FILE NOTATIONS

Entered in NID 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 2-14-58 Location Inspected

OW ✓ WW TA Bond released

GW OS PA State or Fee Land

LOGS FILED

Driller's Log 5-8-58

Electric Logs (No.) 2

E I E-I GR GR-N Micro

Lat Mi-L Sonic Others Radioactivity Log (2)

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: 2 electric * Subsequent Report of acidizing 7-11-63
Well Log 910611 Texaco Inc. to Texaco E&P Inc. eff. 1-1-91.
have file
*971002 apprv Re-entry; 4 Horiz lats

DATE FILED	1-24-58 *9.11.97		
LAND: FEE & PATENTED	STATE LEASE NO.	PUBLIC LEASE NO.	INDIAN ~~146028~~
DRILLING APPROVED:	1-24-58	*9.23.97	
SPUDDED IN:	1- 8-58	* 4-9-63	
COMPLETED:	2-14-58	* 4-11-63	*1-15-98
INITIAL PRODUCTION:	2052 BOPD	* 652 BOPD 12 BWPD	
GRAVITY A. P. I.	43°		
GOR:	787:1		
PRODUCING ZONES:	Hermosa: ~~5761-70'~~ 5600-5770 * 4 horiz Lat'n; See file		
TOTAL DEPTH:	5852' Paradox * MD-7644-TVD 5667.30		
WELL ELEVATION:	4825 DF		
DATE ABANDONED:			
FIELD OR DISTRICT:	Aneth		
COUNTY:	San Juan		
WELL NO.	NAVAJO TRIBE C - 20 (Aneth-F225)		API 43-037-16080
LOCATION:	2040 FT. FROM (N) (X) LINE,	2080 FT. FROM (X) (W) LINE. SE¼ NW¼ QUARTER - QUARTER SEC.	25

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
40 S	24 E	25	TEXACO E&P INC.				

GEOLOGIC TOPS:

QUATERNARY	Star Point	Sinbad	Brazer
Recent	Wahweap	PERMIAN	Pilot shale
Alluvium	Masuk	Kaibab	Madison
Lake beds	Colorado	Coconino	Leadville
Pleistocene	Mancos	Cutler	Redwall
Lake beds	Upper	Hoskinnini E2533	DEVONIAN
TERTIARY	Middle	DeChelly E2712	Upper
Pliocene	Lower	White Rim	Middle
Humboldt	Emery	Organ Rock E2837	Lower
Salt Lake	Blue Gate	Cedar Mesa	Ouray
Miocene	Ferron	Halgaite tongue	Elbert
Bishop conglomerate	Frontier	Phosphoris	Guilmette
Oligocene	Dakota	Park City	Simonson dolomite
Norwood	Burro Canyon	Rico (Goodridge)	Sevy dolomite
Eocene	Cedar Mountain	Supai	North Point
Duchesne River	Buckhorn	Bird Springs	SILURIAN
Uinta	JURASSIC	CARBONIFEROUS	Laketown dolomite
Bridger	Morrison	Pennsylvanian	ORDOVICIAN
Green River	Salt Wash	Oquirrh	Eureka quartzite
Upper	San Rafeal Gr.	Weber	Pogonip limestone
Middle	Summerville	Morgan	CAMBRIAN
Lower	Bluff sandstone	Hermosa E 4632'	Lynch
Wasatch	Curtis	Upper (D) E 5435'	Bowman
Colton	Entrade	Lower (B) E 5591'	Tapeats
Flagstaff	Moab tongue	Molas	Ophir
Almy	Carmel	Paradox E 5788'	Tintic
Paleocene	Glen Canyon Gr.	A	PRE-CAMBRIAN
Current Creek	Navajo E839	B	
North Horn	Kayento E1193	C	
CRETACEOUS	Wingate E1229	Manning Canyon	
Montana	TRIASSIC	Mississippian	
Mesaverde	Chinle E1560	Chainman shale	
Price River	Shinarump	Humbug	
Blackhawk	Mo[illegible]ni	Joana limestone	

ACME VISIBLE RECORD VIRGINIA #78846-8

Form 9-331 b
(April 1952)

Open. Copy

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

APPROVED
DEC 30 1957
Samuel L. Plummer
SAMUEL L. PLUMMER
ACTING DISTRICT ENGINEER

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Cont. No. I-149-Ind-8638

Allottee

Lease No.

Lease No. 146028

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED
DEC 26 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

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

Fort Worth, Texas, December 23, 1957

NAVAJO TRIBE "C

Well No. 20 is located 2040 ft. from {N} line and 2080 ft. from {W} line of sec. 25

SE¼NW¼ Sec. 25 (¼ Sec. and Sec. No.) 40 South, 24 East (Twp.) (Range) SLM (Meridian)

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

The elevation of the derrick floor above sea level is 4825 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)

OBJECTIVE FORMATION	SIZE CASING	CASING PROGRAM (APPROX Set At	Cement
Top of Aneth 5850'	8-5/8" (1500') 24.0# New	1500'	1000 sx.
	5-1/2" (5500') 14.0# New		
	5-1/2" (350') 15.5# New	5850'	500 sx.

2178 from LFS 1-13-58

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

Company THE TEXAS COMPANY

Address P. O. Box 1720

Fort Worth 1, Texas

THE TEXAS COMPANY

By J. J. Velten

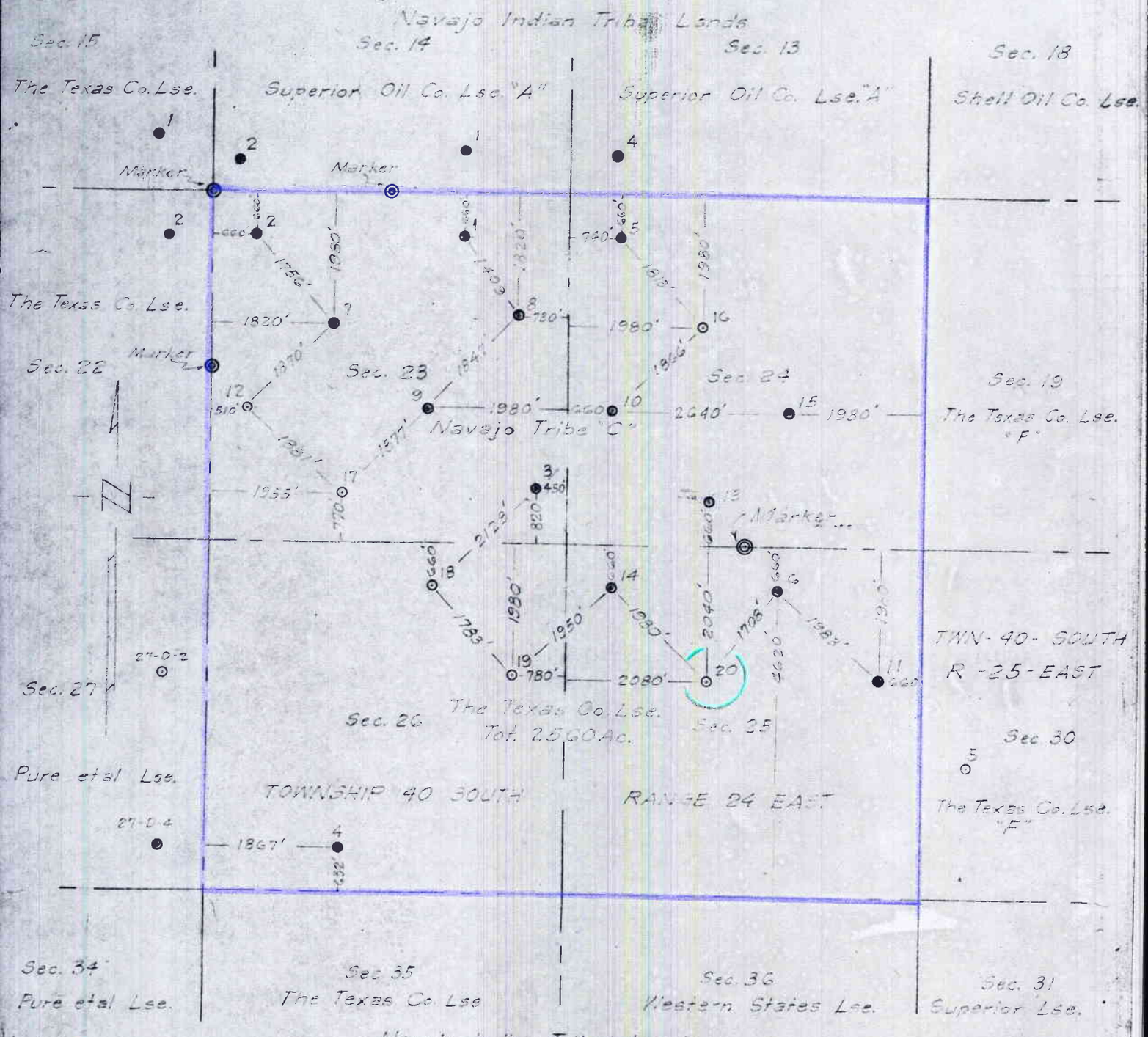
J. J. Velten

Title Division Civil Engineer

Aclh

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

-3



SAN JUAN COUNTY, UTAH

Scale: 1" = 2000'

RECEIVED
DEC 26 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

This is to certify that the courses, distances and objects reflected on the plat to which this certificate is affixed were observed and compiled under my supervision and, according to my best knowledge and belief, are true and correct.

JOHN J. VELTEN
8174
REGISTERED PROFESSIONAL ENGINEER

J. J. Velten
Division Civil Engineer
The Texas Company
Registered Professional Engineer - State of Texas

THE TEXAS COMPANY

TEXACO PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
WEST TEXAS DIVISION

P. O. BOX 1720
FORT WORTH 1, TEXAS

January 22, 1958

146027 - Navajo Tribe "D" Lease
146028 - Navajo Tribe "C" Lease
146029 - Navajo Tribe "F" Lease
San Juan County, Utah

NAVAJO "C" WELLS NO. 20, 21, 22 and 23
" "D" WELLS NO. 18, 19, 20 and 21
" "F" WELLS NO. 6 and 7

Mr. Cleon B. Feight
Secretary,
Oil and Gas Conservation
State of Utah
Salt Lake City 14, Utah

Dear Sir:

As we discussed in our telephone conversation today, I am enclosing photo copies of our Notice of Intention to Drill, approved by the U.S.G.S. for the following Texaco wells:

NAVAJO TRIBE "C" 20, 21, 22 and 23
NAVAJO TRIBE "D" 18, 19, 20 and 21
NAVAJO TRIBE "F" 6 and 7

Your advising us concerning the Notice of Intention to Drill for the above wells is appreciated.

Yours very truly,

J. J. Velten

J. J. Velten
Division Civil Engineer

JJV-WLH
Encl.

