense, very fossiliferous.

5475 - 5476 Limestone, gray to dark gray, sub-lithographic.

5476 - 5477 Asabove.

5477 - 5478 As above.

5478 - 5479 As above.

5479 - 5480 Limestone, dark gray, fine crystalline, argillaceous, dense.

5480 - 5484 Not recovered.

Drilling ahead w/ water.

5484 - 5490 Limestone, dark gray, fine crystalline, very dense, slightly anhydritic, fossiliferous.

5490 - 5495 As above. Very poor sample.

5495 - 5500 Limestone, gray to gray-brown, fine to medium crystalline.

5500 - 5505 Limestone, as above.

5505 - 5510 As above.

5510 - 5515 As above.

5515 - 5521 Limestone, gray, fine to medium crystalline, slightly anhydritic, some chalky; trace chert.

Circulating 1½ hours.
Circulation samples: As above, w/trace pinpoint to small vugular porosity, no stain.

Core #4, 5521 - 5565, cut 44', recovered 42'.

5521 - 5522 Limestone, light gray, dolomitic, slight pinpoint and small vugular porosity, odor and fluorescence.

5522 - 5523 As above, w/fair small vugular porosity, some dead oil, slight fluorescence.

5523 - 5524 Limestone, gray, dolomitic, dense.

5524 - 5525 As above.

5525 - 5526 As above; w/slight trace pinpoint porosity, slight fluorescence.

5526 - 5527 Limestone, gray, dolomitic, dense.

5527 - 5528 Dolomite, light gray to brown, sucrosic, no visible porosity, stain, odor and fluorescence.

5528 - 5529 As above, w/slight odor and fluorescence, anhydrite inclusions.

5529 - 5530 Dolomite, brown, sucrosic to earthy, odor, stain, fluorescence; anhydrite inclusions.

5530 - 5531 As above.

5531 - 5532 Dolomite, brown, sucrosic, odor, stain, pale fluorescence, anhydrite inclusions.

5532 - 5533 As above.

5533 - 5534 As above, w/poor vugular porosity; much anhydrite.

5534 - 5535 As above.

5535 - 5536 As above, approximately 40% anhydrite.

5536 - 5537 Dolomite, brown, earthy, no visible porosity, stain, odor, pale fluorescence; anhydrite inclusions.

5537 - 5538 As above.

5538 - 5539 Limestone, gray, micro-crystalline, dense.

5539 - 5540 As above.

5540 - 5541 Limestone, gray to dark gray, fine crystalline, dense.

5541 - 5542 As above, fossiliferous.

5542 - 5543 As above.

5543 - 5544 As above.

5544 - 5545 As above; some limestone, grey, lithographic.

5545 - 5546 As above.

5546 - 5547 Limestone, gray to black, fine, very argillaceous.

5547 - 5548 Shale, black, fine texture, (poker chip), slightly calcareous.

5548 - 5549 As above.

5549 - 5550 Shale, black, fine texture (poker chip), slightly calcareous.

5550 - 5551 As above.

5551 - 5552 Shale, black, fine texture (poker chip), slightly calcareous, anhydritic.

5552 - 5553 As above.

5553 - 5554 As above.

5554 - 5555 As above.

5555 - 5556 As above.

5556 - 5557 As above.

5557 - 5558 As above.

Top "G" zone 5558'

5558 - 5559 Limestone, dark gray to black, fine crystalline, argillaceous.

5559 - 5560 As above.

5560 - 5561 As above.

5561 - 5562 Limestone, gray, fine crystalline, anhydritic.

5562 - 5563 As above.

5563 - 5565 Not recovered.

Core #5, 5565 - 5584, cut 20', recovered 22'.

5565 - 5566 Limestone, gray, fine crystalline, anhydritic.

5566 - 5567 Limestone, as above w/poor small vugular porosity, slight stain, odor and fluorescence.

5567 - 5568 Limestone, gray, crystalline, anhydritic, no porosity.

5568 - 5569 Limestone, gray to brown, dolomitic, stain, odor and slight pale fluorescence.

5569 - 5570 Limestone, gray, micro-crystalline, w/fair pinpoint porosity, slight bleeding, stain, odor and fluorescence, vugs lined w/crystalline anhydrite.

5570 - 5571 As above, w/fair vugular porosity, odor and fluorescence, dead oil in vugs.

5571 - 5572 As above.

5572 - 5573 As above, slightly less porous.

5573 - 5574 Limestone, gray to tan, fine crystalline, anhydritic.

5574 - 5575 As above, no visible porosity, fossiliferous.

5575 - 5576 As above.

5576 - 5577 As above; w/stylolites.

5577 - 5578 Limestone, gray to buff, mottled, crystalline, fossiliferous, dense.

5578 - 5579 As above.

5579 - 5580 As above, anhydritic.

5580 - 5581 As above.

5581 - 5582 As above.

5582 - 5583 Limestone, dark gray to brown, mottled, crystalline, argillaceous, fossiliferous, dense.

5583 - 5584 As above.

5584 - 5585 As above, very slight pinpoint porosity, slight fluorescence, no odor, anhydritic.

5585 - 5586 Limestone, gray to brown, fine crystalline, dense.

5586 - 5587 As above.

5587 - 5594 Not recovered (7').

DST #1, Paradox member "C" zone, Halliburton 5583-94. Tool opened with weak blow, increased to fair in 15 minutes. Remained throughout test (1½ hrs.). Recovered 50' GCM and 5550' gas. IHP 2655, IFP 35, FFP 85, SIBHP 1700 (1hr.), FHP 2655.

Core #6, 5594 - 5605, cut 11', recovered 10.5'

5594 - 5595 Limestone, gray, crystalline, very fossiliferous, dense.

5595 - 5596 As above, dolomitic.

5596 - 5597 Dolomitic limestone, as above, no visible porosity, slight stain, odor and fluorescence.

5597 - 5598 As above, faint fluorescence, fractured.

5598 - 5599 Limestone, gray to brown, dolomitic, slightly sucrosic, no show.

5599 - 5600 As above, bleeding salt water along fractures, no fluorescence.

5600 - 5601 Limestone, medium gray, fine crystalline, dense.

5601 - 5602 Limestone, gray to brown, dolomitic, slightly macrosic, no visible porosity.

5602 - 5603 As above, bleeding salt water along fractures.

5603 - 5604 Shale, black, fine texture, slightly anhydritic.

5604 - 5605 Dolomite, gray, earthy; imbedded w/limestone, gray, crystalline, dolomitic; w/some free calcite.

Core #7, 5605 - 5665, cut 53', recovered 51'.

5605 - 5606 Limestone, gray to buff, medium crystalline, anhydritic.

5606 - 5607 Limestone, as above w/intercrystalline porosity, stylolites, bleeding oil and gas, fluorescence and cut.

5607 - 5609 Limestone, gray, fine crystalline, anhydritic w/fair inter-crystalline porosity, bleeding oil and gas, good fluorescence and cut.

5608 - 5609 As above (also bleeding salt water or filtrate?).

5609 - 5610 As above.

5610 - 5611 As above.

5611 - 5612 As above w/better porosity, some medium vugs lined w/anhydrite.

5612 - 5613 Limestone, grey to buff, crystalline, anhydritic, good vugular porosity, some dead oil in vugs, good fluorescence and cut.

5613 - 5614 As above.

5614 - 5615 Limestone, gray, coarse, crystalline, dense, stylolitic, no show oil.

5615 - 5616 Limestone, gray, fine crystalline, some scattered intercrystalline porosity, fluorescence and cut.

5616 - 5617 Limestone, as above.

5617 - 5618 As above.

5618 - 5619 As above, very anhydritic and very fine pinpoint porosity, fluorescence and cut.

5619 - 5620 Limestone, gray, crystalline, Reef Breccia w/very fine anhydritic matrix, very scattered porosity, slight bleeding oil and gas.

5620 - 5621 As above, w/fair pinpoint porosity, fair fluorescence.

5621 - 5622 As above. Bleeding oil and gas and salt water.

5622 - 5623 As above, w/scattered pinpoint porosity, scattered fluorescence.

5623 - 5624 As above, fair intercrystalline porosity.

5624 - 5625 As above, w/very scattered vugular porosity, scattered fluorescence.

5625 - 5626 Limestone, as above, very little porosity, trace fluorescence.

5626 - 5627 Limestone, gray, medium to coarse crystalline, dense.

5627 - 5628 As above.

5628 - 5629 As above.

5629 - 5630 As above, stylolitic.

5630 - 5631 Limestone, gray, Breccia w/very anhydritic fine crystalline matter, dense.

5631 - 5632 As above.

5632 - 5633 As above.

5633 - 5634 Limestone, gray, fine to coarse crystalline, anhydritic, dense, very fossiliferous.

5634 - 5635 As above.

5635 - 5636 As above, becoming dolomitic.

5636 - 5637 As above.

5637 - 5638 Limestone, gray, medium to coarse crystalline, anhydritic, dense.

5638 - 5639 As above.

5639 - 5640 Dolomite, tan, earthy, no visible porosity, fair fluorescence and cut.

5640 - 5641 Limestone, gray to buff, Reef Breccia, chalky, no porosity.

5641 - 5642 Limestone, medium gray, fine crystalline, dense.

5642 - 5643 Dolomite, brown, sucrosic to earthy, good vugular and pinpoint porosity, anhydritic, bleeding oil and gas and salt water, good fluorescence and cut.

5643 - 5644 As above, slightly less porosity.

5644 - 5645 Dolomite, gray, earthy, anhydritic, very fine pinpoint porosity, good fluorescence.

5645 - 5646 As above; w/chert, gray.

5646 - 5647 Dolomite, gray to brown, earthy to sucrosic, very fine intercrystalline porosity, fair fluorescence.

5647 - 5648 As above, anhydritic, fluorescence and cut, very little bleeding.

5648 - 5649 As above, w/pinpoint to vugular porosity, bleeding salt water, little fluorescence (core appears filtrate invaded).

5649 - 5650 Dolomite, gray, earthy, little visible porosity, scattered fluorescence.

5650 - 5651 Limestone, light gray, medium to fine crystalline, dense, dolomitic.

5651 - 5652 Limestone, medium gray, crystalline, anhydritic, dense.

5652 - 5653 As above; w/chert.

5653 - 5654 Limestone, gray, very fine crystalline, anhydritic, very fine intercrystalline porosity, scattered fluorescence.

5654 - 5655 As above.

5655 - 5665 <u>Not recovered</u>.

<u>DST #2</u>, 5504'-65' - Halliburton, Paradox member "C" zone. Gas to surface in 20 minutes, approximately 28,000 cubic feet gas, tool open 2 hrs., 1 hr. SIP, Opened circ. sub on top of drill collars - reversed out MD and GCM. Recovered 200' free oil in drill collars, IHH 2845, IFP 125, FFP 530, SIBHP 1805, FHH 2785.

<u>Core #3, 5665 - 5715</u>, cut 52', recovered 48'.

5665 - 5664 Limestone, gray to tan, dolomitic, fine crystalline, dense.

5664 - 5665 As above.

5665 - 5666 Dolomite, brown, sucrosic, no visible porosity, saturated, odor and fluorescence and slight cut.

5666 - 5667 As above.

5667 - 5668 Dolomite, brown, anhydritic, w/very fine pinpoint porosity, odor and slight fluorescence.

5668 - 5669 As above, very anhydritic, w/odor and fair fluorescence.

5369 - 5670 Limestone, gray, fine crystalline, dolomitic, w/scattered small vugular porosity, fair fluorescence.

5670 - 5671 As above, vugs increase in size, no fluorescence.

5671 - 5672 Limestone, as above w/good vugular porosity, fluorescence and cut.

5672 - 5673 Dolomite, limestone, brown, slightly sucrosic w/scattered pinpoint porosity, scattered fluorescence and slight odor.

5673 - 5674 Dolomite, limestone, as above, w/fair pinpoint and vugular porosity, good odor and fluorescence.

5674 - 5675 Limestone, gray, crystalline, w/dolomitic limestone, brown, sucrosic, fair vugular porosity, fair fluorescence.

5675 - 5676 As above.

5676 - 5677 Limestone, gray, fine crystalline w/small vugular porosity in streaks, good fluorescence.

5677 - 5678 Limestone, as above, fair to good pinpoint porosity, no fluorescence.

5678 - 5679 As above, w/fair fluorescence.

5679 - 5680 Limestone, gray, fine crystalline, dense, anhydritic.

5680 - 5681 Limestone, gray, coarse crystalline, dense, anhydritic.

5681 - 5682 As above, w/scattered medium vugular porosity, vugs lined w/anhydrite, no fluorescence.

5682 - 5683 Limestone, grey, medium to fine crystalline, anhydritic, dense.

5683 - 5684 As above.

5684 - 5685 As above.

5685 - 5686 As above.

5686 - 5687 As above, w/very scattered vugular porosity, no fluorescence (dead oil in vugs).

5687 - 5688 Limestone, gray, crystalline, w/large vugs lined w/calcareous, some dead oil, no fluorescence.

5688 - 5689 As above, much free calcite, spotted fluorescence.

5689 - 5690 As above.

5690 - 5691 As above, no fluorescence.

5691 - 5692 Limestone, gray, crystalline, much calcite and anhydrite, fair intercrystalline porosity, no fluorescence, large vugs w/dead oil.

5692 - 5693 As above, vugs lined w/crystalline anhydrite.

5693 - 5694 As above.

5694 - 5695 As above, <u>no fluorescence</u>, <u>no bleeding</u>.

5695 - 5696 As above.

5696 - 5697 As above.

5697 - 5698 Limestone, gray, crystalline, anhydritic, good large and vugular porosity, lined w/anhydrite, no fluorescence, dead oil in vugs.

5698 - 5699 As above, w/spotted fluorescence.

5699 - 5700 As above.

5700 - 5701 Limestone, gray, very anhydritic, crystalline, dense.

5701 - 5702 As above.

5702 - 5703 Limestone, gray, dolomitic, very fine, dense.

5703 - 5704 Dolomite, gray to brown, sucrosic, dense.

5704 - 5705 As above.

5705 - 5706 As above.

5706 - 5707 Dolomite, gray, earthy, dense.

5707 - 5708 As above, w/scattered small vugular porosity, good fluorescence.

5708 - 5709 As above, good porosity and fluorescence.

5709 - 5710 Limestone, gray, medium crystalline, dense.

5710 - 5711 As above, w/stylolites.

5711 - 5715 <u>Not recovered (4')</u>.

<u>Core #3, 5715 - 5737, cut 22', recovered 20'</u>.

5715 - 5716 Limestone, gray, medium crystalline, dense, slightly anhydritic.

5716 - 5717 As above, w/scattered small vugular porosity, bleeding salt water, anhydritic.

5717 - 5718 As above, scattered porosity, vugs lined w/crystalline anhydrite.

5718 - 5719 As above, w/slight fluorescence.

5719 - 5720 As above, w/slight scattered fluorescence.

5720 - 5721 As above.

5721 - 5722 As above, very scattered pinpoint porosity.

5722 - 5723 As above.

5723 - 5724 Limestone, gray to brown, mottled, crystalline, dense.

5724 - 5725 As above, fossiliferous.

5725 - 5726 Limestone, gray, fine crystalline, very anhydritic, dense, dolomitic.

5726 - 5727 Dolomite, gray to dark gray, anhydritic, dense.

5727 - 5728 Dolomite, gray, slightly sucrosic, dense.

5728 - 5729 Dolomite, medium gray, earthy, dense.

5729 - 5730 As above.

5730 - 5731 As above, some sucrosic zones.

5731 - 5732 Dolomite, dark gray, sucrosic, anhydritic, shaley.

5732 - 5733 As above, very shaley.

5733 - 5734 Shale, black, very fine texture, slightly calcareous, slightly anhydritic.

5734 - 5735 As above.

5735 - 5737 <u>Not recovered (2')</u>.

<u>DST #3</u>, 5684-87', Halliburton. Paradox member "G" zone. Tool open 2 hrs., 1 hr. SIP, opened with fair blow, decreased to weak in 5 minutes, remained throughout test. Recovered 375' total fluid, 100' GCM and 275' SW. IHH 2820, IFP 35, FFP 80, SIBHP 1885, FHH 2820, 1170' gas in pipe.

Drilled 5787 - 67'.

5757 - 5745 Shale, black, fine texture, slightly calcareous, slightly anhydritic.

5745 - 5750 As above.

5750 - 5755 As above.

5755 - 5760 As above.

5760 - 5767 As above; w/limestone, gray to brown, medium crystalline, dense, slightly dolomitic.

T. D. 5767'.

Completed drilling 11:25 p.m., October 5, 1957. Ran Schlumberger Ind-ES, GR-N and Micro-cal.

OCT 10 1957

August 28, 1957

The Pure Oil Company
1700 Broadway
Denver 2, Colorado

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Aneth 28-A-1, which is to be located 660 feet from the north line and 660 feet from the west line of Section 28, Township 40 South, Range 24 East, SLBM, San Juan County, Utah.

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

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

GLEON B. FRIGHT
SECRETARY

GBF:en

cc: Phil McGrath
USGS, Farmington,
New Mexico

DR-USGS

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 26h
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)

September 5, 1957

Well No. Anneth 28-1-1 is located 660 ft. from [N] line and 660 ft. from [W] line of sec. 28

NW¼ 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 4684 ft.
KB elevation is 4695 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 22, 1957

Set 13-3/8" OD 48# 8-R H-40 SS R-2 casing as Conductor Pipe at 34', cemented to surface with 150 sacks cement.

August 27, 1957

Set 9-5/8" OD 36# 8-R J-55 SS R-2 casing at 1135', cemented with 700 sacks 50-50 Pozmix.

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
T. L. Warburton
Title Division Chief Production Clerk

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

W

October 23, 1958

21-H
10-31

The Pure Oil Company
1700 Broadway
Denver 2, Colorado

Attention: T. L. Warburton, Division Chief
Production Clerk

Re: Well No. Aneth 28 A-1,
NW NW 28-40S-24E, 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 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.

Thank you very much.

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

M-14
10-31

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

LOCATE WELL CORRECTLY

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-A1 Sec. 28 T. 40S R. 24E Meridian Salt Lake County San Juan

Location 660 ft. {N. / S.} of N Line and 660 ft. {E. / W.} of W Line of Sec. 28 Elevation 4696' KB 4685' 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 August 23, 1957 Finished drilling October 6, 1957

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5598' to 5666' 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	34'	Coupling				Cemented to surface
9-5/8"	36#	8-R	SS	1135'	Float				Cemented to surface.
5-1/2"	15#	8-R	SS	5760'	Float		5598'	5666'	Production

MUDDING AND CEMENTING RECORD

W/

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	34'	150 sx.	Halliburton		
9-5/8"	1135'	700 sx.	Halliburton		
5-1/2"	5760'	500 sx.	Halliburton		

MARK

PLUGS AND ADAPTERS

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 5767' feet, and from ..... feet to ..... feet

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

DATES

Test: May 1, 1958 Put to producing May 4, 1958

The production for the first 24 hours was 208 barrels of fluid of which 77 % was oil; - % emulsion; 23 % water; and - % sediment. Gravity, °Bé. 40.0

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-	64'	64'	Surface.
64'	616'	552'	Sandy shale.
616'	1843'	1227'	Sand and shale.
1843'	2844'	1001'	Sandy shale.
2844'	3844'	1000'	Sand and shale.
3844'	4583'	739'	Lime and shale.
4583'	4672'	89'	Lime and chert.
4672'	5332'	660'	Lime.
5332'	5420'	88'	Lime and shale.
5420'	5431'	11'	Core No. 1 - See reverse side.
5431'	5436'	5'	Core No. 2 - See reverse side.
5436'	5484'	48'	Core No. 3 - See reverse side.
5484'	5521'	37'	Lime.
5521'	5565'	44'	Core No. 4 - See reverse side.
5565'	5594'	29'	Core No. 5 - See reverse side.
5594'	5605'	11'	Core No. 6 - See reverse side.
5605'	5663'	58'	Core No. 7 - See reverse side.
5663'	5715'	52'	Core No. 8 - See reverse side.
5715'	5737'	22'	Core No. 9 - See reverse side.
5737'	5767'	30'	Paradox
		5767'	TOTAL DEPTH

[OVER]

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

OCT 30 1958

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

Core No. 1 5420' to 5431' Cut 11' Rec. 11.5'

11.5' - Gray, xyln lime, few very thin porous zones with show of oil and gas odor.

Core No. 2 5431' to 5436' Cut 5' Rec. 4.5'

4.5' - Limestone, gray, xyln, dense, with much chert.

Core No. 3 5436' to 5484' Cut 48' Rec. 44'

44' - Dense xyln lime with trace of chert.

Core No. 4 5521' to 5565' Cut 44' Rec. 42'

42' - Anhydrite, lime and dolomite with approximately 6' vuggy porosity, with some gas.

Core No.5 5565' to 5594' Cut 29' Rec. 22'

22' - Lime and dolomitic lime with 7' fractured vuggy porosity with some gas.

Core No. 6 - 5594' to 5605' Cut 11' Rec. 10.5'

8' - Lime, gray, xlyn with slight show of oil along fractures, bleeding salt water.
1' - Black shale.
1.5' - Dolomite, gray, earthy.

Core No. 7 5605' to 5663' Cut 58' Rec. 51'

1' - Lime, gray zyln, dense.
8' - Lime, gray, xyln, with fair porosity, bleeding oil and gas.
1' - Lime, gray, xyln, dense.
3' - Lime, gray, xyln, scattered porosity, bleeding oil and gas and salt water.
7' - Lime, gray, reef breccia, fair pinpoint porosity, bleeding oil and gas and some salt water.
9' - Lime, gray, xyln, dense.
4' - Lime, gray, dolomitic.
11' - Dolomite, brown, some good pinpoint and vugular porosity, very little bleeding, interbedded with gray dense lime.
6' - Lime, gray, xyln, dense.
1' - Lime, gray xyln, with scattered pinpoint porosity, bleeding oil and gas and salt water.
(Approximately 30' of porosity of varying degrees in both lime and dolomite. Bleeding oil and gas and some salt water. Very little bleeding porosity but it showed good fluorescence.)

Core No. 8 5663' to 5715' Cut 52' Rec. 48'

2' - Lime, dolomitic, dense.
14' - Dolomite, dolomitic lime with fair vugular porosity, show of oil.
7' - Lime, xyln, dnese.
14' - Lime, xyln with fair to good vugular porosity, show of oil, very little bleeding.
3' - Lime, dolomitic, dense.
6' - Dolomite, sucrose to earthy, scattered porosity, show of oil.
2' - Lime, syln, dense.

Core No. 9 5715' to 5737' Cut 22' Rec. 20.5'

8' - Lime, anhydritic, bleeding salt water from scattered vugular porosity.
3' - Dense lime.
1.5' - Dolomite.
5.5' - Dolomitic lime, shaley.

3' - Dense lime.
1.5' - Dolomite.
5.5' - Dolomitic lime, shaley.
2.5' - Black shale.

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.

IMPORTANT MARKERS (Electric Log Tops)

Navajo	716'	(+3980')
Wingate	1159'	(+3537')
Chinle	1514'	(+3182')
Shinarump	2540'	(+2156')
Organ Rock	2730'	(+1966')
Hermosa	4561'	(+ 135')
Paradox	5392'	(- 696')

THE PURE OIL COMPANY

GENERAL OFFICES, 35 EAST WACKER DRIVE, CHICAGO,

ROCKY MOUNTAIN PRODUCING DIVISION
1700 BROADWAY
DENVER 2, COLORADO

October 29, 1958

N-*
10-31

Mr. Cleon B. Feight
Secretary
Utah Oil & Gas Conservation Commission
Room 310 - Newhouse Building
Salt Lake City, Utah

Dear Mr. Feight:

In compliance with your letters of October 22 and October 23, we are enclosing the following records pertaining to Aneth Wells Nos. 28-A1 and 28-D2, San Juan County, Utah.

Well No. 28-A1

1. Two copies of Form OGCC-3, Log of Oil or Gas Well.
2. One copy Schlumberger Electric Log.
3. One copy Schlumberger Gamma Ray-Neutron Log.
4. One copy Schlumberger Micro Log.
5. One copy Geological Sample Log.

Well No. 28-D2

1. Two copies of Form OGCC-3, Log of Oil or Gas Well.
2. One copy Schlumberger Electric Log.
3. One copy Schlumberger Micro Log.
4. One copy Schlumberger Temperature Log.
5. One copy Lane Wells Radioactivity Log.
6. One copy Geological Sample Log.

We regret the delay in furnishing the above reports, however, our normal procedure is to furnish copies of all logs to you simultaneously with the submitting of the various logs to the U.S.G.S., and we are unable to ascertain why you did not receive your copies.

Yours very truly,

T. L. Warburton
Division Chief Production Clerk

TLW:Dek
Enclosures

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.

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

K230

TD= 5700' KB PBTD= 5599' KB

9-5/8", 32.3# casing set at 1639'. Hole size = 12¼". Cemented w/ 1000 sx Pozmix and reg cement w/ 200# Flo-seal and 15 sx turf-plug. Cement circulated to surface.

5-1/2", 14# & 15.5# casing set at 5699'. Hole size = 8-3/4". Cemented w/ 500 sx neat cmt. Cement top at 4175'.