January 24, 1958

The Texas Company
P. O. Box 1720
Fort Worth 1, Texas

Attention: J. J. Velten, Division Civil Engineer

Gentlemen:

This is to acknowledge receipt of your letter of January 22, 1958, and the notices of intention to drill for the following wells located in San Juan County, Utah:

Well No. Navajo Tribe C-20, 2040 feet from the north line and 2080 feet from the west line of Section 25, Township 40 South, Range 24 East, SLBM:

Well No. Navajo Tribe C-21, 1980 feet from the south line and 660 feet from the west line of Section 25, Township 40 South, Range 24 East, SLBM:

Well No. Navajo Tribe C-22, 1980 feet from the south line and 1980 feet from the east line of Section 25, Township 40 South, Range 24 East, SLBM;

Well No. Navajo Tribe C-23, 1950 feet from the north line and 1900 feet from the west line of Section 26, Township 40 South, Range 24 East, SLBM;

Well No. Navajo Tribe F-6, 2120 feet from the south line and 1960 feet from the east line of Section 30, Township 40 South, Range 25 East, SLBM;

Well No. Navajo Tribe F-7, 660 feet from the south line and 1980 feet from the west line of Section 30, Township 40 South, Range 25 East, SLBM.

Please be advised that insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted.

This approval terminates within 90 days if the above mentioned wells

are not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:cn

cc: Phil McGrath
USGS, Farmington,
New Mexico

Form 9-331b
(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 Tribal

Allottee

Lease No. I-149-IND-8838

71 K
3-17

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Navajo Tribe "C" March 13, 1958

Well No. 20 is located 2040 ft. from {N/S} line and 2080 ft. from {E/W} line of sec. 25

NW¼ of Sec. 25 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) SLM (Meridian)

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

The elevation of the derrick floor above sea level is 4825 ft.

DETAILS OF WORK

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

Spudded 1:00 A.M., January 8, 1958.

Drilled 17-1/4" hole to 105' and cemented 95' of 13-3/8" casing at 105' with 125 sacks of cement. Cement circulated.

Drilled 11" hole to 1497' and cemented 1485' of 8-5/8" casing at 1497' with 1000 sacks cement. Cement circulated. Tested casing with 800# pressure for 30 minutes. Tested OK.

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

Company The Texas Company

Address Box 817

Farmington, New Mexico

By [signature]

Title District Superintendent

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

Form 9-331b
(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 Tribal

Allottee

Lease No. I-149-IND-8838

N-K
4-28

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Navajo Tribe "C" April 18, 1958

Well No. 20 is located 2040 ft. from {N/S} line and 2080 ft. from {E/W} line of sec. 25

NW¼ of Sec. 25 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) SLM (Meridian)

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

The elevation of the derrick floor above sea level is 4825 ft.

DETAILS OF WORK

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

Drilled 7-7/8" hole to 5852' and cemented 5829' of 5-1/2" O. D. casing at 5840' with 250 sacks of cement. Top of cement 4550'. Tested casing with 1000# for 30 minutes. Tested OK.

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

Company The Texas Company

Address Box 817
Farmington, New Mexico

By [signature]

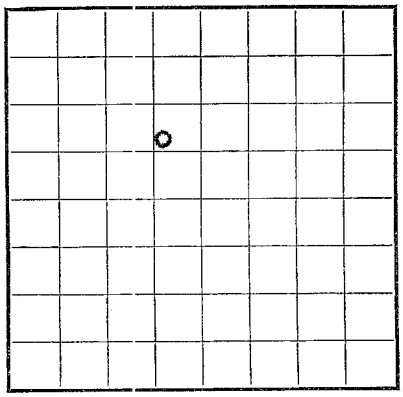
Title District Superintendent

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

Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

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



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 817, Farmington, N. M.

Lessor or Tract Navajo Tribe "C" Field Aneth State Utah

Well No. 20 Sec. 25 T. 40-S R. 24-E Meridian SLM County San Juan

Location 2040 ft. [N.] of N Line and 2080 ft. [E.] of W Line of Section 25 Elevation 4825 (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 May 6, 1958 Title Dist. Sup't.

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

Commenced drilling January 8, 19 58 Finished drilling February 1, 19 58

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 5600 to 5770 No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from None to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
13-3/8	48	8R	Smls	95	None	None			
8-5/8	24	8R	Smls	1485	Baker	None			
5-1/2	14	8R	Smls	5500		None			
5-1/2	15.5	8R	Smls	329	Baker	None			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	105	125	Halliburton		
8-5/8	1497	1000	Halliburton		
5-1/2	5840	250	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length -- Depth set --

Adapters—Material None Size --

FOLD | MARK

13-3/8	105	125	Halliburton		
8-5/8	1497	1000	Halliburton		
5-1/2	5840	250	Halliburton		

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material None Length -- Depth set --

Adapters—Material None Size --

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
None						

TOOLS USED

Rotary tools were used from 0 feet to 5852 feet, and from -- feet to -- feet

Cable tools were used from None feet to -- feet, and from -- feet to -- feet

DATES

May 6, 19 58 Put to producing Tested Feb. 14, 19 58

The production for the first 24 hours was 2052 barrels of fluid of which 95 % was oil; 5 % emulsion; --% water; and --% sediment. Gravity, °Bé. 43°

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

Rock pressure, lbs. per sq. in. --

EMPLOYEES

G. H. Fissel, Driller L. A. Green, Driller

M. A. Hubble, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	92	92	Sand
92	1612	1520	Sand & Shale
1612	1865	253	Lime & Shale
1865	2000	135	Sand & Shale
2000	2316	316	Lime & Shale
2316	3574	1258	Sand & Shale
3574	3984	410	Shale & Anhydrite
3984	4697	713	Sand & Shale
4697	4747	50	Sand & Lime
4747	4950	203	Sand & Shale
4950	5143	193	Lime & Sand
5143	5188	45	Lime & Shale
5188	5557	369	Lime
5557	5586	29	Lime & Shale
5586	5852	266	Lime

Total Depth 5852'

Plugged Back Depth 5819'

16—43094-4

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

After drilling to 5825' and cementing 5-1/2" casing, top of cement plug was found to be at 5819' (P.B.T.D.). Perforated 5-1/2" casing from 5600' to 5610', 5624' to 5628', 5634' to 5637', 5644' to 5647', 5682' to 5694', 5697' to 5707', 5710' to 5742', 5745' to 5756' and 5761' to 5770' with 4 jet shots per foot. Ran 2" tubing and set packer at 5294'. Acidized perforations with 9500 gallons regular 15% acid in 3 stages using 1000 gallons of fix-a-frac. After swabbing, well flowed 342 barrels of oil in 4 hours.

FORMATION RECORD—Continued

MAY 8 1958

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION TOPS

Navajo	839'
Kayenta	1193'
Wingate	1229'
Chinle	1560'
Hoskinnini	2533'
DeChelly	2712'
Organ Rock	2837'
Hermosa	4632'
Paradox	5788'

Formation tops as per EL.

HOLE SIZE

0 to 105' - 17-1/4"
105' to 1497' - 11"
1497' to 5852' - 7-7/8"

DEVIATION TESTS

1160' - 1°	3821' - 2-1/2°
1467' - 0°	4151' - 1-1/4°
1858' - 1/2°	4747' - 1°
2270' - 1°	5220' - 0°
2640' - 1-1/4°	5793' - 1°

All measurements from derrick floor, 10' above ground.

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
Tribal
Allottee
Lease No. I-149-IND-8838

N-H
5-14

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Navajo Tribe "C" May 5, 1958

Well No. 20 is located 2040 ft. from {N/S} line and 2080 ft. from {E/W} line of sec. 25

NW¼ of Sec. 25 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) SLM (Meridian)

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

The elevation of the derrick floor above sea level is 4825 ft.

DETAILS OF WORK

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

Total depth 5825'. Plugged back depth 5819'.

Perforated 5-1/2" casing from 5600' to 5610', 5624' to 5628', 5634' to 5637', 5644' to 5647', 5682' to 5694', 5697' to 5707', 5710' to 5742', 5745' to 5756' and 5761' to 5770' with 4 jet shots per foot. Ran 2" tubing and set packer at 5294'. Acidized perforations with 9500 gallons regular 15% acid in 3 stages using 1000 gallons of fix-a-frac.

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

Company The Texas Company

Address Box 817
Farmington, New Mexico

By [signature]

Title District Superintendent

U. S. GOVERNMENT PRINTING OFFICE 16—84371-8

Form 9-331 b
(April 1952)

Copy H L C

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R359.4.

Indian Agency Navajo

Allottee

Lease No. I-149-IND-8836

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

June 11, 1963

Aneth Unit
Well No. F225 is located 2040 ft. from {N/X} line and 2080 ft. from {X/W} line of sec. 25

NW¼ of Sec. 25 (¼ Sec. and Sec. No.) 40-S (Twp.) 24-E (Range) SLM (Meridian)

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

The elevation of the derrick floor above sea level is 4825 ft.

DETAILS OF WORK

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

Commenced workover 4-9-63.

Reason for workover was to increase production by acidizing.

Treated all perforations (5600' to 5610', 5624' to 5628', 5634' to 5637', 5644' to 5647', 5682' to 5694', 5697' to 5707', 5710' to 5742', 5745' to 5756' and 5761' to 5770') through casing annulus with 1000 gallons of 10% acetic acid. Treating pressure 40 PSI to a vacuum with an injection rate of 3.9 barrels per minute. Flushed acid with 150 barrels of crude oil with an injection rate of 5.8 barrels per minute. After recovering load oil, put well on test. On 24 hour test ending 4-11-63, pumped 652 barrels of oil and 12 barrels of water. Length of pump stroke 144" with 11 strokes per minute.

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

Company TEXACO Inc.

Address Box 810

Farmington, New Mexico

By [signature]

Title District Superintendent

U.S. GOVERNMENT PRINTING OFFICE 16—8437b-9

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED MAR 10 1977 DIVISION OF OIL, GAS, & MINING

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 and in accordance with any State requirements.* See also space 17 below.) At surface: 2040' from North line and 2080' from West line.

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME: Aneth Unit

8. FARM OR LEASE NAME:

9. WELL NO.: F225

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S25-T40S-R24E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4825'DF

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)							

(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.) *

2-11-77. MIRUSU. Pulled submersible pump. Set Baker model R double packer at 5537' KB. Treated 5536 - 5657' with 2000 gals. 15% PAD acid in 4 stages, 150 gals. TDA between stages. Ave. psi 2000#, Ave. bpm 2, ISIP-vac. Run pump placed well on prod.

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

SIGNED Alvin R. Mary TITLE Field Foreman DATE 3-7-77

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

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

OPERATOR: TEXACO, INC.

FIELD: ANETH LEASE: INDIAN

WELL # F225 SEC. 25 TOWNSHIP 40S RANGE 24E

STATE FED. FEE DEPTH 5852 TYPE WELL Producing MAX. INJ. PRESS.