G136

TD= 5705' KB PBTD= 5600' KB

13-3/8", 48# casing set at 70'. Hole size = 17½". Cemented w/ 90 sx reg cmt; cmt circulated to surface.

8-5/8", 24# casing set at 1430'. Hole size = 11". Cemented w/ 600 sx reg cmt; cmt top unknown.

4-1/2", 9.5# casing set at 5705'. Hole size = 6-3/4". Cemented w/ 250 sx reg cmt; cmt top unknown.

E326

TD=5893' PBTD=5822'

8-5/8", 24# casing set at 1524'. Hole size=11". Cemented with 1050 sx reg cmt that circulated to surface.

4-1/2", 9.5# casing set at 5882'. Hole size=6-3/4". Cemented with 250 sx reg cmt. Cement top=4450'.

J129

TD=5889' PBTD=5840'

13-3/8", 48# casing set at 106'. Hole size=17-1/4". Cemented with 200 sx cmt. Cement circulated to surface.

8-5/8", 24# casing set at 1500'. Hole size=11". Cemented with 1100 sx cmt that circulated to surface.

4-1/2", 9.5# casing set at 5888'. Hole size=6-3/4". Cemented with 300 sx cmt with cmt top at 4800'.

E128

TD=5767' PBTD=5721'

13-3/8", 48# casing set at 34'. Hole size=17-1/4". No cement information available.

9-5/8", Set at 1135'. No other information available.

5-1/2", Set at 5760'. Hole size=7-7/8". Cement top at 3920'. No other information available.

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: 660' FWL & 660' FNL
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.
E128

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)
4696'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 E128 from oil producing to water injection status. All work will be done in accordance with MMS and UOGCC regulations. Proposed procedure is as follows:

1. Pull production equipment and clean out to 5721' KB.
2. Perforate 5527-32' with 2 JSPF.
3. Run 2-7/8" plastic-coated tubing and 5½" double grip retrievable packer. Set packer at 5500' and inhibit casing-tubing annulus.
4. Place well on injection.
5. Run tracer survey after injection rate stabilizes and acidize if necessary.

In addition, a 1600' injection line (2-7/8" cmt-lined steel) will be laid from E128 to a line near-by to the west.

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 06-16-82

(This space for Federal or State office use)

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

MMS(4) UOGCC(3) Navajo Tribe-Superior-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'

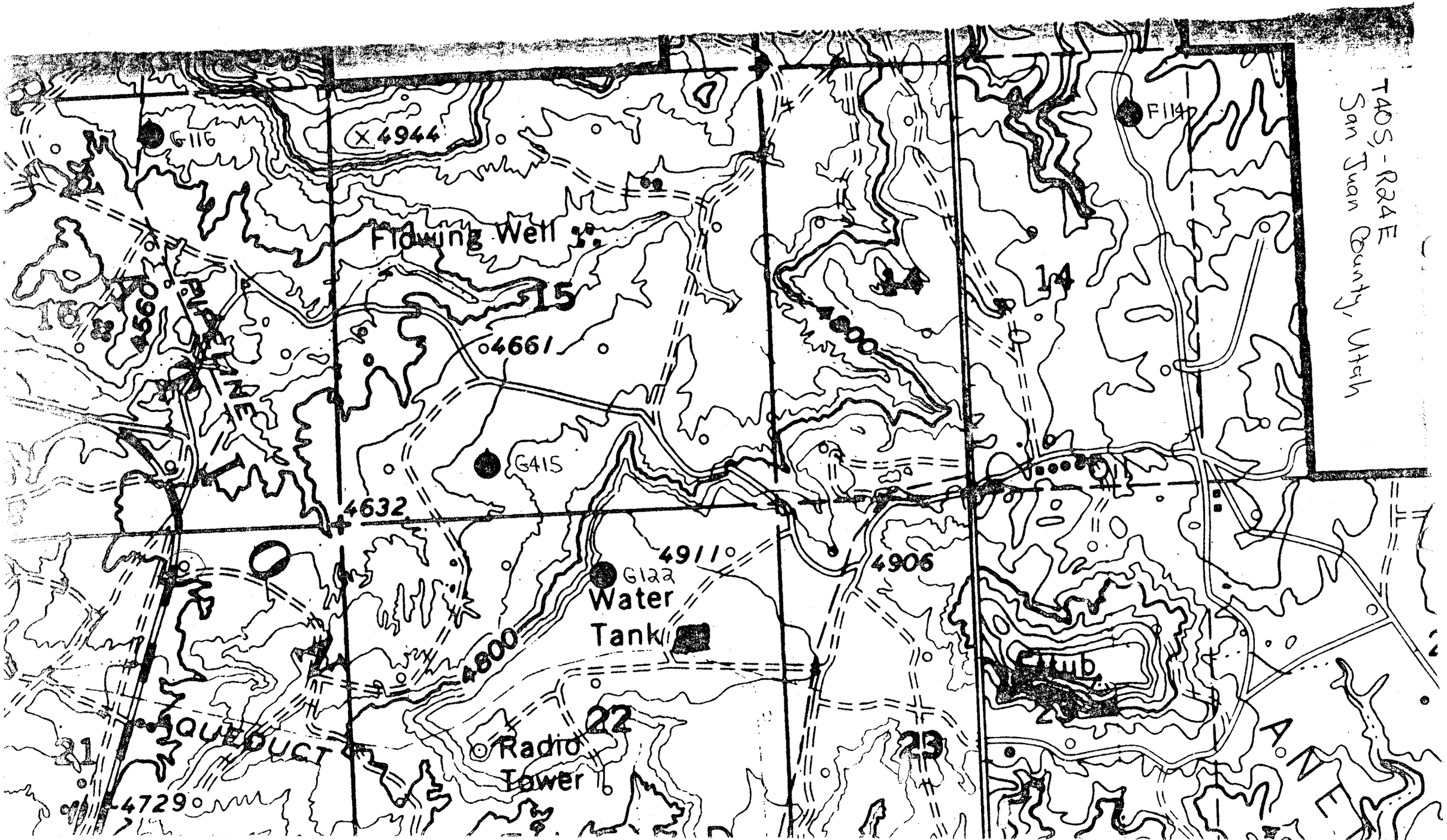
J129, NW SW, Sec. 29, T40S, R25E---------- " 1440'

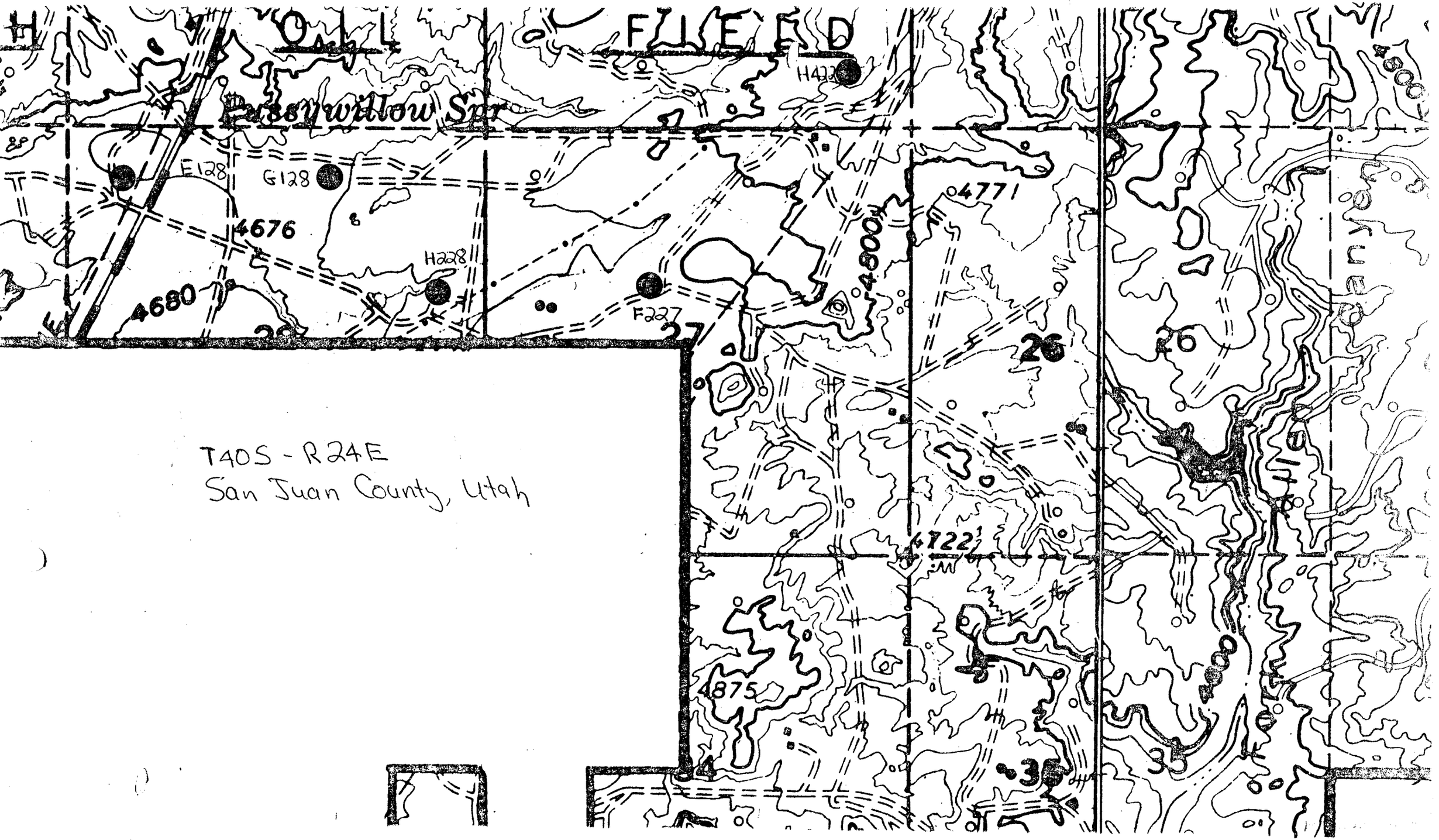
J131, NW NW, Sec. 31, T40S, R25E---------- " 3360'

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

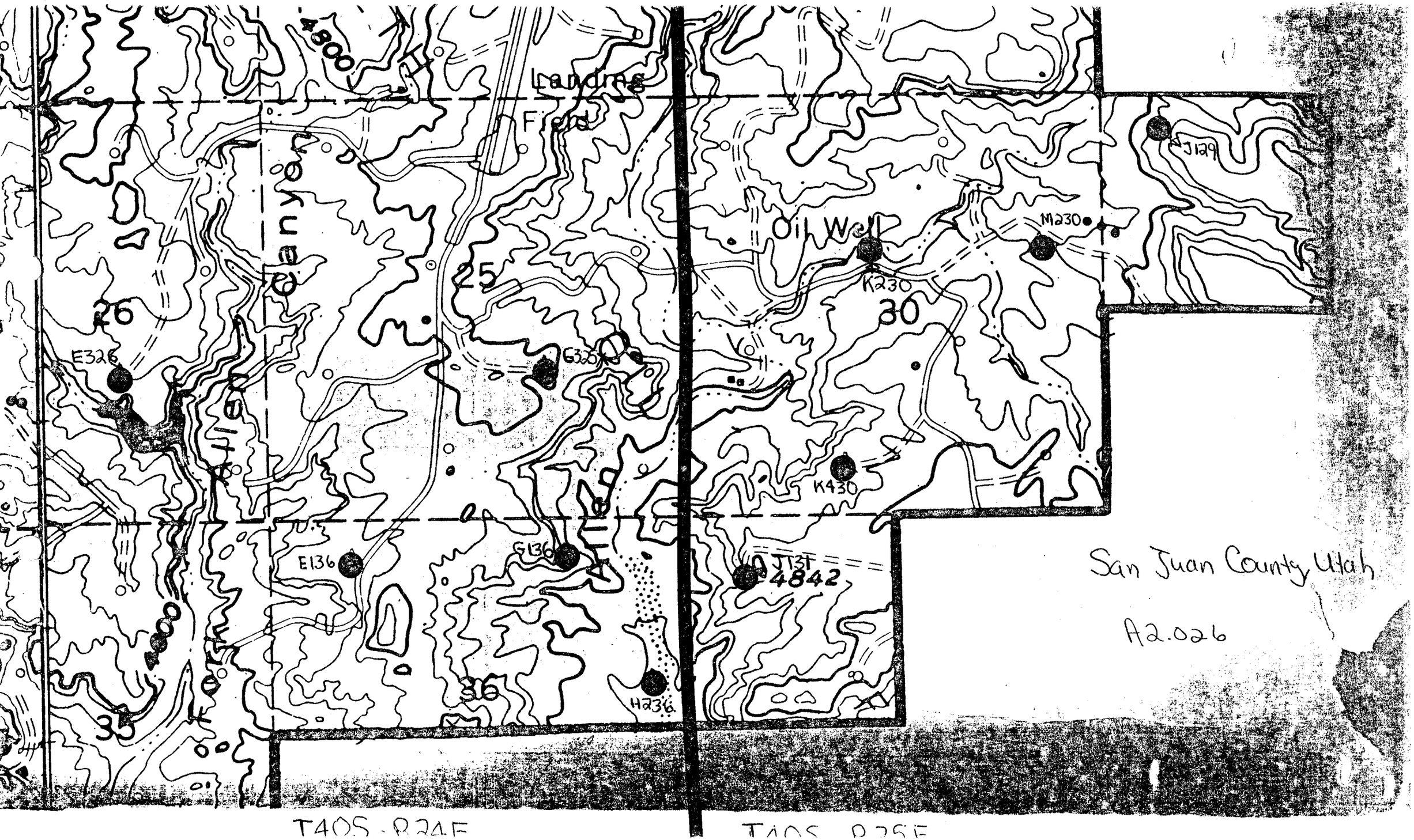
F227, SE NW, Sec. 27, T40S, R24E---------- " 2400'

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


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

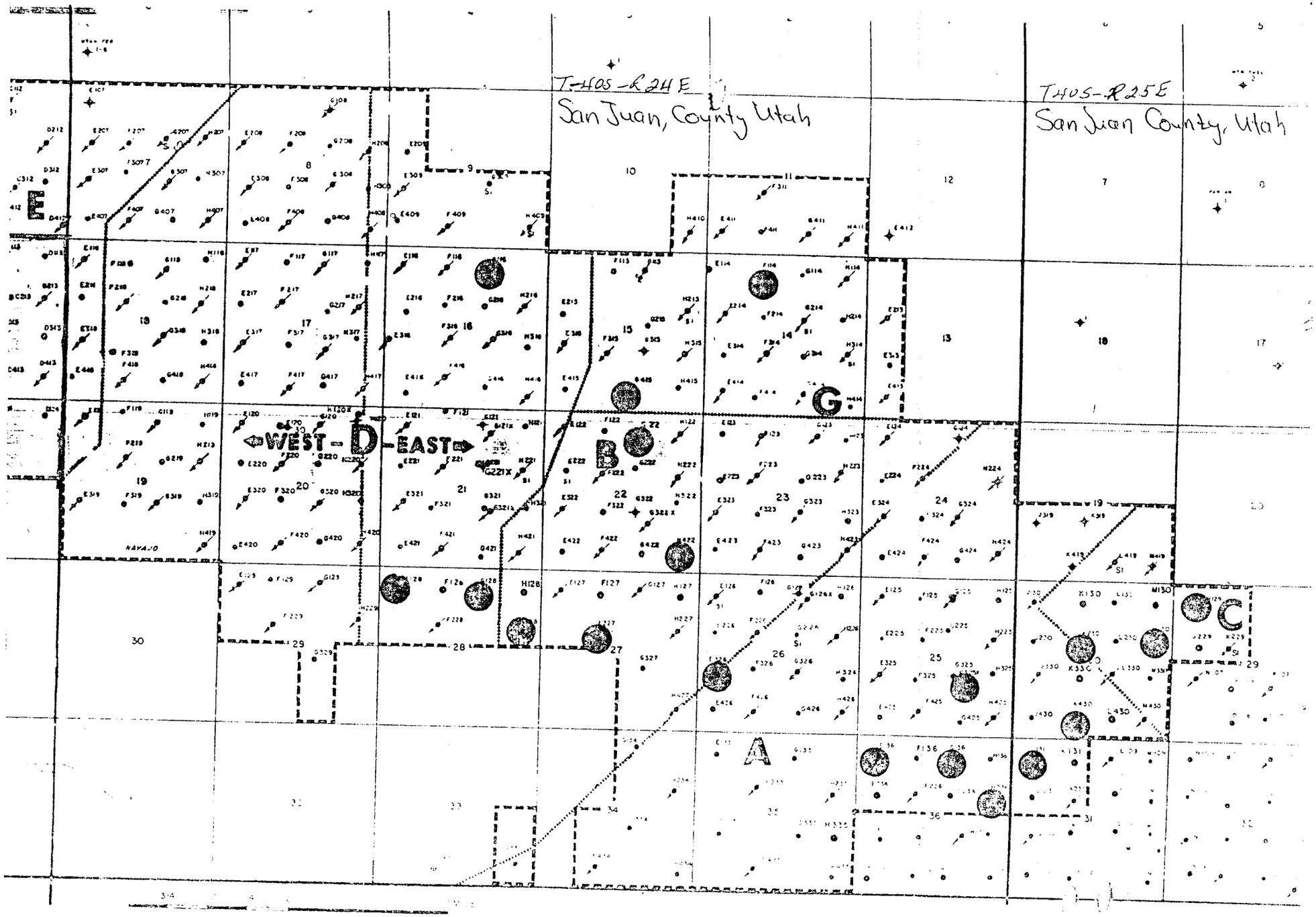


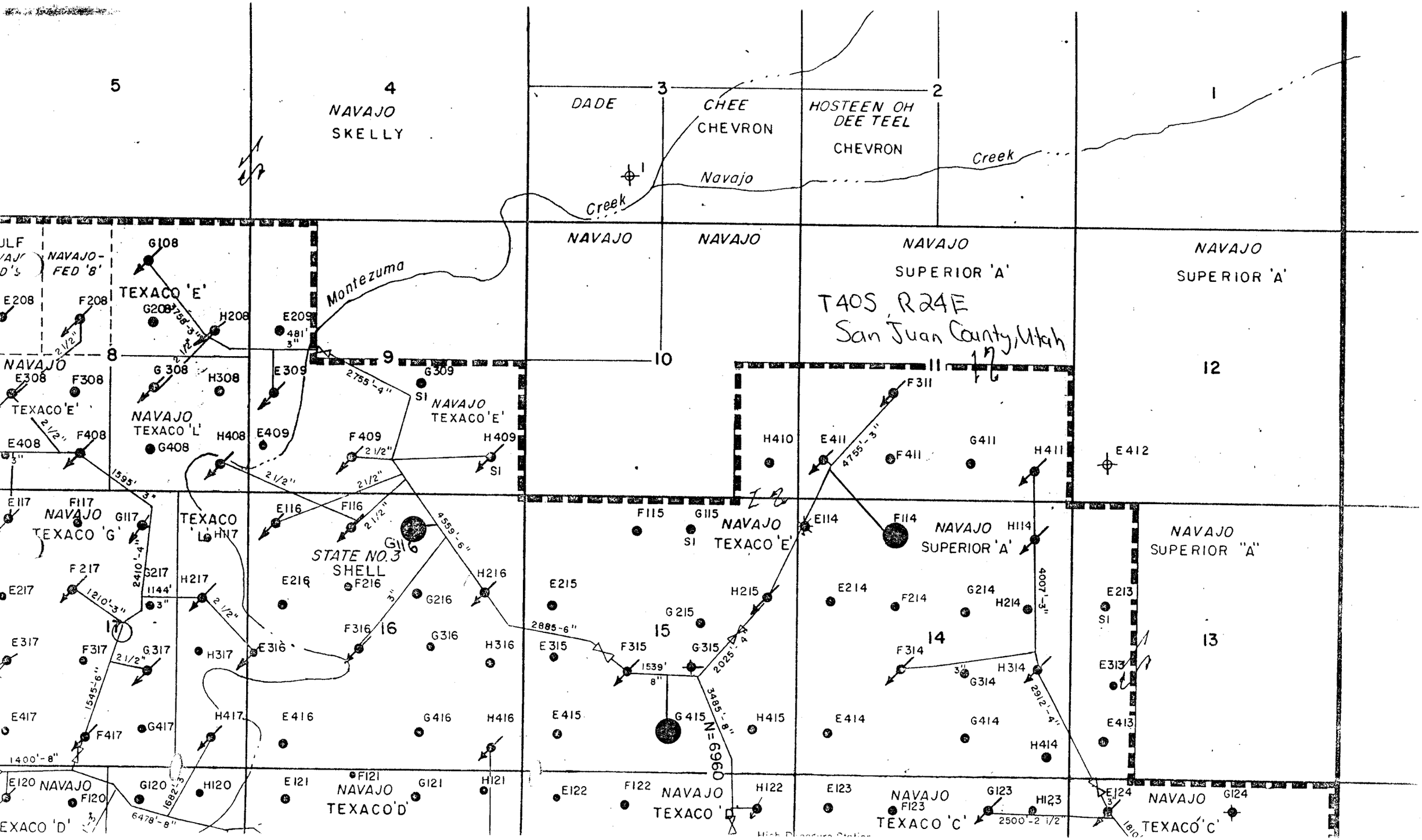
T40S - R24E
San Juan County, Utah



San Juan County, Utah

A2.026


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


T40S R24E
San Juan County, Utah
NAVAJO
SKELLY
DADE
CHEE
CHEVRON
HOSTEEN OH
DEE TEEL
CHEVRON
Navajo
Creek
Montezuma
NAVAJO
SUPERIOR 'A'
NAVAJO
SUPERIOR "A"
NAVAJO-
FED '8'
TEXACO 'E'
NAVAJO
TEXACO 'L'
NAVAJO
TEXACO 'G'
TEXACO
STATE NO. 3
SHELL
NAVAJO
TEXACO 'D'
NAVAJO
TEXACO 'C'
N=6960
1
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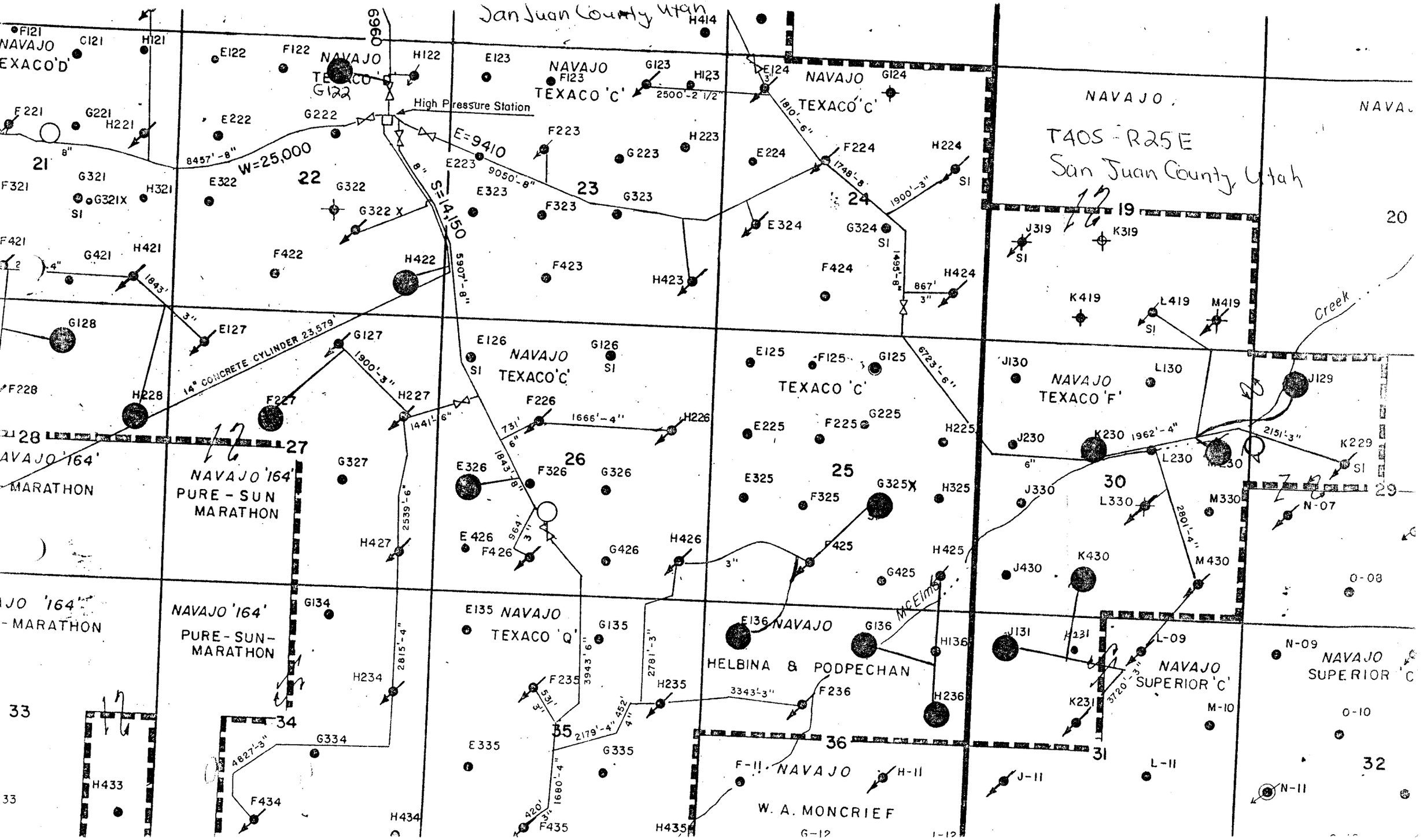
16
17