TEST DATE 7/19/84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	13 3/8"	105	125SX	OPSI		
INTERMEDIATE	8 5/8"	1497	1000SX			
PRODUCTION	5 1/2"	5840	250SX	OPSI		
TUBING						

REMARKS: No Pressure - No Suction Well OK

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME
N0960	TERRA RESOURCES, INC.	160	BAR X	S170	E250	1	SWSW	4301930591		LA	99998	BAR X UNIT #10
				S170	E250	11	SESW	4301930607		LA	99998	BAR X UNIT #17
				S170	E250	12	NWNW	4301930616		LA	99998	BAR X UNIT #18
				S170	E260	18	SWNW	4301930592		PA	99998	BAR X UNIT #11
N0970	TETON ENERGY CO INC	1	WILDCAT	S140	E080	27	SWSW	4300730065		PA	99998	HALEY SIDING STATE #27-3
				S140	E080	36	NESE	4300730042		PA	99998	HALEY'S SIDING #36-4
		65	BLUEBELL	S010	W030	13	SWNE	4301330436		LA	99998	UTE TRIBAL #13-1
				S010	W030	14	NWNE	4301330437		LA	99998	UTE TRIBAL #14-1
				S010	W030	23	NENW	4301330438		LA	99998	UTE TRIBAL #23-1
		1	WILDCAT	S060	E200	8	NENW	4304730377		PA	99998	FEDERAL #1-8
N0980	TEXACO INC	200	FENCE CANYON	S155	E230	33	SWSE	4301916046	DKTA	SGW	7015	FENCE CNY U #3
		380	ISMAY	S400	E260	16	SWSE	4303715545	ISMY	POW	7010	ST WOOLLEY 2 (U416)
				S400	E260	16	SWNW	4303715546	ISMY	POW	7010	ST WOOLLEY 3 (S216)
		365	GREATER ANETH	S400	E230	12	SWSW	4303715822	DSCR	POW	7000	BURTON 14-12 (A412)
				S400	E230	13	NENW	4303715824	DSCR	POW	7000	BURTON 21-13 (B113)
				S400	E230	12	SWSE	4303715829	DSCR	POW	7000	BURTON 34-12 (C412)
				S400	E240	16	SWNE	4303715835	DSCR	POW	7000	ST THREE 32-16(G216)
				S400	E240	16	NESE	4303715837	DSCR	POW	7000	ST THREE 43-16(H316)
				S400	E230	14	SWSW	4303716031	DSCR	SOW	7000	ARROWHEAD 8 (A414)
				S400	E230	11	NESE	4303716037	DSCR	SOW	7000	MESA 2 (ANTH D311)
				S400	E240	15	SWNW	4303716058	IS-DC	POW	7000	NAV TRB E-2 (E215)
				S400	E240	15	NENW	4303716074	IS-DC	POW	7000	NAV TRB E-12 (F115)
				S400	E240	25	SENW	4303716080	DSCR	POW	7000	NAV TRB C-20 (F225)
				S400	E240	35	NWNE	4303716098	DSCR	PA	7000	NAV TRB Q-1 (G135)
				S400	E240	22	SWNE	4303716099	DSCR	POW	7000	NAV TRB D-1 (G222)
				S400	E240	15	SESE	4303716126	IS-DC	POW	7000	NAV TRB E-1 (H415)
		380	ISMAY	S400	E260	7	SWSW	4303716174	ISMY	POW	7010	NAV TRB H-2 (S407)
				S400	E260	17	SWSW	4303716175	ISMY	SOW	7010	NAV TRB J16 (S417)
				S400	E260	18	SWSW	4303716176	ISMY	SOW	7010	NAV TR K-10 (S418)
				S400	E260	17	SWNE	4303716180	ISMY	POW	7010	NAV TRB J12 (U217)
				S400	E260	18	SWNE	4303716181	ISMY	SOW	7010	NAV TR K-2 (U218)
				S400	E260	21	SWNE	4303716182	ISMY	PA	7010	NAV TR J-14 (U221)
				S400	E260	18	NENE	4303716189	ISMY	SOW	7010	NAV TR K-6 (V118)
		365	GREATER ANETH	S400	E240	34	NWNE	4303716225	DSCR	POW	7000	ANETH 34-C1 (G134)
				S400	E240	34	SESE	4303716230	IS-DC	POW	7000	ANETH 34-D4 (H434)
		380	ISMAY	S400	E260	27	SWNW	4303716231	ISMY	POW	7010	E ANETH 27A2 (S227)
		365	GREATER ANETH	S400	E240	11	SESE	4303716325	IS-DC	PA	99998	NAVAJO A 44-11 (ANETH H-4
		380	ISMAY	S400	E260	20	SENE	4303720055	ISMY	PA	7010	WATER WELL 2 (V220)
		365	GREATER ANETH	S400	E240	14	NWNW	4303730093	IS-DC	POW	7000	ANETH U E114
				S400	E240	7	NESW	4303730115	IS-DC	POW	7000	ANETH U F307
				S400	E240	21	NENW	4303730117	DSCR	POW	7000	ANETH U F121
				S400	E240	18	NESE	4303730136	IS-DC	POW	7000	ANETH U H318
				S400	E240	20	SWNW	4303730150	DSCR	POW	7000	ANETH U E220
				S400	E240	7	SWSE	4303730151	DSCR	POW	7000	ANETH U G407
				S400	E240	17	NENE	4303730153	DSCR	POW	7000	ANETH U H117
				S400	E240	18	NENW	4303730155	DSCR	WIW	7000	ANETH U F118
				S400	E230	13	NESE	4303730162	DSCR	POW	7000	ANETH U D313

Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

RECEIVED
MAY 28 1991
DIVISION OF
OIL GAS & MINING

May 22, 1991

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

Gentlemen:

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

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

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

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

Yours very truly,

R S Lane

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

Form OGC-1b

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER

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

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

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

RECEIVED MAY 2 8 1991 DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

14. PERMIT NO.

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

12. COUNTY OR PARISH

13. STATE

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Transfer of Owner/Operator			☐
(Other) Transfer of Plugging Bond			X	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

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

Texaco Inc. has assigned all its ownership rights in the subject well. As of January 1, 19 91, Texaco Inc. is no longer the Operator of subject well. The New Operator Texaco Exploration and Production Inc. hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Commission for proper plugging and surface restoration of the subject well.

Former Operator:

TEXACO INC.

Signed: [signature]
Attorney-In-Fact
for Texaco Inc.

Date: 3/1/91

New Operator:

Texaco Exploration and Production Inc.

Signed: [signature]

Title: Division Manager

Date: 3/1/91

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

SIGNED [signature] TITLE Division Manager DATE 3/1/91

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9

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, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

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 H Lane
Attorney-in-Fact

DATE: _____

NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

SIGNED: R H 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)

(8/90)

See Instructions on Reverse Side

ivision of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:
1- ~~LCR~~/GIL ✓
2- ~~DTS~~ DTS
3- VLC ✓
4- RJF ✓
5- RWM ✓
6- ~~LCR~~ fee

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

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

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

fee 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).

fee 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.

fee 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.

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

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

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

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

fee 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) Initi ch 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 Aneth 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.: I-149-IND-8838
6. If Indian, Alottee or Tribe Name: NAVAJO TRIBE
7. If Unit or CA, Agreement Designation: ANETH UNIT
8. Well Name and Number: ANETH UNIT F225
9. API Well No.: 4303716080
10. Field and Pool, Exploratory Area: DESERT CREEK
11. County or Parish, State: SAN JUAN , UTAH

1. Type of Well: ☒ OIL WELL ☐ GAS WELL ☐ OTHER
2. Name of Operator: TEXACO EXPLORATION & PRODUCTION, INC.
3. Address and Telephone No.: 3300 N. Butler Ave., Suite 100 Farmington NM 87401 (505) 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter F : 2040 Feet From The NORTH Line and 2080 Feet From The WEST Line Section 25 Township T40S Range R24E

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: SIDETRACK	☐ Dispose Water

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

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

TEXACO E. & P., INC. PROPOSES TO DRILL DUAL SIDETRACK HORIZONTAL SECTIONS IN THE DESERT CREEK FORMATION OF THE SUBJECT WELL.

THE PROJECTED BOTTOM HOLE LOCATIONS WILL BE AS FOLLOWS:

LOWER SOUTHEAST LATERAL #1: 3196.7' FNL & 3523.8' FWL, SEC. 25, T40S, R24E(TVD=5638')
UPPER SOUTHEAST LATERAL #3: 3196.7' FNL & 3523.8' FWL, SEC. 25, T40S, R24E(TVD=5599')

LOWER NORTHWEST LATERAL #2: 782.5' FNL & 848.6' FWL, SEC. 25, T40S, R24E(TVD=5661')
UPPER NORTHWEST LATERAL #4: 766.8' FNL & 833' FWL, SEC. 25, T40S, R24E(TVD=5311')

PLEASE SEE ATTACHED PROCEDURE AND WELLBORE DIAGRAM FOR DETAILS.

RECEIVED
SEP 11 1997
DIV. OF OIL, GAS & MINING

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 9/4/97

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED John R. Baza
CONDITIONS OF APPROVAL, IF ANY: TITLE Associate Director DATE 9/23/97

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

ANETH UNIT F-225
HORIZONTAL QUAD-LATERAL REENTRY

The subject well is currently a producing well with 5-1/2" casing. The well is to be reentered and four short radius horizontal laterals are to be drilled in the Desert Creek formation using whipstocks. The existing perforations will not be squeezed. The perforations will be isolated by the whipstock packer to be set above them. Two laterals will be drilled to the northwest and two to the southeast. This well will then be converted to injection.

WELL PREPARATION:

1) MIRU drilling rig.

2) Nipple up 3M BOPE.

3) TOH and lay down production tubing.

4) TIH with 4-3/4" bit on 2-7/8" work string and clean out to PBTD (5819').

Formation tops-	Ismay: 5439' Desert Creek: 5594'
Current perforations-	Desert Creek: 5600'-5770' (Gross Interval)
Production Casing-	5-1/2",14# Surface to 5500' 5-1/2",15.5# 5500' to 5852'

5) TOH.

SET WHIPSTOCK PACKER

6) If no Casing Collar Log exists, run GR-CCL from PBTD (5819') to 5000' to determine accurate location of casing collars. TIH with 4-3/4" bit, drill collars, casing scraper and drill pipe. Make several scraper passes across recommended whipstock packer setting depth of +/-5575' (25' above top perf). (Top of whipstock packer needs to be a minimum of 8' from nearest casing collar. If the CCL indicates a collar closer than this, move packer setting point ***down*** to obtain required spacing.)

7) Circulate hole clean with formation water. TOH with scraper and bit.

8) RIH with TIW gauge ring and wireline junk basket to PBTD. TOH.

9) Make up TIW wireline adaptor kit and SS-WS-BB packer for 5-1/2", 15.5# casing on Baker 20 setting tool. ***Packer is to be plugged in order to isolate open perfs below depth at which it will be set.*** RIH with GR-CCL logging tool and packer on wireline. Tie-in GR-CCL log depths to depths of original open hole porosity log.

10) Set top of packer at +/-5575'.

MILL WINDOW FOR FIRST LATERAL (SE Lower)

11) RIH with TIW orientation lug and gyro. Survey alignment slot in SS-WS-BB packer.

12) TOH. Check to see if indicator pins in lug are sheared to ensure that packer alignment slot was surveyed correctly. Correct drill pipe strap to permanent datum of packer depth.

13) Make up TIW orientation stinger to 4-1/2" O.D., 3° whipstock and orient to mill window for first lateral (SE Lower) from 5526' to 5533' KOP at 128.7° azimuth, as directed by Weatherford Enterra milling supervisor on location.

14) Attach 4- 3/4"starting mill to whipstock with shear bolt. Use double lock nut or other method to ensure nut cannot back off.

15) TIH **slowly** with whipstock assembly. **DO NOT ROTATE STRING WHILE RUNNING IN HOLE.** At 5' to 10' above packer, work the string up and down to check drag.

16) Lower stinger into packer. Stinger alignment will occur automatically into packer slot.

17) Lower drill string and set down 5,000 to 10,000 lbs. to latch anchor assembly. To ensure anchor is latched, pull +/- 7,500 lb. above string weight plus drag.