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 SUPERIOR 'C'
NAVAJO SUPERIOR
NAVAJO W. A. MONCRIEF
High Pressure Station
W=25,000
E=9410
S=14,150
14" CONCRETE CYLINDER 23,579'
McElmo Creek
21
22
23
24
19
20
28
27
26
25
30
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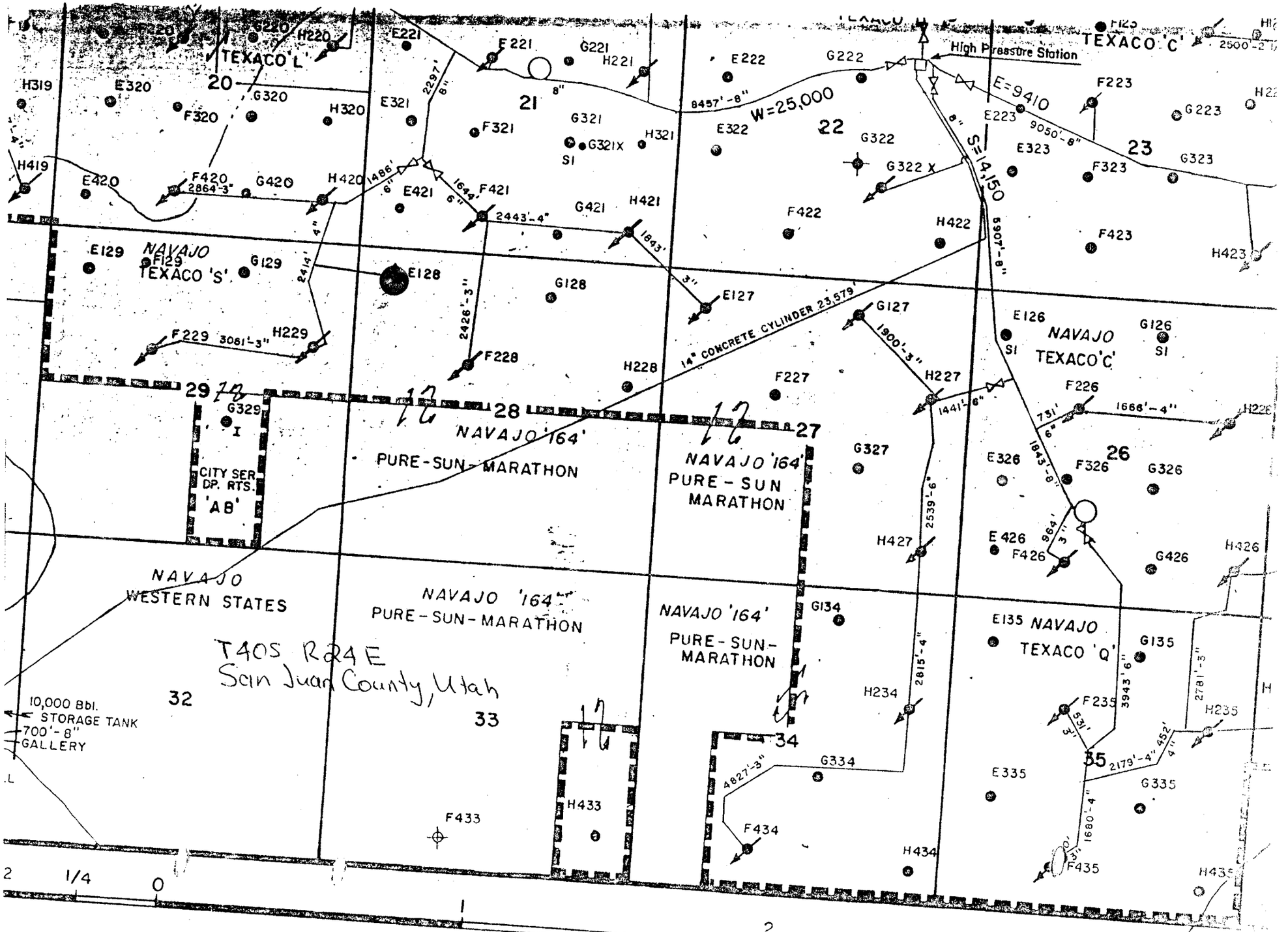
32


TEXACO 'L'
TEXACO 'C'
High Pressure Station
W=25,000
E=9410
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
27
28
29
32
33
34
35

CLASS II FILE NOTATIONS
* * * *

DATE FILED: 6/23/82 OPERATOR: Texaco WELL NO. E-128

Sec. 28 T. 40S R. 24E QRT/QRT: NWNW COUNTY: San Juan

New Well? ____ Conversion? X Disposal ____ Enhanced Recovery X

* * * * * * * *

SURETY/Bond? Yes Card Indexed? Yes API Number: 43-037-16222

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? Yes

Plat identifying location and total depth of the following, Rule I-5(b)(1):

Surface Owner(s): Indian Operators : Unit water well(s) —, abandoned well(s) —, producing wells or drilling well(s) 2, dry holes —.

Completed Rule I-5(b)(2)? Yes, (i) N/A, (ii) N/A

Schemetic diagram of Well: TD: 5767', PBTD: 5721', Depth of Inj/Disp interval: 5527-5661, geologic name of inj/dis interval Ismay-Desert Crk Casing and cement: top 34', bottom 5760', Size of: casing 13 3/8" 9 5/8", 5 1/2" tubing 2 3/8", depth of packer: 5500'. Assessment of existing cement bond: Location of Bottomhole: ____. MAXIMUM INJECTION RATE: 500 BWPD MAXIMUM SURFACE INJECTION PRESSURE: 2200 psi.

Proposed Operating Data:

Procedure for controlling injection rates and pressures: ____ Geologic name: Ismay-Desert Crk, depth, ±5600', location of injection fluid source. Analysis of water to be injected ____ tds, water of injection formation 250,000 tds., EXEMPTION REQUIRED? No.

Injection zone and confining zone data: lithologic description sandstone, limestone, anhydrite, & intermittent shale, geologic name Ismay-Desert Crk thickness 3917', depth 5527'-5661' lateral extent ____ (intervening

USDW's that may be affected by injection: geologic name Navajo, lateral extent ____, depth to the top and bottom of all known USDW's Base of fresh water = 1610'.

Contingency plans? ____.

Results of formation testing? ____.
Description of mechanical integrity test ____, injection procedure Dye Tracer Survey & acidize if necessary.

* * * * * * *

CHECKED BY: UIC ADMINISTRATOR: TP

UIC GEOLOGIST: ____

Application Complete? ____ Notice Published ____, Date: __/__/__.
DIRECTOR: Approved? ____, approval letter sent X, Requires hearing ____.

9/13/82

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 3/19/83

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name Aneth Unit E128

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 Ismay and Desert Creek

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, Colo. 81321

Alvin R. Mant
Signature

3-24-83
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.

UOGCC-JNH-CDF-ARM

Notices of publication etc. in file Aneth (F227) Section 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, Colo. ZIP 81321
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION ✓
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR INJECT FLUID INTO THE Aneth Unit E128 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.: E128	Field: Aneth	County: San Juan
Location of Enhanced Recovery Injection or Disposal Well: NW1/4 - NW1/4	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: 1610'	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: 5527 to 5661		
a. Top of the Perforated Interval: 5527	b. Base of Fresh Water: 1610'	c. Intervening Thickness (a minus b): 3917'	
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.

Suscribed and sworn to before me this 18th day of June, 1982

SEAL

Jo A. Walther

My commission expires 1/7/84

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

(OVER)

FORM DOGM-UIC-1 (continued)

INSTRUCTIONS

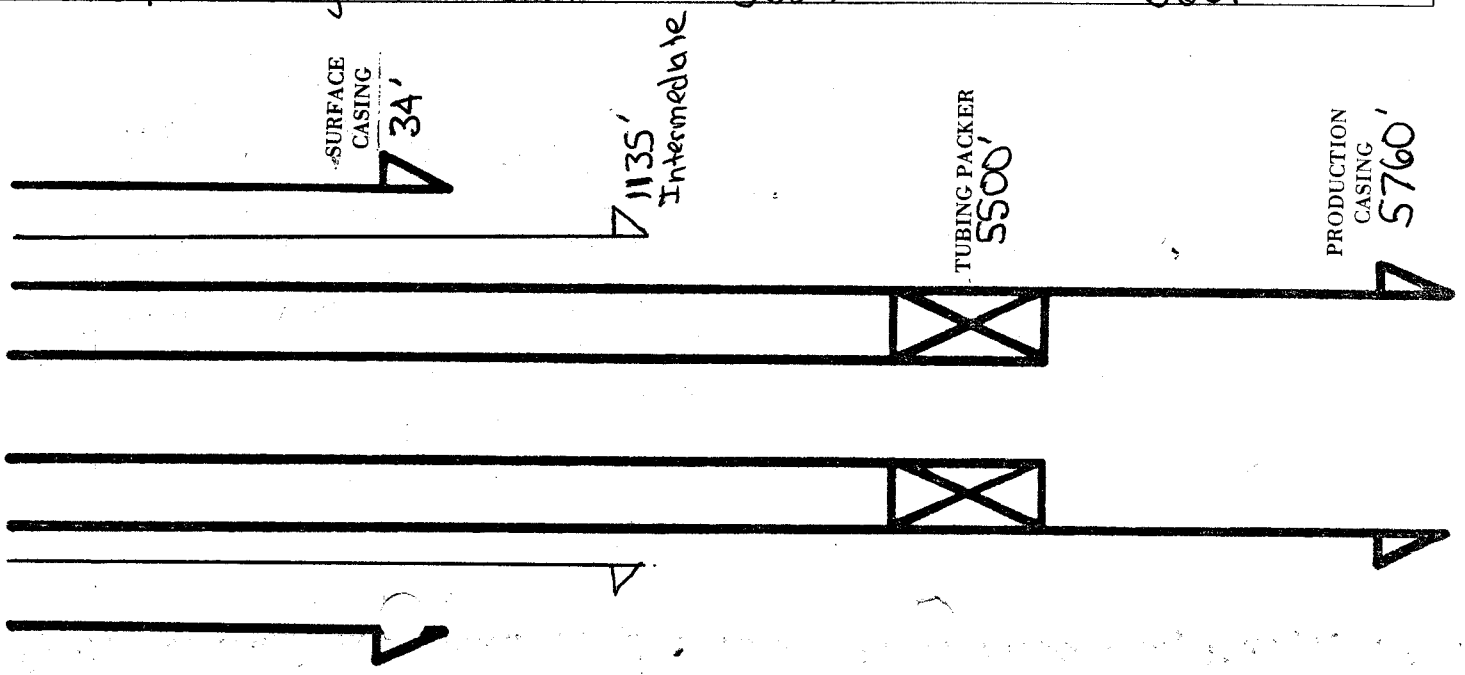
1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample 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"	34'	Not Avail.	Not Avail.	—
Intermediate	9 5/8"	1135'	Not Avail	Not Avail	—
Production	5 1/2"	5760'	Not Avail	3920'	Log (Temp)
Tubing	2 7/8"	5500'	Name - Type - Depth of Tubing Packer: 5 1/2" Double grip retrievable - Plastic Coated - 5500'		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
5767	Ismay & Desert Creek	5527	5661

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. E128
DRILLING STARTED 8-23 19 57 DRILLING FINISHED 10-6 19 57
DATE OF FIRST PRODUCTION 5-1-58 COMPLETED 5-1-58
WELL LOCATED — ¼ NW ¼ NW ¼
1980 FT. FROM SL OF ¼ SEC. & 660 FT. FROM WL OF ¼ SEC.
ELEVATION DERRICK FLOOR 4695 GROUND 4685

TYPE COMPLETION

Single Zone ✓ Desert Creek Order No. _____
Multiple Zone _____ Order No. _____
Comingled _____ Order No. _____
LOCATION EXCEPTION Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Desert Creek	5562	5738			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
13 3/8	48#	NA	34'	NA	NA	NA	NA
9 5/8	NA	NA	1135'	NA	NA	NA	NA
5 1/2	NA	NA	5760	NA	NA	NA	3920'