18) Shear the bolt on the starting mill with downward motion. Mill 5-1/2",15.5# casing with starting mill using light weights (1000-2000 lbs.) until approximately 18 to 24 inches of window has been cut. Circulate bottoms up and TOH.
WARNING: Do not mill more than 18 to 24 inches as the tapered nose of the starting mill will bottom out between the whipstock body and the casing. Any further milling will be on the whipstock, not the casing.

19) Pick up and TIH with 4 3/4" window mill, watermelon mill, and bit sub (as short as possible) . Slowly lower and ream back into the window. Continue milling window to completion (10' total length). Upon completion, ream assembly through window several times to clean the top and bottom sections. The window should be cleaned until the drill string can pass through it with no rotation and very little drag. TOH.

DRILL FIRST LATERAL (SE Lower):

(Rig up mudloggers at beginning of curve)

20) Pick up kick-off motor and test on surface. TIH with kick-off BHA as follows:
    - 4 3/4" bit.
    - **Kick-off motor (with 3° bent housing)**
    - Float/ orientation sub.
    - 1 jt 2 7/8" flexible monel collar.
    - Enough P-110, BTS tubing to reach from KOP to end of lateral.
    - Drill collars
    - 2 7/8" AOH DP to surface.

21) TIH to KOP (5533'). Run gyro and orient motor to 128.7° azimuth.

22) Break circulation and establish off bottom pressure at operating flow rates. Slowly lower motor to bottom, adjusting toolface as necessary to compensate for reactive torque. Drill curve section to target depth of 5652' TVD for start of lateral. Planned build rate is 48°/100' and radius of 119'.

23) Circulate hole clean. TOH with curve motor.

24) TIH with lateral motor BHA.

25) Drill the horizontal lateral (1850') adjusting tool face as needed to the target. The end of the horizontal target depth is 5638' TVD. There is a window around the target line which the well path is to stay within. While drilling the lateral section, run sweeps of 5 bbls. water, 3 bbls prehydrated gel (90+ viscosity), and 1 gallon polymer. If necessary, mud up with starch/polymer mud.

26) At TD circulate hole clean with water and TOH.

27) TIH with whipstock hook on drill string and engage whipstock. Retrieve whipstock and anchor.

MILL WINDOW FOR SECOND LATERAL (NW Lower)

28) Make up TIW orientation stinger to second 4-1/2" O.D., 3° whipstock and orient to mill window for second lateral (NW Lower) from 5499' to 5506' KOP at 315.6° azimuth, as directed by Weatherford Enterra milling supervisor on location.

29) Repeat steps 14) through 19) above to mill window for second lateral.

DRILL SECOND LATERAL (NW Lower):

30) Repeat steps 20) through 27) above to drill second lateral as follows:

KOP	5506'
Lateral Direction	315.6°
Build Rate	39°/100'
Radius	146'
Beginning Target Depth	5652' TVD
Ending Target Depth	5661' TVD
Lateral Length	1760'

MILL WINDOW FOR THIRD LATERAL (SE Upper)

31) Make up TIW orientation stinger to third 4-1/2" O.D., 3° whipstock and orient to mill window for third lateral (SE Upper) from 5472' to 5479' KOP at 128.7° azimuth, as directed by Weatherford Enterra milling supervisor on location.

32) Repeat steps 14) through 19) above to mill window for third lateral.

DRILL THIRD LATERAL (SE Upper):

33) Repeat steps 20) through 27) above to drill third lateral as follows:

KOP	5479'
Lateral Direction	128.7°
Build Rate	45°/100'
Radius	127'
Beginning Target Depth	5606' TVD
Ending Target Depth	5599' TVD
Lateral Length	1850'

MILL WINDOW FOR FOURTH LATERAL (NW Upper)

34) Make up TIW orientation stinger to fourth 4-1/2" O.D., 3° whipstock and orient to mill window for fourth lateral (NW Upper) from 5445' to 5452' KOP at 315.6° azimuth, as directed by Weatherford Enterra milling supervisor on location.

35) Repeat steps 14) through 19) above to mill window for fourth lateral.

Aneth Unit #F-225
Horizontal Quad-Lateral Reentry
San Juan County, Utah
Drilling Procedure

DRILL FOURTH LATERAL (NW Upper):

36) Repeat steps 20) through 27) above to drill fourth lateral as follows:

KOP	5452'
Lateral Direction	315.6°
Build Rate	37°/100'
Radius	154'
Beginning Target Depth	5606' TVD
Ending Target Depth	5611' TVD
Lateral Length	1782'

37) TIH with 4 3/4" bit and lateral motor with 2° bent housing and clean out first three laterals to TD with water. Confirm the drill string is in each lateral by TD measurement.

38) TOH with drill pipe. Set retrievable bridge plug in 5-1/2" casing. RDMORT. Subsequent completion program to be issued.

7/27/97

ANETH UNIT No. F225

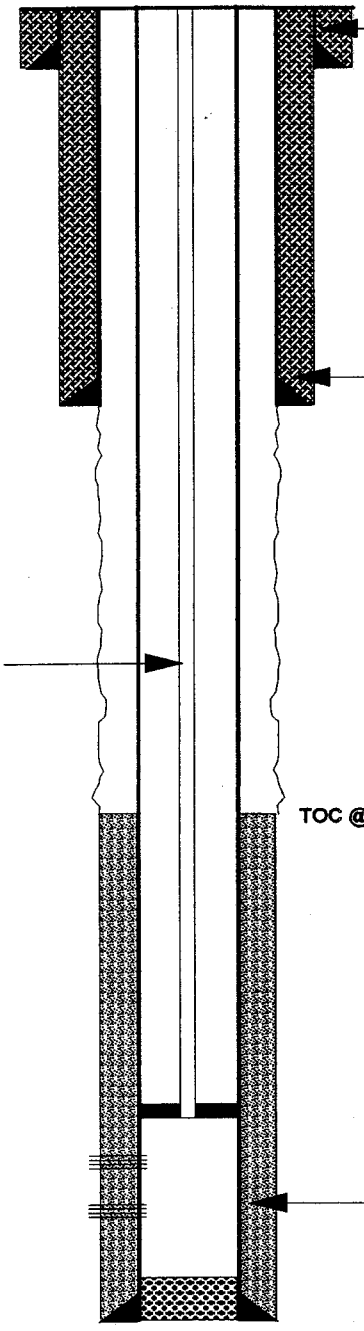
CURRENT COMPLETION

LOCATION:
2040' FNL & 2080' FWL
SE/NW, Sec. 25, T40S, R24E
San Juan County, Utah

ELEVATION: 4825' DF

SPUD DATE: 1/08/58
COMPL. DATE: 2/14/58

FORMATION TOPS:
Navajo 839'
Kayenta 1193'
Wingate 1229'
Chinle 1560'
Hoskinnini 2533'
DeChelly 2712'
Organ Rock 2837'
Hermosa 4632'
Paradox 5788'



13-3/8", 48# CSG
Set @ 105' in 17-1/4"Hole
w/ 125 SXS CMT
CMT Circulated

8-5/8", 24# CSG
Set @ 1947' in 11" Hole
w/ 1000 SXS CMT
CMT Circulated

2-3/8" TBG, Set @ 5445'

TOC @ 4550'

DESERT CREEK PERFS:
5600'-10', 5624'-28'
5634'-37', 5644'-47'
5682'-94', 5697'-5707'
5710'-42', 5745'-56'
5761'-70'
w/ 4 JSPF

5-1/2", 14 & 15.5# CSG
Set @ 5840' in 7-7/8" Hole
w/ 250 SXS CMT

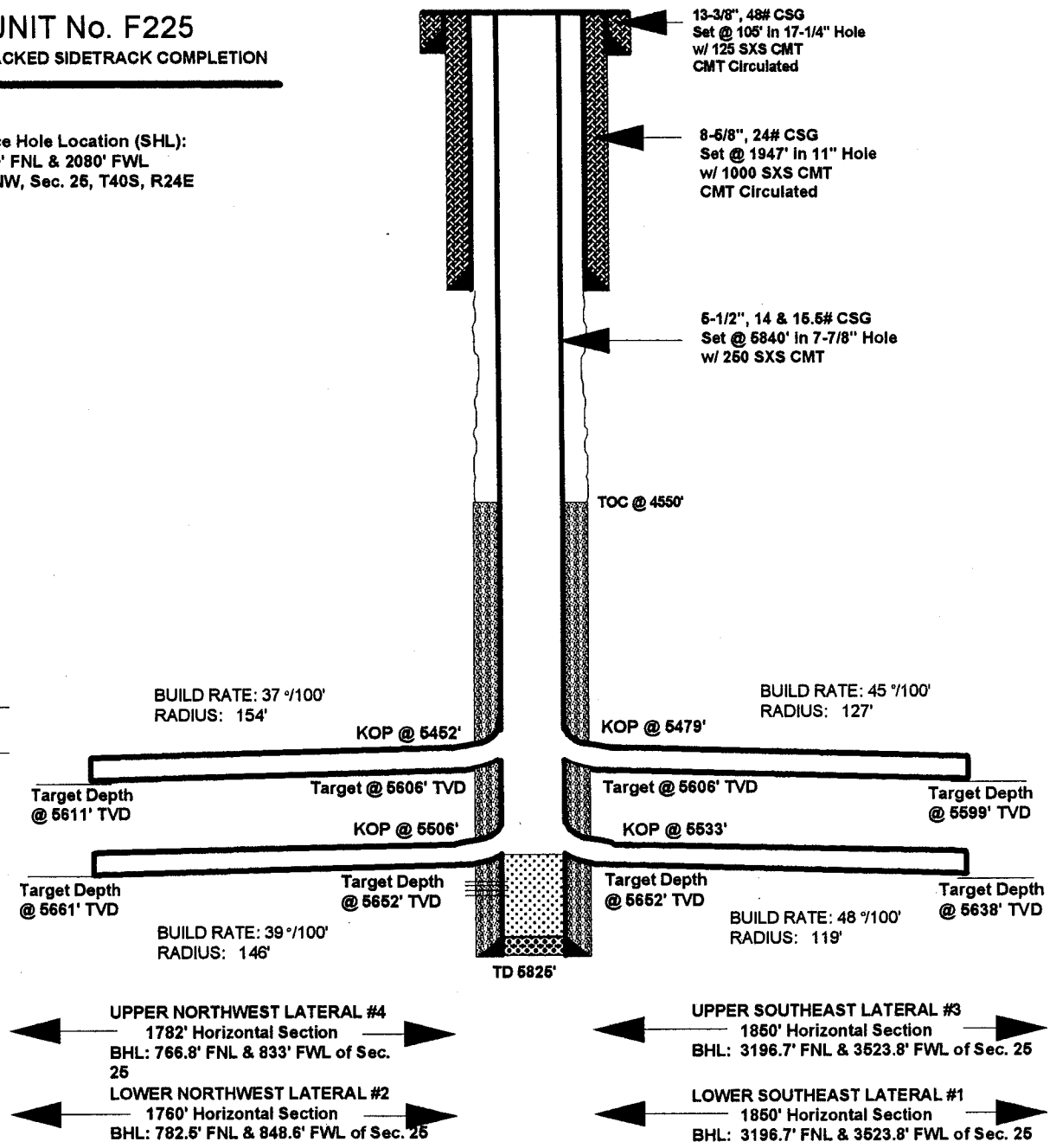
PBTD - 5819'
TD - 5825'