TOTAL DEPTH 5767

PACKERS SET DEPTH none at Present

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Desert Creek		
SPACING & SPACING ORDER NO.	40 ACRE		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	OIL WELL		
PERFORATED	5598-5666		
INTERVALS			
ACIDIZED?	1500 gals MCA		
	5000 gals 15%		
FRACTURE TREATED?	No		

INITIAL TEST DATA

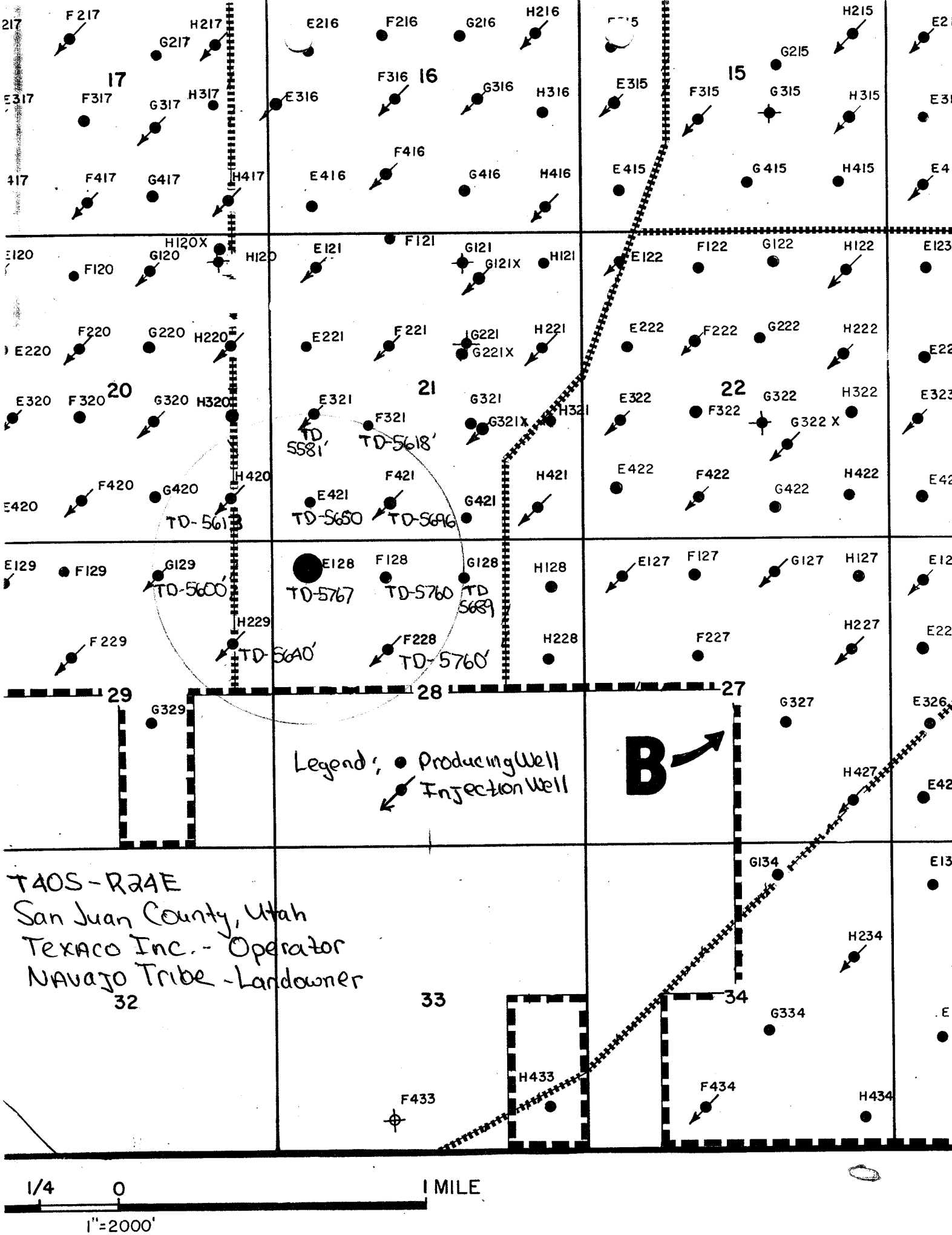
Date	5-1-58		
Oil. bbl./day	168 BOPD		
Oil Gravity	40.0		
Gas. Cu. Ft./day	— CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	—		
Water-Bbl./day	50		
Pumping or Flowing	Pumping		
CHOKE SIZE	—		
FLOW TUBING PRESSURE	—		

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

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

Telephone _____ Chris R. Mary Field Supt
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. Walthus
925 S. Broadway, Cortez, Co. 81321
My Commission expires 1/7/84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F422
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H422
TD-5613
TD-5650
TD-5696
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F128
G128
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E127
F127
G127
H127
TD-5600'
TD-5767
TD-5760
TD 5689
H229
F228
H228
F227
H227
F229
TD-5640'
TD-5760'
G329
G327
H427
G134
H234
G334
H433
F433
F434
H434
Legend: Producing Well
Injection Well
B
T40S-R24E
San Juan County, Utah
Texaco Inc. - Operator
Navajo Tribe - Landowner
1/4
0
1 MILE
1"=2000'

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, Colo. 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660'FWL & 660'FNL
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.
E128

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)
4696'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

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

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

3-16-83 - MIRUSU - Pulled rods, pump & tubing. Ran bit & scraper, cleaned out to 5687'KB. Ran corrulation log. Rigged up & perfed 5527-32 W/2JSPF. TIH W/pkr. & 2 7/8 PC tubing. Treated annulus W/corrosion inhibitor. Set pkr. at 5489'KB. Pressured up annulus to 1800#. Held OK. Flanged up wellhead. RDMOSU. Tied in wellhead & put well on injection.

1500 BWIPD Tbg. 1750 Csg. 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 3-22-83

(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-JNH-CDF-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 [X] gas well [ ] other

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: 660'FWL & 660'FNL
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.
E128

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)
4696'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.)*

3-9-84 Bled well off. Rigged up acid trucks, established rate & pres. Bullhead 500 gal 28% HCL across perfs, let soak ½ hr. Acidized gross perfs w/4500 gal 28% HCL in three stages w/a total of 1250 gal TDA & 4500 gal prod. water flush. Ave. psi 2600# at 2 bpm. ISIP=2000#, 15min. = 1200#, SI one hour, back flowed well. Hooked up injection line, put well on injection.

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

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

SIGNED Glen R. Mary TITLE Field Supt. DATE 3-30-84

(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-CDF-ARM

*See Instructions on Reverse Side

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

OPERATOR: TEXACO, INC.

FIELD: ANETH LEASE: INDIAN

WELL # E128 NWNW SEC. 28 TOWNSHIP 40S RANGE 24E

STATE FED. FEE DEPTH 5767 TYPE WELL injection MAX. INJ. PRESS. 3500 PSI

TEST DATE 7/19/84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	13 3/8"	34'	150	OPSI		
INTERMEDIATE	9 5/8"	1135'	700			
CTA PRODUCTION	5 1/2"	5670	500	OPSI		
TUBING	~~2 7/8"~~	~~5489~~	~~PAC~~	~~1900 PSI~~		

REMARKS: Well blew down in 2 seconds - no fluids - well OK

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

Operator: TEXACO INC.
Field/Unit: GREATER ANETH

Well: E-128
Township: 40S Range: 24E Sect:28

API: 43-037-16222
Welltype: INJW Max Pressure: 2200

Lease type: INDIAN
Surface Owner: NAVAJO

Last MIT Date: 03/16/83
Witness: F Test Date: 9-20-87

CASING STRING	SIZE	SET AT	PRESSURE	OBSERVATIONS
Surface:	133/8	34	0	
Intermediate:	9 5/8	1135		
Production:	5 1/2	5760	0	
Other:		0		
Tubing:	2 7/8		2250	Rate @ 325/Day
Packer:		5500		

Recommendations:

Y

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	55	ALTAMONT	S030	W060	14	SWNE	4301330056	GR-WS	PA	99998	UTE TRIBAL D-1
		365	GREATER ANETH	S400	E240	8	C-SW	4303731075		LA	99998	ANETH UNIT #E 308-I
		1	WILDCAT	S250	E130	14	NWNW	4301511324	PRDX	PA	99998	TEMPLE SPRINGS UNIT #1
				S250	E140	22	SESW	4301511325		PA	99998	TEMPLE SPRINGS UNIT #2
				S260	E080	14	SENW	4301520237		PA	99998	GOVT. W.A. STEVENSON "A"
				S260	E080	26	SWNE	4301520240		LA	99998	GOVT. W.A. STEVENSON "B"
		180	BOOK CLIFFS	S180	E220	29	SESE	4301920065		PA	99998	BOOK CLIFFS UNIT #5
		1	WILDCAT	S210	E200	18	NWSE	4301930070		PA	99998	GOVERNMENT "Y" NCT-1
				S210	E200	35	SENW	4301930048		PA	99998	GOVERNMENT "T" - 1
		365	GREATER ANETH	S400	E240	15	SWSE	4303716116	IS-DC	WIW	7000	ANETH G-415
		1	WILDCAT	S230	E190	15	SWSW	4301920038		PA	99998	GOVERNMENT MCKINNON #1
				S320	E190	28	NWSE	4303711247		PA	99998	CATARACT CANYON UNIT #1
				S320	E190	18	SWSE	4303711248		PA	99998	CATARACT CANYON UNIT #2
		365	GREATER ANETH	S400	E240	14	SENW	4303730250	DSCR	POW	7000	ANETH U F214
				S400	E240	16	SWNW	4303715833	DSCR	POW	7000	ST THREE 12-16(E216)
				S400	E240	19	NESE	4303730168	DSCR	POW	7000	ANETH U H319
				S400	E240	26	SWSW	4303730220	IS-DC	POW	7000	ANETH U E426
				S400	E240	35	SESE	4303716130	DSCR	TA	7000	NAV TRB Q-7 (H435)
		1	WILDCAT	S270	E150	32	SENE	4305511271		PA	99998	NEQUOIA ARCH UNIT #6
				S280	E040	11	SWNW	4305511272		PA	99998	THOUSAND LAKE MTN UNIT #1
		700	WALKER HOLLOW	S070	E240	3	SWSW	4304716200		PA	99998	GOV'T F S PRINCE #2
				S070	E240	3	SWNW	4304716201	GRRV	PA	99998	GOV'T F S PRINCE #3
		200	FENCE CANYON	S150	E220	36	NESE	4304716197	DKTA	PGW	7015	FENCE CYN U #1
		365	GREATER ANETH	S400	E240	8	SWSW	4303730159	IS-DC	POW	7000	ANETH U E408
				S400	E240	22	SESW	4303716085	DSCR	TA	7000	NAVAJO TRIBE D-23 (ANETH
				S400	E240	22	SESW	4303716085	IS-DC	WIW	7000	NAVAJO TRIBE D-23 (ANETH
				S400	E240	22	SESE	4303716127	DSCR	TA	7000	ANETH U H422 (NAV TRIB D-
				S400	E240	26	NWSW	4303716071	IS-DC	WIW	7000	NAVAJO TRIBE C-30 (ANETH
				S400	E240	26	NWSW	4303716071	DSCR	TA	7000	NAVAJO TRIBE C-30 (ANETH
				S400	E240	27	SENW	4303716223	DSCR	WIW	7000	ANETH 27-B2 (ANETH F-227)
				S400	E240	28	NWNW	4303716222	DSCR	WIW	7000	ANETH 28-A-1 (ANETH E-128
				S400	E240	22	SESE	4303716127	IS-DC	WIW	7000	NAVAJO TRIBE D-22 (ANETH
				S400	E240	28	NWNE	4303716224	DSCR	WIW	7000	ANETH 28-C-1 (ANETH G-128
		1	WILDCAT	S230	E130	13	NWSE	4301530226	IS-DC	PA	99998	GOVERNMENT-U.S. WEBER-NCT
				S140	E090	34	SWSW	4300730100	DKTA	WDW	99990	GOVT WA DREW #1
		200	FENCE CANYON	S150	E220	26	NESE	4304716198	MRSN	SGW	10974	FENCE CYN U 2
		365	GREATER ANETH	S400	E240	36	NWNE	4303715486	DSCR	WIW	7000	NAV TRB 2-A (G136)
				S400	E250	31	NWNW	4303715946	IS-DC	WIW	7000	NAV TRB C11-31 (J131)
				S400	E250	31	NWNW	4303715946	DSCR	TA	7000	NAV TRB C11-31 (J131)
		380	ISMAY	S400	E260	34	SWNW	4303711266	ISMY	SOW	7010	ISMY-FP S234
				S400	E260	34	SESW	4303711268	ISMY	SOW	7010	ISMAY-FP U434
		48	UNNAMED 34-14S9	S140	E090	34	SWSW	4300730114	FRSD	SOW	10778	GOVT. W.A. DREW 2
		1	WILDCAT	S150	E080	3	NWSE	4300730115		LA	99998	GOV'T B.I. GROSSER
		49	UNNAMED 10-15S8	S150	E080	10	NENW	4300730116	FRSD	SGW	10849	STELLA-HAMAKER #1
		365	GREATER ANETH	S400	E240	23	NWSE	4303716110	DSCR	PA	99998	NAVAJO TRIBE C-9 (ANETH G
				S400	E240	15	SENE	4303716311	DSCR	PA	99998	NAVAJO TRIBE E-5 (ANETH H
				S400	E240	24	NWNW	4303716281	DSCR	PA	99998	NAVAJO TRIBE C-5 (ANETH E

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

Signature R S Lane

Title Attorney-in-Fact

Date _____

Company Texaco Inc.

Address P. O. Box 3109
Midland, TX 79702

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

Signature R S Lane

Title Attorney-in-Fact

Date _____

Company Texaco Exploration and Production Inc.

Address P. O. Box 3109
Midland, TX 79702

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

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

12. COUNTY OR PARISH | 13. STATE

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

RECEIVED MAY 28 1991 DIVISION OF OIL GAS & MINING

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

NOTICE OF INTENTION TO:				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

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

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

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 A Lane
Attorney-in-Fact

DATE: _____

NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

SIGNED: R A 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

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

Routing:

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

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

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

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

FROM (former operator) TEXACO INC.
(address) 3300 NORTH BUTLER
FARMINGTON, NM 87401
FRANK
phone (505) 325-4397
account no. N 0980

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

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

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 –

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

ITY 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.

D 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.

2. 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.

ING

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.

MENTS

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

1/34-35

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

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

6. If Indian, Alottee or Tribe Name: NAVAJO TRIBE

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

1. Type of Well: ☐ OIL WELL ☐ GAS WELL ☑ OTHER WATER INJECTION

8. Well Name and Number: ANETH UNIT E128

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

3. Address and Telephone No.: 3300 N. Butler Ave, Ste100 Farmington NM 87401 325-4397

9. API Well No.: 4303716222

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit Letter D : 660 Feet From The NORTH Line and 660 Feet From The WEST Line Section 28 Township T40S Range R24E

10. Field and Pool, Exploratory Area: DESERT CREEK

11. County or Parish, State: SAN JUAN , UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☑ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Atlering Casing	☐ Conversion to Injection
	☑ OTHER: C/O & ACID	☐ Dispose Water

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

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

***** THIS SUNDRY REPORT IS FOR UTAH SEVERANCE TAX CACULAATION INFORMATION PURPOSESES ONLY *****

TEXACO EXPLORATION AND PRODUCTION INC. HAS C/O, ACIDIZED AND RETURNED THE SUBJECT WELL TO INJECTION AS FOLLOWS:

5/2-10/00 MORUSU. NIPPLE DOWN WELL HEAD NIPPLE UP BOP'S. RELEASE PACKER AND TOOH W/ TBG. AND PACKER. PICK UP 4-3/4' BIT AND 5-1/2" SCRAPER TIH W/ TOOLS AND WORK STRING. TAG FILL @ 5542' CLEANED OUT TO 5687' (PBTD) CIRCULATED CLEAN AND TOOH LAYING DOWN TOOLS. PICK UP TREATING PACKER AND 6 JTS TAIL PIPE, TIH TO 5368' WITH PKR. AND END OF TBG. @ 5495' ACIDIZED ALL PERFORATIONS WITH 2,000 GAL. 28% HCL, LET SOAK 1 HR THEN FLOWED BACK. RELEASED PKR. AND TOOH LAYING DOWN WORK STRING AND PACKER. TRIED TO HYDRO TEST INJ. TBG. IN WELL BUT TOO MUCH SCALE. TIH W/ PKR. AND TBG. FAILED MIT. TOOH LAYING DOWN INJECTION TBG. HYDRO TESTED USED CMT. LINED TBG. IN WELL TO 5417'. INHIBITED CASING WITH PACKER FLUID SET PACKER NIPPLE DOWN BOP'S NIPPLE UP WELL HEAD. MIT CASING PASSED. RDMOSU.

RECEIVED

JUN 12 2000

DIVISION OF OIL, GAS AND MINING

WTC 7-10-00 RJW

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

SIGNATURE Robert James TITLE Eng. Assistant DATE 06/01/2000

TYPE OR PRINT NAME Robert James

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

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

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)

FORM 9

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 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 Allen S. Robinson

DATE April 30, 2002

(This space for State use only)

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

8. WELL NAME and NUMBER: See Attachment

9. API NUMBER: See Attach

10. FIELD AND POOL, OR WILDCAT: Desert Creek

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

2. NAME OF OPERATOR: Resolute Natural Resources Company N2700

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: 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
EL
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

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

8. WELL NAME and NUMBER: See attached exhibit.

2. NAME OF OPERATOR: Resolute Natural Resources Company

9. API NUMBER: See attached exhibit.

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: Aneth

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
ER
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: [signature]
Title: UIC Geologist
Approval Date: 12-29-04

Comments: Transfer of Authority to Inject into the Aneth C214 and Aneth B14 contingent on this office receiving a corrective action plan for each well. ~~Both 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 TRIBE E-16 (ANETH H-208)	08	400S	240E	4303716119	99990	Indian	WI	A
NAVAJO TRIBE E-7 (ANETH H-410)	10	400S	240E	4303716125	99990	Indian	WI	I
NAVAJO TRIBAL G-5 (ANETH H-218)	18	400S	240E	4303716120	99990	Indian	WI	A
NAVAJO TRIBE D-3 (ANETH H-219)	19	400S	240E	4303716121	99990	Indian	WI	A
NAVAJO TRIBE D-7 (ANETH H-221)	21	400S	240E	4303716122	99990	Indian	WI	A
NAVAJO TRIBE D-2 (ANETH H-122)	22	400S	240E	4303716117	99990	Indian	WI	A
NAVAJO TRIBE D-22 (ANETH H-422)	22	400S	240E	4303716127	7000	Indian	WI	I
NAVAJO TRIBE C-8 (ANETH H-223)	23	400S	240E	4303716123	99990	Indian	WI	A
NAVAJO TRIBE C-3 (ANETH H-423)	23	400S	240E	4303716128	7000	Indian	WI	A
NAVAJO TRIBE C-11 (ANETH H-225)	25	400S	240E	4303716124	11883	Indian	WI	A
NAVAJO TRIBE C-24 (ANETH H-425)	25	400S	240E	4303716129	99990	Indian	WI	A
ANETH 27-B2 (ANETH F-227)	27	400S	240E	4303716223	7000	Indian	WI	I
ANETH 28-A-1 (ANETH E-128)	28	400S	240E	4303716222	7000	Indian	WI	A
ANETH 28-C-1 (ANETH G-128)	28	400S	240E	4303716224	7000	Indian	WI	A
ANETH UNIT L-419	19	400S	250E	4303716140	99990	Indian	WI	A
NAVAJO TRIBE F-8 (ANETH J-129)	29	400S	250E	4303716131	99990	Indian	WI	A
NAVAJO TRIBE F-9 (ANETH J-130)	30	400S	250E	4303716132	99990	Indian	WI	A
NAVAJO TRIBE F-5 (ANETH J-330)	30	400S	250E	4303716134	99990	Indian	WI	A
NAVAJO TRIBE F-2 (ANETH K-230)	30	400S	250E	4303716135	99990	Indian	WI	A
NAVAJO TRIBE F-7 (ANETH K-430)	30	400S	250E	4303716137	99990	Indian	WI	A
NAVAJO TRIBE F-6 (ANETH L-330)	30	400S	250E	4303716139	99990	Indian	WI	A
NAVAJO TRIBE F-10 (ANETH M-230)	30	400S	250E	4303716141	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:

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2056

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: ANETH 28-A-1 (ANETH E-128)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037162220000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0660 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 28 Township: 40.0S Range: 24.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/7/2014	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Resolute Natural Resources respectfully submits this sundry as notice of acidizing on the above well. Attached are the procedures and schematic

Accepted by the Utah Division of Oil, Gas and Mining

Date: November 12, 2014

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	11/3/2014

RECEIVED: Nov. 03, 2014

RESOLUTE
NATURAL RESOURCES

AU E-128 Backflow/Bullhead Acid Project

Procedure

1) Set frac tank on location.
2) Shut-in 'riser valve' & 'horizontal isolation valve'.
3) Backflow well to frac tank (±500 bbls).
4) Spot 400 gals xylene on perforated interval.
5) Soak for 30 minutes.
6) Pump 2,500 gals 20% HCL thru perforated interval.
7) Soak for 60 minutes.
8) Flush lateral line to frac tank (until clean).
9) Return well to H2O injection (choke wide open).
10) Move frac tank to next location.

RESOLUTE NATURAL RESOURCES

SCHEMATIC

Well Name: E128 Aneth Unit

API Number	Surface Legal Location	Section	Township	Range	Well Spud Date/Time	Field Name	State/Province
43037162220000	NW NW	28	40S	24E		Aneth	Utah

Edit

Original KB Elevation (ft)	KB-Ground Distance (ft)	Total Depth (ftKB)	PBTD All (ftKB)
		5,760.0	Original Hole - 5687.0

Wellbore Config: - Original Hole, 12/17/2012 12:31:19 PM

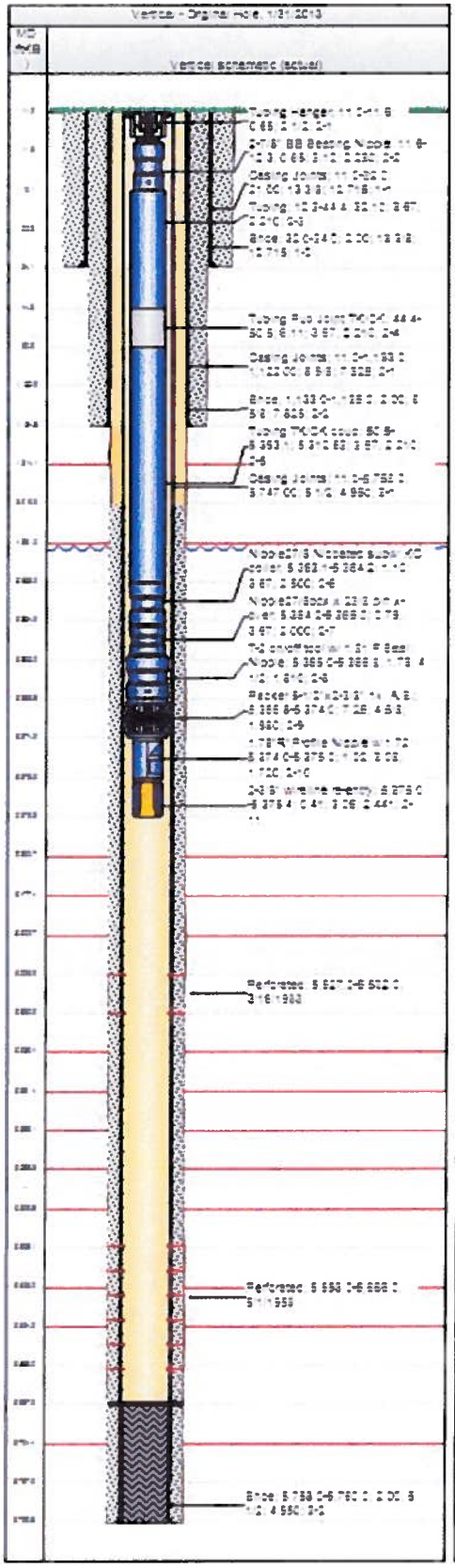
ftKB (MD)	Schematic - Actual	Frm Final
11		
32	10/6/1957, Casing cement, 150 sx circ to surf, 11-34	
34	Conductor, 13 3/8, 34	
1,133	10/6/1957, Casing cement, 700 sx circ to surf, 11-1,135	
1,135	Surface, 8 5/8, 1,135	
1,514		CHINLE, 1,514
3,920	Cement Line Injection Tubing, 5,417, 5/12/2000	
4,561		HERMOSA, 4,561
5,391		ISMAY, 5,391
5,411		
5,417		
5,477		LISA, 5,477
5,521		LISB, 5,521
5,527	3/16/1983, Perforated, 5,527-5,532, Zone: Perf Status: ACTIVE, 3/1/1983 00:00	
5,532		
5,539		LISC, 5,539
5,561		DC_IA, 5,561
5,580		DC_IB, 5,580
5,588		DC_IC, 5,588
5,597		DC_IIA, 5,597
5,598		
5,626	5/1/1958, Perforated, 5,598-5,666, Zone: Perf Status: ACTIVE, 3/1/1983 00:00	DC_IIB, 5,626
5,654		DC_IIC, 5,654
5,666		
5,687	PBTD, 5,687	
5,704		DC_III, 5,704
5,758		
5,760	Production, 5 1/2, 5,760 10/6/1957, Casing cement, 500 sx logged TOC, 3,920-5,760	