7/26/97

ANETH UNIT No. F225

PROPOSED DUAL STACKED SIDETRACK COMPLETION

Surface Hole Location (SHL):
2040' FNL & 2080' FWL
SE/NW, Sec. 25, T40S, R24E



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/11/97

API NO. ASSIGNED: 43-037-16080

WELL NAME: ANETH UNIT F225 MULTI-LEG
OPERATOR: TEXACO EXPL & PROD (N5700)

PROPOSED LOCATION:
SENW 25 - T40S - R24E
SURFACE: 2040-FNL-2080-FWL
BOTTOM: 3197-FNL-3524-FWL
SAN JUAN COUNTY
GREATER ANETH FIELD (365)

LEASE TYPE: IND
LEASE NUMBER: I-149-IND-8838

PROPOSED PRODUCING FORMATION: DSCR

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

✓ Plat
✓ Bond: Federal [✓] State [] Fee []
(Number NAVAJO TRIBAL)
N Potash (Y/N)
N Oil shale (Y/N)
✓ Water permit
(Number NAVAJO ALLOTMENT)
N RDCC Review (Y/N)
(Date:)

LOCATION AND SITING:

✓ R649-2-3. Unit: ANETH

___ R649-3-2. General.

___ R649-3-3. Exception.

___ Drilling Unit.
Board Cause no: ___
Date: ___

COMMENTS: ___

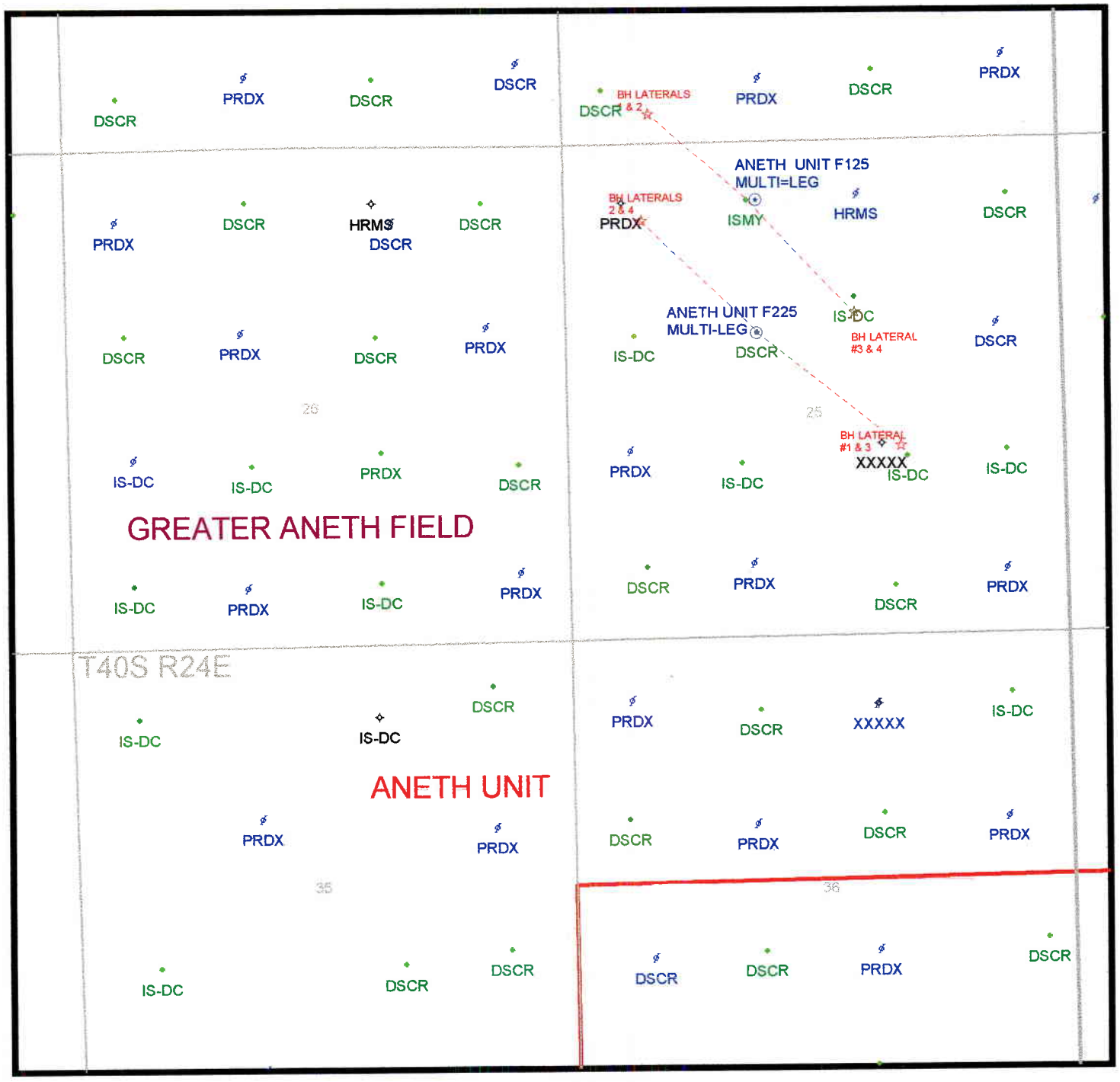
STIPULATIONS: 1. Directional drilling

OPERATOR: TEXACO EXPL & PROD (N5700)

FIELD: GREATER ANETH (365)

SEC, TWP, RNG: SEC. 25, T40S, R24E

COUNTY: SAN JUAN UAC: R649-2-3 ANETH UNIT



PREPARED:
DATE: 15-SEP-97

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

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

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

September 23, 1997

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

Re: Aneth Unit F225 (Re-entry) Well, 2040' FNL, 2080' FWL, SE NW, Sec. 25, T. 40 S., R. 24 E., San Juan County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-16080.

Sincerely,

John R. Baza
Associate Director

lwp
Enclosures
cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: Texaco Exploration & Producing, Inc.

Well Name & Number: Aneth Unit F225 (Re-entry)

API Number: 43-037-16080

Lease: I-149-IND-8838

Location: SE NW **Sec.** 25 **T.** 40 S. **R.** 24 E.

Conditions of Approval

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

2. Notification Requirements
   Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

   Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334.

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

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

Form 3160-4
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0137
Expires: December 31, 1991

SUBMIT ORIGINAL WITH 5 COPIES

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

1b. Type of Completion: NEW WELL ☐ WORK OVER ☑ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

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

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

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At Surface
Unit Letter F : 2040 Feet From The NORTH Line and 2080 Feet From The WEST Line
At proposed prod. zone

At Total Depth

5. Lease Designation and Serial No.: I-149-IND-8838

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

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

8. Well Name and Number: ANETH UNIT F225

9. API Well No.: 4303716080

10. Field and Pool, Exploratory Area: DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area: Sec. 25, Township T40S, Range R24E

14. Permit No.	Date Issued	12. County or Parish	13. State
		SAN JUAN	UTAH

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (Show whether DF,RT, GR, etc.)	19. Elev. Casinhead
1/8/58	2/1/58	1/15/98	4825 DF	

20. Total Depth, MD & TVD	21. Plug Back T.D., MD & TVD	22. If Multiple Compl., How Many*	23. Intervals Drilled By -->	Rotary Tools	CableTools
5852	5819				

24. Producing Interval(s), Of This Completion – Top, Bottom, Name (MD and TVD)*
HORIZONTAL LATERALS (SEE SUB. SUNDRY)

25. Was Directional Survey Made: YES

26. Type Electric and Other Logs Run

27. Was Well Cored: NO

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

CASING SIZE & GRADE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
13 3/8	48	105	17 1/4"	125 SX	
8 5/8	24	1497	11"	1000 SX	
5 1/2	14 & 15.5	5840	7 7/8	250 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation record (interval, size, and number)
4 Horiz. Laterals (see Sub. Sundry) (Ready to go on injection 1/15/98)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4 Laterals	see Sub Sundry

33. PRODUCTION

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

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)

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

Test Witnessed By

35. List of Attachments

RECEIVED
JAN 26 1998
DIV. OF OIL, GAS & MINING

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 1-21-98

TYPE OR PRINT NAME Rached Hindi

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS,ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
NAVAJO	839	
KAYENTA	1193	
WINGATE	1229	
CHINLE	1560	
HOSKINNINI	2533	
DECHELLY	2712	
ORGAN ROCK	2837	
HERMOSA	4632	
ISMAY	5439	
DESERT CREEK	5594	
PARADOX	5788	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED JAN 2 0 1998

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. I-149-IND-8838
6. If Indian, Alottee or Tribe Name NAVAJO TRIBE
7. If Unit or CA, Agreement Designation ANETH UNIT
8. Well Name and Number ANETH UNIT F225
9. API Well No. 4303716080
10. Field and Pool, Exploratory Area DESERT CREEK
11. County or Parish, State SAN JUAN , UTAH

1. Type of Well: ☐ OIL WELL ☐ GAS WELL ☑ OTHER INJECTION WELL
2. Name of Operator TEXACO EXPLORATION & PRODUCTION, INC.
3. Address and Telephone No. 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter F : 2040 Feet From The NORTH Line and 2080 Feet From The WEST Line Section 25 Township T40S Range R24E

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: SIDE TRACK	☐ Dispose Water

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

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

TEXACO E&P INC. HAS COMPELTED SIDETRACKING AND DRILLING QUAD LATERAL HORIZONTAL SECTIONS IN THE DESERT CREEK FORMATION OF THE SUBJECT WELL AND IS CONVERTING THE WELL TO INJECTION.

11/19/97 MIRUSU
11/21 - 12/22/97 DRILLED LEGS 1,2,3&4, MILLED WINDOW FOR LEG #1 5518-5527', LEG #2 5499-5509', LEG #3 5472-5481', LEG #4 5450-5460'

BOTTOM HOLE LOCATIONS AS FOLLOWS:

L. SOUTHEAST LATERAL #1: 3194'FNL & 3526'FWL, SEC. 25-40S-24E (MD 7502') (TVD 5627')
U. SOUTHEAST LATERAL #3: 3195'FNL & 3526'FWL, SEC. 25-40S-24E (MD 7450') (TVD 5605')
L. NORTHWEST LATERAL #2: 781' FNL & 849' FWL, SEC. 25-40S-24E (MD 7306') (TVD 5666')
U. NORTHWEST LATERAL #4: 770' FNL & 840' FWL, SEC. 25-40S-24E (MD 7266') (TVD 5615')

12/29 -1/14/98 RU & ACIDIZE - LEG #1 W/ 6400 GALS 20% HCL & 25680 GALS 20% SXE, LEG #2 W/ 5685 GALS 20% HCL & 22740 GALS 20% SXE, LEG #3 W/6400 GALS 20% HCL & 25650 GALS 20% SXE, LEG #4 6470 GALS 20% HCL & 25860 GALS 20% SXE
1/15/98 RIH W/ 2 7/8 DUOLINE TBG & PKR, CIRCULATED CHEMICAL, SET PKR @ 5387', TESTED TO 1000 PSI, HELD OK, INSTALLED WELLHEAD, SHUT WELL IN, RDMO, WAITING ON INSTALLATION OF INJECTIOIN LINE AND APPROVAL TO INJECT

RECEIVED JAN 26 1998 DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
SIGNATURE Rached Hindi TITLE Senior Engineer DATE 1/21/98
TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED
CONDITIONS OF APPROVAL, IF ANY: ____ TITLE ____ DATE ____

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

02/13/98
JRB

DRILLED FOOTAGE CALCULATION FOR DIRECTIONAL AND HORIZONTAL WELLS

Well Name: Aneth Unit F-225
Surface Location: 2040 ' FNL, 2080' FWL, Sec. 25, T. 40S, R. 24E

First leg description:	Leg #1
KOP MD:	5522.00
KOP TVD:	5520.34
EOL MD:	7502.00
EOL TVD:	5627.21
Footage drilled:	1980.00

Second leg description:	Leg #2
KOP MD:	5500.00
KOP TVD:	5498.34
EOL MD:	7306.00
EOL TVD:	5666.45
Footage drilled:	1806.00

Third leg description:	Leg #3
KOP MD:	5400.00
KOP TVD:	5398.35
EOL MD:	7450.00
EOL TVD:	5605.65
Footage drilled:	2050.00

Fourth leg description:	Leg #4
KOP MD:	5458.00
KOP TVD:	5456.30
EOL MD:	7266.00
EOL TVD:	5614.96
Footage drilled:	1808.00

Fifth leg description:	
KOP MD:	
KOP TVD:	
EOL MD:	
EOL TVD:	
Footage drilled:	

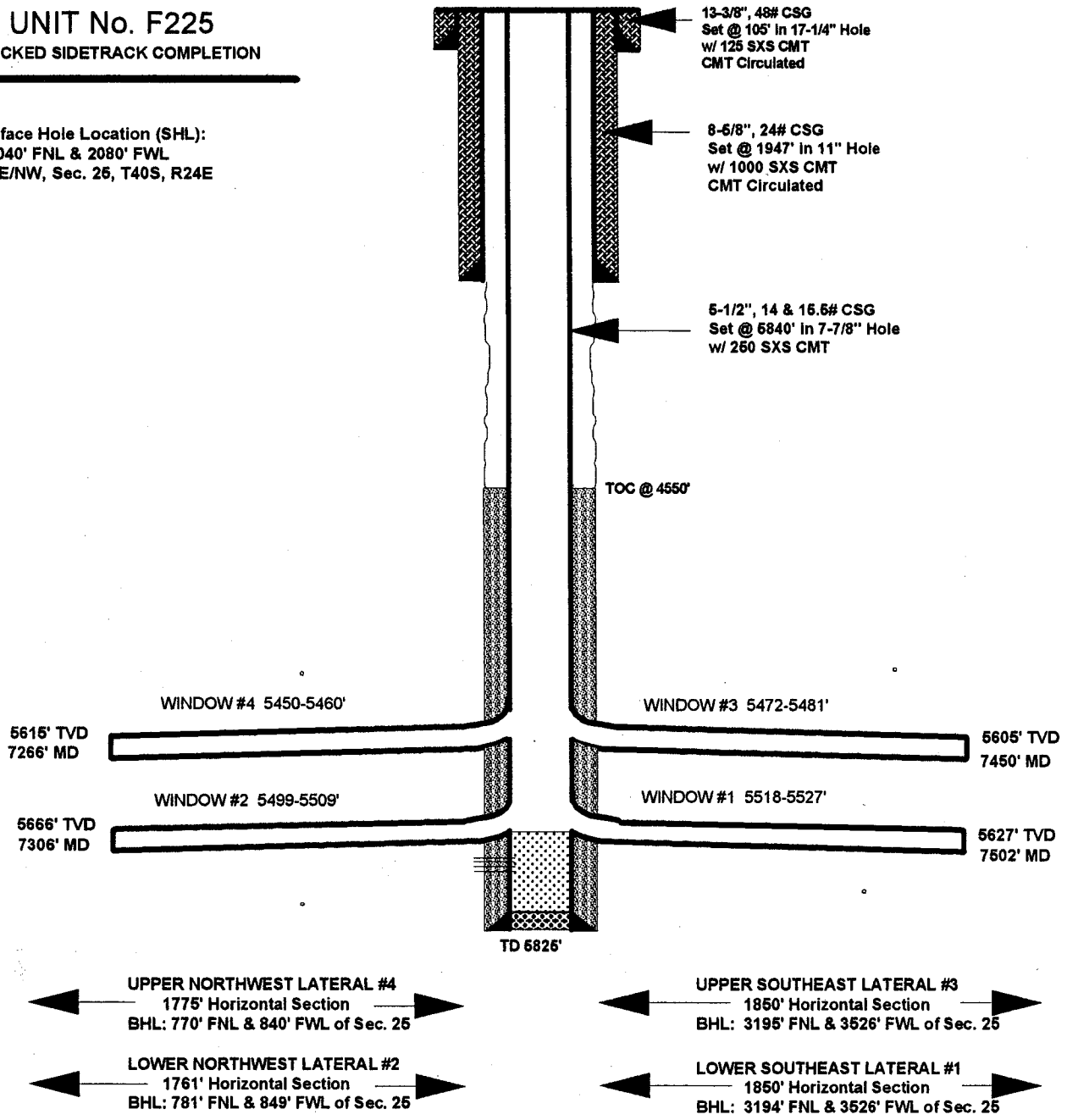
Total Footage Drilled (MD):	***7644.00***
Deepest point (TVD):	***5667.30***

1/21/98

ANETH UNIT No. F225

ACTUAL DUAL STACKED SIDETRACK COMPLETION

Surface Hole Location (SHL):
2040' FNL & 2080' FWL
SE/NW, Sec. 25, T40S, R24E



UPPER NORTHWEST LATERAL #4
1775' Horizontal Section
BHL: 770' FNL & 840' FWL of Sec. 25

LOWER NORTHWEST LATERAL #2
1761' Horizontal Section
BHL: 781' FNL & 849' FWL of Sec. 25

UPPER SOUTHEAST LATERAL #3
1850' Horizontal Section
BHL: 3195' FNL & 3526' FWL of Sec. 25

LOWER SOUTHEAST LATERAL #1
1850' Horizontal Section
BHL: 3194' FNL & 3526' FWL of Sec. 25

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #1		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5522'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1850.18 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.40° East		TOTAL CORR.(-/+)	12.3
DATE: 11/29/97	TIME: 9:28 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
TIE	5522	0.3	22.1	5520.34	11.91	-52.50	-48.42	1.15	N 22.1 E	23.53
1	5527	4.3	132.9	5525.34	11.80	-52.36	-48.24	87.23	S 47.1 E	23.53
2	5530	5.5	137.2	5528.32	11.61	-52.18	-47.98	44.68	S 42.8 E	23.56
3	5535	7.8	138.2	5533.29	11.18	-51.79	-47.41	45.25	S 41.8 E	23.65
4	5540	10.3	137.8	5538.23	10.60	-51.26	-46.63	50.02	S 42.2 E	23.78
5	5545	11.4	136.7	5543.14	9.91	-50.62	-45.70	22.37	S 43.3 E	23.92
6	5550	13.5	135.7	5548.02	9.13	-49.88	-44.63	42.22	S 44.3 E	24.06
7	5555	15.6	134.7	5552.86	8.24	-48.99	-43.39	42.30	S 45.3 E	24.20
8	5560	17.8	133.6	5557.65	7.24	-47.96	-41.96	44.45	S 46.4 E	24.34
9	5565	20.0	132.6	5562.38	6.13	-46.78	-40.34	44.47	S 47.4 E	24.46
10	5570	22.0	131.6	5567.05	4.93	-45.45	-38.55	40.64	S 48.4 E	24.57
11	5575	24.1	130.6	5571.65	3.65	-43.97	-36.60	42.72	S 49.4 E	24.65
12	5580	26.1	129.5	5576.17	2.28	-42.35	-34.48	41.07	S 50.5 E	24.70
13	5585	27.1	128.5	5580.65	0.87	-40.61	-32.24	21.91	S 51.5 E	24.71
14	5590	29.0	127.5	5585.06	-0.57	-38.75	-29.89	39.15	S 52.5 E	24.68
15	5595	30.8	126.5	5589.39	-2.07	-36.76	-27.40	37.35	S 53.5 E	24.60
16	5600	32.7	125.4	5593.64	-3.62	-34.63	-24.77	39.72	S 54.6 E	24.48
17	5605	34.8	124.4	5597.80	-5.20	-32.36	-22.00	43.44	S 55.6 E	24.29
18	5610	36.9	123.4	5601.85	-6.84	-29.92	-19.08	43.60	S 56.6 E	24.05
19	5615	39.2	122.4	5605.79	-8.51	-27.34	-16.01	47.62	S 57.6 E	23.73
20	5620	41.4	120.4	5609.60	-10.19	-24.58	-12.81	51.04	S 59.6 E	23.32
21	5625	43.5	119.3	5613.29	-11.87	-21.65	-9.47	44.55	S 60.7 E	22.80
22	5630	45.5	118.3	5616.86	-13.56	-18.58	-6.02	42.38	S 61.7 E	22.20
23	5635	47.6	117.3	5620.30	-15.25	-15.37	-2.46	44.44	S 62.7 E	21.51
24	5640	49.6	117.4	5623.60	-16.98	-12.04	1.22	40.03	S 62.6 E	20.77
25	5645	51.6	117.4	5626.78	-18.75	-8.61	5.01	40.00	S 62.6 E	20.02
26	5650	54.4	118.0	5629.79	-20.61	-5.07	8.93	56.81	S 62.0 E	19.26
27	5655	56.4	118.5	5632.63	-22.56	-1.45	12.98	40.84	S 61.5 E	18.51
28	5660	58.4	118.9	5635.32	-24.58	2.25	17.12	40.56	S 61.1 E	17.78
29	5665	60.3	119.1	5637.87	-26.67	6.01	21.36	38.16	S 60.9 E	17.05
30	5670	62.4	119.7	5640.27	-28.82	9.83	25.69	43.30	S 60.3 E	16.34
31	5675	64.5	120.0	5642.50	-31.05	13.71	30.11	42.34	S 60.0 E	15.66
32	5680	66.4	120.5	5644.58	-33.34	17.64	34.61	39.07	S 59.5 E	14.99
33	5685	68.6	121.0	5646.49	-35.70	21.61	39.19	44.96	S 59.0 E	14.35
34	5690	70.7	121.3	5648.23	-38.12	25.62	43.83	42.38	S 58.7 E	13.73
35	5695	72.8	121.8	5649.80	-40.61	29.67	48.54	43.06	S 58.2 E	13.14
36	5700	75.0	122.2	5651.18	-43.15	33.74	53.31	44.67	S 57.8 E	12.58