Report Printed: 12/17/2012

Resolute

Well Name: AU E-128

API Number	Section	Qtr/Qtr	Township	Range	Block	Reg Spud Date/Time	Field Name	County	State/Prov	Well No
4303716222	28	NW NW	40S	24E		8/23/1957 00:00	Aneth Unit	San Juan	Utah	65.42



Tubing

Tubing Description	Set Depth (ftKB)	Run Date	Pull Date
Tubing - Production	5,375.4	1/31/2013	

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing Hanger	2 1/2					0.65	11.0	11.6
1	2-7/8" SS Seating Nipple	3.12	2.280				0.65	11.6	12.3
1	Tubing	3.67	2.210	6.50	J-55		32.10	12.3	44.4
1	Tubing Pup Joint TK/CK	3.67	2.210				6.11	44.4	50.5
165	Tubing TK/CK coup	3.67	2.210	6.50	J-55		5,312.63	50.5	5,363.1
1	Nipple27/8 N/coated subw/ KC collar	3.67	2.500				1.10	5,363.1	5,364.2
1	Nipple27/8box x 23/8 pin x-over	3.67	2.000				0.79	5,364.2	5,365.0
1	T-2 on/off tool w/ 1.81 F Seal Nipple	4 1/2	1.810				1.73	5,365.0	5,366.8
1	Packer 5-1/2"x2-3/8" 1x A.S.	4 5/8	1.980				7.25	5,366.8	5,374.0
1	1.76" R" Profile Nipple w/1.72	3.08	1.720				1.02	5,374.0	5,375.0
1	2-3/8" wireline re-entry	3.06	2.441				0.41	5,375.0	5,375.4

Printed: 10/29/2014

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2056

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: ANETH 28-A-1 (ANETH E-128)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037162220000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0660 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 28 Township: 40.0S Range: 24.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 11/19/2014
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Resolute Natural Resources respectfully submits this sundry as notice that the acid treatment on the above well was completed on 11/19/2014. Totals are 800 gals xylene, 2621 gals HCL 205 and 1520 gals FW

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 19, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	2/18/2015

RECEIVED: Feb. 18, 2015

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2056

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: ANETH 28-A-1 (ANETH E-128)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037162220000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0660 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 28 Township: 40.0S Range: 24.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 9/1/2015
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: UIC Repair

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

Resolute Natural Resources respectfully submits this sundry as notice of UIC repair on the above well Attached are the procedures and schematic

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 20, 2015

By: Dark K Dunt

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	8/17/2015

RECEIVED: Aug. 17, 2015

Resolute

Natural Resources

Re: AU E-128 UIC Repair

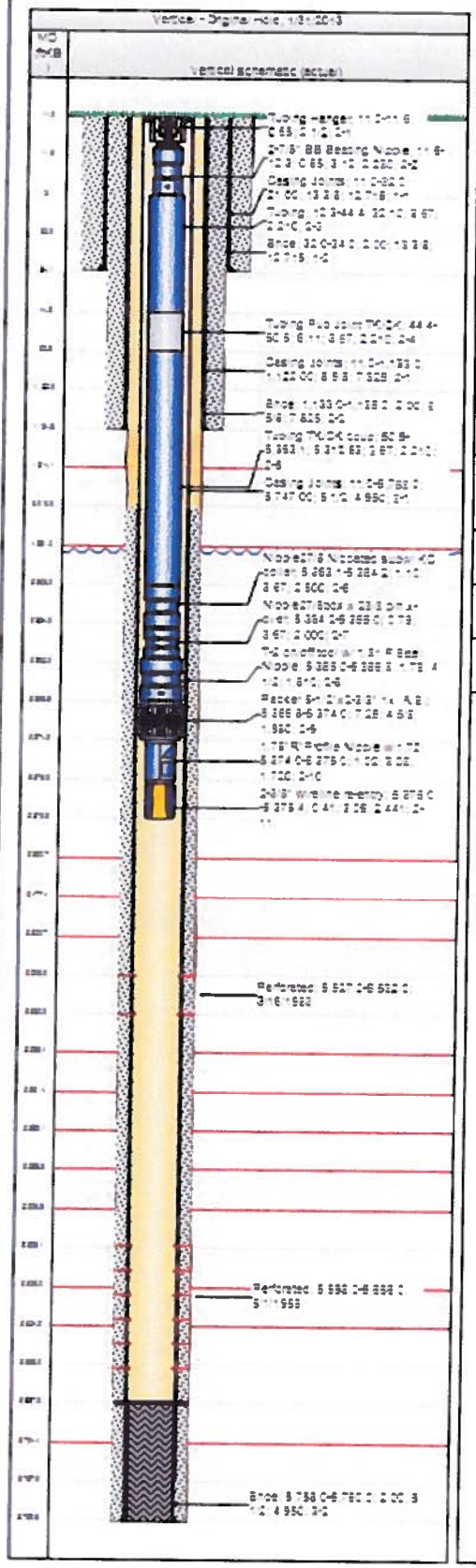
Procedure

1) MIRU. Kill well as necessary. NDWH. NUBOPE.
2) Pull injection equipment
3) Make bit/scraper run (spaced) to 5687' (PBTD).
4) Run injection equipment
   Note: *Install Miller's dual injection packer assembly*
   Note: *Miller Packer Contact: Gary Workman (435)828-0935*
5) Circulate packer fluid
6) Mock MIT
   Note: *Horsley-Witten directive requires corrective action if csg leak(s) detected.*
7) NDBOPE. NUWH.
8) Flush Lateral Line
9) RDMOL
10) MIT (NNEPA)
11) RWTI

Resolute

Well Name: AU E-128

API Number	Section	Qtr/Qtr	Township	Range	Block	Reg Spud Date/Time	Field Name	County	State/Prov	Well No
4303716222	28	NW NW	40S	24E		8/23/1957 00:00	Aneth Unit	San Juan	Utah	62.39



Tubing

Tubing Description: Tubing - Production | Set Depth (ftKB): 5,375.4 | Run Date: 1/31/2013 | Pull Date:

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing Hanger	2 1/2					0.65	11.0	11.6
1	2-7/8" SS Seating Nipple	3.12	2.280				0.65	11.6	12.3
1	Tubing	3.67	2.210	6.50	J-55		32.10	12.3	44.4
1	Tubing Pup Joint TK/CK	3.67	2.210				6.11	44.4	50.5
165	Tubing TK/CK coup	3.67	2.210	6.50	J-55		5,312.63	50.5	5,363.1
1	Nipple27/8 N/coated subw/ KC collar	3.67	2.500				1.10	5,363.1	5,364.2
1	Nipple27/8boxx 23/8 pin x-over	3.67	2.000				0.79	5,364.2	5,365.0
1	T-2 on/off tool w/ 1.81 F Seal Nipple	4 1/2	1.810				1.73	5,365.0	5,366.8
1	Packer 5-1/2"x2-3/6" 1x A.S.	4 5/8	1.980				7.25	5,366.8	5,374.0
1	1.78" R" Profile Nipple w/1.72	3.08	1.720				1.02	5,374.0	5,375.0
1	2-3/8" wireline re-entry	3.06	2.441				0.41	5,375.0	5,375.4

Printed: 8/12/2015

Resolute

Well Name: AU E-128

API Number	Section	Qtr/Qtr	Township	Range	Block	Reg Spud Dt/Tm	Field Name	County	State/Prov	Wi (%)
4303716222	28	NW NW	40S	24E		9/23/1957 00:00	Aneth Unit	San Juan	Utah	62.39

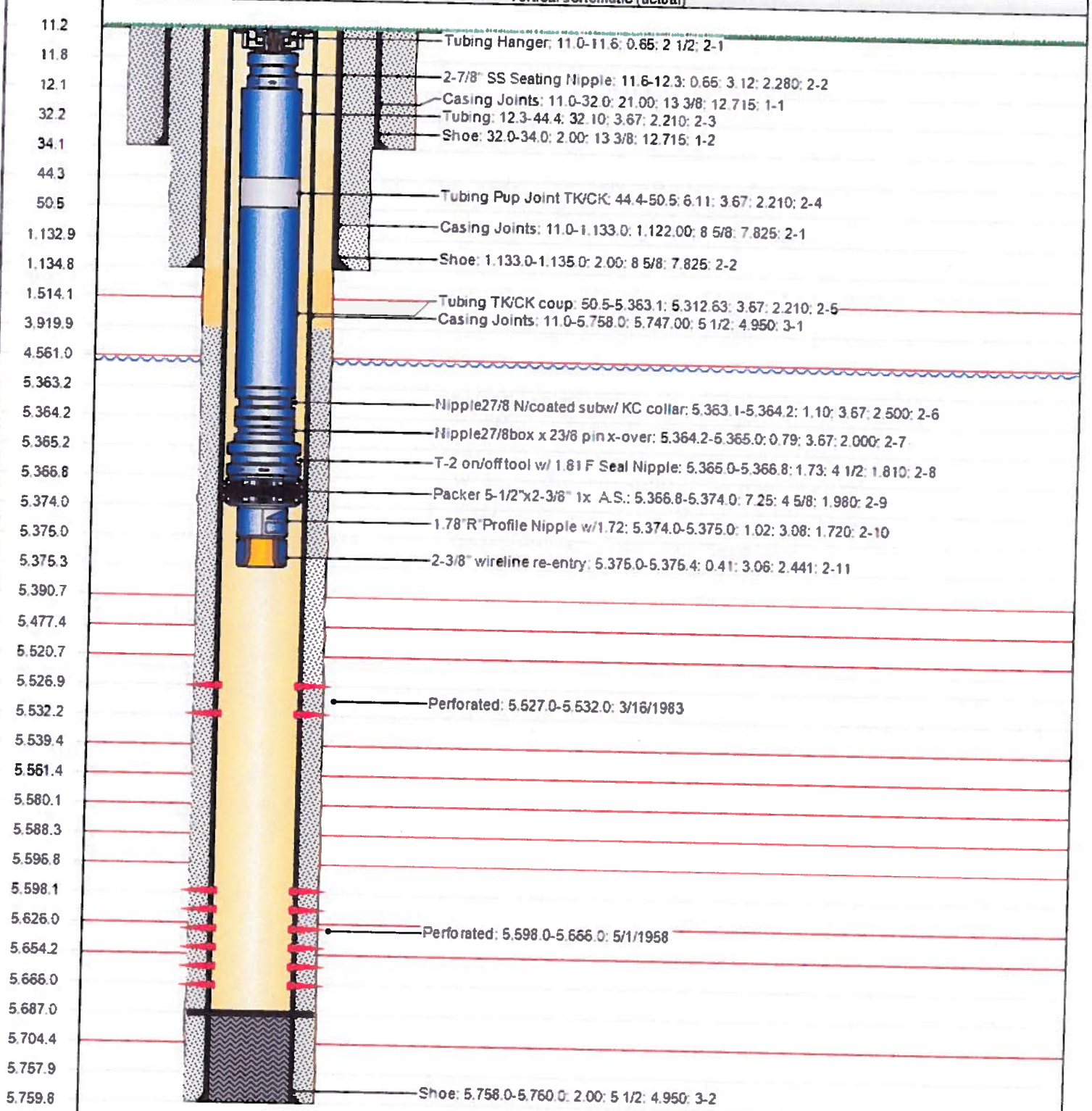
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Start Date	End Date
Workover	UIC Repair		4/30/2015	

TD: 5,760.0

Vertical - Original Hole, 8/12/2015 2:21:49 PM

Vertical schematic (actual)



Printed: 8/12/2015

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2056

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: ANETH 28-A-1 (ANETH E-128)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037162220000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0660 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 28 Township: 40.0S Range: 24.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/9/2015	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: UIC Repair

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

Resolute Natural Resources respectfully submits this sundry as notice that the UIC repair on the above well was completed on 9/9/2015 according to previously approved procedures

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 06, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	1/5/2016

RECEIVED: Jan. 05, 2016

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-2056

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.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: ANETH 28-A-1 (ANETH E-128)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037162220000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0660 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNW Section: 28 Township: 40.0S Range: 24.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 9/9/2015
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: UIC Repair

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

Resolute Natural Resources respectfully submits this sundry as notice that the UIC repair on the above well was completed on 9/9/15

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
January 06, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst

SIGNATURE	DATE
N/A	1/6/2016

RECEIVED: Jan. 06, 2016