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #1	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5522'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1850.18 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.40° East		TOTAL CORR.(-/+)	12.3
DATE: 11/29/97	TIME: 9:28 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
37	5705	77.1	122.3	5652.39	-45.74	37.84	58.14	42.04	S 57.7 E	12.04
38	5710	78.9	122.4	5653.43	-48.36	41.98	63.00	36.05	S 57.6 E	11.50
39	5715	81.0	122.5	5654.30	-51.00	46.13	67.89	42.05	S 57.5 E	10.96
40	5720	83.1	122.7	5654.99	-53.67	50.30	72.81	42.19	S 57.3 E	10.43
41	5730	87.5	123.0	5655.81	-59.07	58.67	82.73	44.10	S 57.0 E	9.42
42	5740	91.3	123.4	5655.91	-64.55	67.04	92.68	38.21	S 56.6 E	8.46
43	5750	93.9	125.2	5655.46	-70.18	75.29	102.64	31.61	S 54.8 E	7.69
44	5760	94.9	125.6	5654.69	-75.95	83.42	112.59	10.77	S 54.4 E	7.12
45	5770	95.3	125.8	5653.80	-81.77	91.51	122.54	4.47	S 54.2 E	6.60
46	5780	95.9	125.6	5652.83	-87.57	99.59	132.48	6.32	S 54.4 E	6.08
47	5790	96.0	125.5	5651.79	-93.36	107.68	142.41	1.41	S 54.5 E	5.53
48	5800	95.0	125.4	5650.83	-99.13	115.79	152.34	10.05	S 54.6 E	4.97
49	5810	94.7	125.6	5649.99	-104.92	123.90	162.29	3.60	S 54.4 E	4.41
50	5820	94.0	125.3	5649.23	-110.70	132.02	172.25	7.61	S 54.7 E	3.85
51	5830	92.4	125.2	5648.67	-116.46	140.18	182.21	16.03	S 54.8 E	3.25
52	5840	92.1	125.1	5648.28	-122.21	148.35	192.19	3.16	S 54.9 E	2.63
53	5850	92.4	125.1	5647.89	-127.96	156.52	202.16	3.00	S 54.9 E	2.00
54	5860	92.7	125.0	5647.44	-133.70	164.70	212.13	3.16	S 55.0 E	1.36
55	5870	93.0	124.8	5646.94	-139.41	172.89	222.10	3.60	S 55.2 E	0.70
56	5880	93.2	124.9	5646.40	-145.12	181.09	232.06	2.24	S 55.1 E	0.03
57	5890	92.3	125.3	5645.92	-150.86	189.26	242.03	9.85	S 54.7 E	-0.60
58	5900	91.5	125.7	5645.59	-156.66	197.40	252.01	8.94	S 54.3 E	-1.15
59	5910	91.2	126.0	5645.36	-162.52	205.50	261.99	4.24	S 54.0 E	-1.65
60	5920	89.9	126.5	5645.26	-168.43	213.56	271.98	13.93	S 53.5 E	-2.08
61	5930	88.9	126.9	5645.37	-174.41	221.58	281.97	10.77	S 53.1 E	-2.43
62	5940	88.5	127.1	5645.59	-180.42	229.56	291.97	4.47	S 52.9 E	-2.72
63	5950	88.5	127.2	5645.85	-186.46	237.53	301.96	1.00	S 52.8 E	-2.99
64	5960	88.6	127.2	5646.11	-192.51	245.49	311.95	1.00	S 52.8 E	-3.26
65	5970	88.7	126.9	5646.34	-198.53	253.47	321.95	3.16	S 53.1 E	-3.54
66	5980	87.9	127.1	5646.64	-204.54	261.46	331.94	8.25	S 52.9 E	-3.84
67	5990	87.2	127.2	5647.07	-210.58	269.42	341.92	7.07	S 52.8 E	-4.11
68	6000	87.2	127.3	5647.56	-216.62	277.37	351.91	1.00	S 52.7 E	-4.36
69	6010	87.3	127.4	5648.03	-222.68	285.31	361.90	1.41	S 52.6 E	-4.60
70	6020	87.7	127.5	5648.47	-228.76	293.24	371.88	4.12	S 52.5 E	-4.82
71	6030	88.5	127.5	5648.80	-234.84	301.17	381.88	8.00	S 52.5 E	-5.03
72	6040	89.4	128.2	5648.99	-240.98	309.07	391.87	11.40	S 51.8 E	-5.17
73	6050	90.2	128.9	5649.02	-247.21	316.89	401.87	10.63	S 51.1 E	-5.20

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #1	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5522'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1850.18 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.40° East		TOTAL CORR.(-/+)	12.3
DATE: 11/29/97	TIME: 9:28 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
74	6060	90.9	129.3	5648.92	-253.52	324.65	411.87	8.06	S 50.7 E	-5.13
75	6070	91.7	129.7	5648.70	-259.87	332.36	421.87	8.94	S 50.3 E	-4.99
76	6080	92.7	129.7	5648.31	-266.26	340.05	431.86	10.00	S 50.3 E	-4.82
77	6090	93.0	130.0	5647.82	-272.66	347.72	441.84	4.24	S 50.0 E	-4.62
78	6100	93.4	130.2	5647.26	-279.09	355.35	451.83	4.47	S 49.8 E	-4.37
79	6110	93.8	130.4	5646.63	-285.54	362.96	461.80	4.47	S 49.6 E	-4.09
80	6120	94.3	130.7	5645.92	-292.03	370.54	471.77	5.83	S 49.3 E	-3.77
81	6130	94.7	130.9	5645.14	-298.54	378.09	481.73	4.47	S 49.1 E	-3.41
82	6140	95.0	131.1	5644.29	-305.08	385.61	491.69	3.60	S 48.9 E	-3.01
83	6150	95.4	131.5	5643.39	-311.65	393.09	501.64	5.65	S 48.5 E	-2.55
84	6160	95.6	131.4	5642.43	-318.24	400.55	511.58	2.23	S 48.6 E	-2.08
85	6170	94.6	131.0	5641.54	-324.80	408.05	521.53	10.76	S 49.0 E	-1.64
86	6180	94.1	130.9	5640.78	-331.34	415.58	531.50	5.10	S 49.1 E	-1.25
87	6190	94.2	130.8	5640.06	-337.86	423.12	541.46	1.41	S 49.2 E	-0.88
88	6200	93.9	129.9	5639.35	-344.32	430.72	551.43	9.47	S 50.1 E	-0.59
89	6210	93.4	128.8	5638.72	-350.65	438.44	561.41	12.06	S 51.2 E	-0.48
90	6220	93.5	128.5	5638.11	-356.88	446.24	571.39	3.16	S 51.5 E	-0.49
91	6230	94.3	128.6	5637.43	-363.10	454.04	581.37	8.06	S 51.4 E	-0.51
92	6240	95.3	128.7	5636.60	-369.32	461.82	591.34	10.05	S 51.3 E	-0.52
93	6250	96.2	128.7	5635.60	-375.54	469.59	601.29	9.00	S 51.3 E	-0.52
94	6260	96.5	129.0	5634.49	-381.78	477.33	611.22	4.23	S 51.0 E	-0.49
95	6270	95.0	128.7	5633.49	-388.02	485.08	621.17	15.29	S 51.3 E	-0.47
96	6280	93.8	128.3	5632.72	-394.22	492.88	631.14	12.65	S 51.7 E	-0.50
97	6290	92.1	128.1	5632.21	-400.40	500.73	641.13	17.12	S 51.9 E	-0.59
98	6300	90.4	128.0	5631.99	-406.56	508.60	651.13	17.03	S 52.0 E	-0.70
99	6310	89.4	128.0	5632.00	-412.72	516.48	661.13	10.00	S 52.0 E	-0.83
100	6320	89.5	127.8	5632.10	-418.86	524.37	671.12	2.24	S 52.2 E	-0.97
101	6330	89.7	127.6	5632.17	-424.98	532.28	681.12	2.83	S 52.4 E	-1.14
102	6340	90.0	127.4	5632.20	-431.06	540.22	691.12	3.61	S 52.6 E	-1.35
103	6350	89.9	127.4	5632.21	-437.14	548.16	701.12	1.00	S 52.6 E	-1.58
104	6360	89.7	127.6	5632.24	-443.23	556.09	711.12	2.83	S 52.4 E	-1.79
105	6370	89.4	127.6	5632.32	-449.33	564.02	721.11	3.00	S 52.4 E	-1.98
106	6380	89.7	128.1	5632.40	-455.46	571.91	731.11	5.83	S 51.9 E	-2.13
107	6390	89.7	128.8	5632.45	-461.68	579.74	741.11	7.00	S 51.2 E	-2.17
108	6400	90.1	129.2	5632.47	-467.97	587.51	751.11	5.66	S 50.8 E	-2.12
109	6410	90.4	129.1	5632.42	-474.29	595.27	761.11	3.16	S 50.9 E	-2.04
110	6420	90.6	129.2	5632.34	-480.60	603.02	771.11	2.24	S 50.8 E	-1.96

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #1	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5522'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1850.18 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.40° East		TOTAL CORR.(-/+)	12.3
DATE: 11/29/97	TIME: 9:28 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
111	6430	91.3	129.2	5632.17	-486.92	610.77	781.11	7.00	S 50.8 E	-1.87
112	6440	92.2	129.2	5631.87	-493.24	618.52	791.10	9.00	S 50.8 E	-1.79
113	6450	93.0	129.1	5631.41	-499.54	626.26	801.09	8.06	S 50.9 E	-1.71
114	6460	93.3	128.8	5630.86	-505.82	634.03	811.08	4.24	S 51.2 E	-1.66
115	6470	93.9	128.7	5630.23	-512.07	641.81	821.06	6.08	S 51.3 E	-1.65
116	6480	93.6	128.7	5629.58	-518.31	649.60	831.04	3.00	S 51.3 E	-1.65
117	6490	92.6	128.8	5629.04	-524.56	657.39	841.02	10.05	S 51.2 E	-1.65
118	6500	91.8	129.2	5628.66	-530.85	665.15	851.01	8.94	S 50.8 E	-1.59
119	6510	91.4	129.4	5628.38	-537.18	672.89	861.01	4.47	S 50.6 E	-1.49
120	6520	90.7	129.5	5628.19	-543.53	680.61	871.01	7.07	S 50.5 E	-1.36
121	6530	90.4	129.5	5628.10	-549.89	688.33	881.00	3.00	S 50.5 E	-1.22
122	6540	90.3	129.6	5628.04	-556.26	696.04	891.00	1.41	S 50.4 E	-1.07
123	6550	89.4	129.5	5628.06	-562.63	703.75	901.00	9.06	S 50.5 E	-0.92
124	6560	88.2	129.4	5628.27	-568.98	711.47	911.00	12.04	S 50.6 E	-0.79
125	6570	87.4	129.1	5628.66	-575.30	719.20	920.99	8.54	S 50.9 E	-0.70
126	6580	86.8	129.0	5629.16	-581.59	726.96	930.98	6.08	S 51.0 E	-0.63
127	6590	86.4	129.1	5629.75	-587.88	734.71	940.96	4.12	S 50.9 E	-0.57
128	6600	86.0	129.3	5630.42	-594.19	742.45	950.94	4.47	S 50.7 E	-0.49
129	6610	85.7	129.2	5631.14	-600.50	750.17	960.91	3.16	S 50.8 E	-0.39
130	6620	85.7	129.2	5631.89	-606.80	757.90	970.88	0.00	S 50.8 E	-0.30
131	6630	85.7	129.1	5632.64	-613.10	765.63	980.85	1.00	S 50.9 E	-0.22
132	6640	86.1	128.7	5633.36	-619.36	773.39	990.83	5.65	S 51.3 E	-0.19
133	6650	86.4	128.2	5634.01	-625.56	781.21	1000.81	5.82	S 51.8 E	-0.23
134	6660	86.1	127.9	5634.66	-631.71	789.06	1010.79	4.24	S 52.1 E	-0.35
135	6670	86.9	127.8	5635.27	-637.84	796.95	1020.77	8.06	S 52.2 E	-0.49
136	6680	88.5	128.3	5635.68	-644.00	804.81	1030.76	16.76	S 51.7 E	-0.61
137	6690	89.2	128.3	5635.88	-650.19	812.66	1040.75	7.00	S 51.7 E	-0.68
138	6700	89.0	128.2	5636.03	-656.38	820.51	1050.75	2.24	S 51.8 E	-0.76
139	6710	88.7	127.8	5636.23	-662.54	828.39	1060.75	5.00	S 52.2 E	-0.88
140	6720	88.6	127.6	5636.47	-668.65	836.30	1070.75	2.24	S 52.4 E	-1.05
141	6730	88.5	127.6	5636.72	-674.75	844.22	1080.74	1.00	S 52.4 E	-1.25
142	6740	88.3	127.7	5637.00	-680.86	852.14	1090.73	2.24	S 52.3 E	-1.43
143	6750	88.0	128.2	5637.32	-687.00	860.02	1100.73	5.83	S 51.8 E	-1.56
144	6760	88.0	128.7	5637.67	-693.22	867.84	1110.72	5.00	S 51.3 E	-1.60
145	6770	88.6	129.2	5637.97	-699.50	875.62	1120.72	7.81	S 50.8 E	-1.56
146	6780	89.3	129.5	5638.15	-705.84	883.35	1130.72	7.62	S 50.5 E	-1.45
147	6790	89.4	129.6	5638.27	-712.21	891.06	1140.71	1.41	S 50.4 E	-1.30

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #1		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5522'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1850.18 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.40° East		TOTAL CORR.(-/+)	12.3
DATE: 11/29/97	TIME: 9:28 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
148	6800	89.3	129.6	5638.38	-718.58	898.76	1150.71	1.00	S 50.4 E	-1.14
149	6810	89.5	129.3	5638.48	-724.94	906.49	1160.71	3.61	S 50.7 E	-1.01
150	6820	89.5	129.3	5638.57	-731.27	914.22	1170.71	0.00	S 50.7 E	-0.90
151	6830	88.7	129.8	5638.73	-737.64	921.93	1180.71	9.43	S 50.2 E	-0.76
152	6840	88.0	130.3	5639.02	-744.07	929.58	1190.70	8.60	S 49.7 E	-0.52
153	6850	87.9	130.5	5639.37	-750.55	937.20	1200.69	2.23	S 49.5 E	-0.22
154	6860	87.8	130.5	5639.75	-757.04	944.79	1210.68	1.00	S 49.5 E	0.09
155	6870	87.7	130.5	5640.14	-763.53	952.39	1220.66	1.00	S 49.5 E	0.40
156	6880	87.8	130.6	5640.54	-770.02	959.98	1230.65	1.41	S 49.4 E	0.73
157	6890	87.6	130.0	5640.94	-776.48	967.60	1240.64	6.32	S 50.0 E	1.01
158	6900	87.2	129.2	5641.39	-782.85	975.30	1250.63	8.94	S 50.8 E	1.16
159	6910	87.3	128.5	5641.87	-789.12	983.08	1260.62	7.06	S 51.5 E	1.19
160	6920	86.6	128.4	5642.40	-795.33	990.90	1270.60	7.07	S 51.6 E	1.14
161	6930	85.8	128.3	5643.06	-801.52	998.73	1280.58	8.06	S 51.7 E	1.08
162	6940	85.4	128.4	5643.83	-807.70	1006.55	1290.55	4.12	S 51.6 E	1.02
163	6950	85.2	128.0	5644.65	-813.87	1014.38	1300.52	4.46	S 52.0 E	0.94
164	6960	85.0	127.9	5645.51	-819.99	1022.23	1310.48	2.23	S 52.1 E	0.81
165	6970	84.8	127.7	5646.39	-826.10	1030.10	1320.44	2.82	S 52.3 E	0.65
166	6980	84.6	127.5	5647.32	-832.18	1037.99	1330.39	2.82	S 52.5 E	0.46
167	6990	84.4	127.2	5648.28	-838.21	1045.91	1340.34	3.59	S 52.8 E	0.22
168	7000	84.1	126.7	5649.28	-844.19	1053.86	1350.29	5.81	S 53.3 E	-0.08
169	7010	84.1	126.5	5650.31	-850.13	1061.84	1360.23	1.99	S 53.5 E	-0.44
170	7020	85.1	126.7	5651.25	-856.06	1069.84	1370.18	10.20	S 53.3 E	-0.81
171	7030	85.8	127.4	5652.04	-862.07	1077.79	1380.14	9.88	S 52.6 E	-1.10
172	7040	86.0	127.6	5652.76	-868.14	1085.70	1390.11	2.82	S 52.4 E	-1.31
173	7050	86.4	128.2	5653.42	-874.27	1093.58	1400.09	7.20	S 51.8 E	-1.44
174	7060	87.3	129.2	5653.97	-880.51	1101.37	1410.08	13.44	S 50.8 E	-1.44
175	7070	87.8	129.5	5654.40	-886.85	1109.10	1420.07	5.83	S 50.5 E	-1.33
176	7080	88.3	129.7	5654.74	-893.22	1116.80	1430.06	5.38	S 50.3 E	-1.17
177	7090	88.5	129.8	5655.01	-899.61	1124.48	1440.05	2.24	S 50.2 E	-0.99
178	7100	88.3	129.7	5655.29	-906.00	1132.17	1450.05	2.24	S 50.3 E	-0.81
179	7110	88.0	129.8	5655.62	-912.39	1139.85	1460.04	3.16	S 50.2 E	-0.62
180	7120	87.4	129.5	5656.02	-918.77	1147.55	1470.03	6.71	S 50.5 E	-0.46
181	7130	86.7	129.6	5656.53	-925.13	1155.25	1480.02	7.07	S 50.4 E	-0.31
182	7140	87.1	129.3	5657.07	-931.47	1162.96	1490.00	5.00	S 50.7 E	-0.18
183	7150	87.6	128.3	5657.54	-937.73	1170.74	1499.99	11.17	S 51.7 E	-0.16
184	7160	88.2	126.8	5657.90	-943.82	1178.66	1509.98	16.15	S 53.2 E	-0.36

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #1	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5522'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1850.18 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.40° East		TOTAL CORR.(-/+)	12.3
DATE: 11/29/97	TIME: 9:28 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
185	7170	89.0	125.8	5658.15	-949.74	1186.72	1519.97	12.80	S 54.2 E	-0.78
186	7180	90.4	125.3	5658.20	-955.55	1194.86	1529.95	14.87	S 54.7 E	-1.33
187	7190	91.3	125.0	5658.05	-961.31	1203.03	1539.93	9.49	S 55.0 E	-1.95
188	7200	92.2	124.8	5657.75	-967.03	1211.23	1549.91	9.22	S 55.2 E	-2.61
189	7210	93.2	125.3	5657.27	-972.76	1219.41	1559.88	11.18	S 54.7 E	-3.25
190	7220	94.6	125.4	5656.59	-978.54	1227.54	1569.84	14.04	S 54.6 E	-3.83
191	7230	95.4	126.0	5655.72	-984.35	1235.63	1579.78	9.99	S 54.0 E	-4.35
192	7240	95.5	126.4	5654.77	-990.23	1243.67	1589.73	4.11	S 53.6 E	-4.79
193	7250	95.4	126.7	5653.82	-996.16	1251.66	1599.68	3.15	S 53.3 E	-5.16
194	7260	95.3	126.9	5652.89	-1002.12	1259.64	1609.63	2.23	S 53.1 E	-5.49
195	7270	94.7	127.8	5652.02	-1008.17	1267.56	1619.59	10.79	S 52.2 E	-5.73
196	7280	94.1	128.5	5651.25	-1014.32	1275.40	1629.56	9.20	S 51.5 E	-5.82
197	7290	94.1	129.3	5650.54	-1020.59	1283.16	1639.53	7.98	S 50.7 E	-5.79
198	7300	94.5	129.5	5649.79	-1026.92	1290.86	1649.50	4.47	S 50.5 E	-5.66
199	7310	94.9	129.6	5648.97	-1033.26	1298.55	1659.47	4.12	S 50.4 E	-5.52
200	7320	95.1	129.6	5648.10	-1039.61	1306.22	1669.43	2.00	S 50.4 E	-5.36
201	7330	95.9	129.8	5647.14	-1045.97	1313.88	1679.38	8.24	S 50.2 E	-5.19
202	7340	97.2	129.6	5646.00	-1052.32	1321.53	1689.31	13.15	S 50.4 E	-5.01
203	7350	97.8	129.5	5644.69	-1058.63	1329.17	1699.23	6.08	S 50.5 E	-4.87
204	7360	97.8	129.6	5643.33	-1064.94	1336.81	1709.13	0.99	S 50.4 E	-4.72
205	7370	97.7	130.2	5641.99	-1071.29	1344.41	1719.04	6.03	S 49.8 E	-4.51
206	7380	97.6	129.8	5640.66	-1077.67	1352.00	1728.95	4.09	S 50.2 E	-4.29
207	7390	97.4	129.5	5639.35	-1083.99	1359.64	1738.86	3.58	S 50.5 E	-4.12
208	7400	97.4	129.4	5638.06	-1090.29	1367.30	1748.78	0.99	S 50.6 E	-3.99
209	7410	97.2	129.4	5636.79	-1096.59	1374.96	1758.70	2.00	S 50.6 E	-3.87
210	7420	97.1	129.4	5635.55	-1102.89	1382.63	1768.62	1.00	S 50.6 E	-3.75
211	7430	96.9	129.4	5634.33	-1109.19	1390.30	1778.54	2.00	S 50.6 E	-3.63
212	7440	97.0	129.3	5633.12	-1115.48	1397.97	1788.47	1.41	S 50.7 E	-3.52
213	7450	96.5	129.4	5631.94	-1121.78	1405.65	1798.40	5.10	S 50.6 E	-3.40
214	7460	95.3	129.3	5630.91	-1128.08	1413.34	1808.34	12.04	S 50.7 E	-3.29
215	7470	94.8	129.1	5630.03	-1134.38	1421.06	1818.30	5.38	S 50.9 E	-3.20
216	7476	94.9	128.9	5629.53	-1138.14	1425.71	1824.28	3.72	S 51.1 E	-3.17
217	7480	95.0	128.8	5629.18	-1140.64	1428.81	1828.27	3.72	S 51.2 E	-3.16
218	7490	95.1	128.4	5628.30	-1146.86	1436.60	1838.23	3.72	S 51.6 E	-3.18
219	7502	95.3	128.0	5627.21	-1154.25	1445.99	1850.18	3.71	S 52.0 E	-3.28

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #2		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5500'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1761.09 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.36 ~~East~~ West		TOTAL CORR.(-/+)	12.3
DATE: 12/09/97	TIME: 10:14 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
TIE	5500	0.3	327.0	5498.34	11.82	-52.49	45.17	1.15	N 33.0 W	-29.23
1	5510	2.2	307.2	5508.34	11.96	-52.66	45.38	19.97	N 52.8 W	-29.26
2	5515	3.3	313.8	5513.33	12.12	-52.84	45.63	22.89	N 46.2 W	-29.28
3	5520	5.5	321.4	5518.32	12.40	-53.09	46.01	44.06	N 38.6 W	-29.26
4	5525	7.9	321.8	5523.28	12.86	-53.45	46.59	48.81	N 38.2 W	-29.19
5	5530	10.2	322.2	5528.22	13.48	-53.94	47.37	46.02	N 37.8 W	-29.11
6	5535	12.1	322.6	5533.12	14.24	-54.53	48.33	38.03	N 37.4 W	-28.99
7	5540	14.4	323.0	5537.99	15.16	-55.22	49.46	46.04	N 37.0 W	-28.85
8	5545	16.7	323.4	5542.81	16.23	-56.02	50.79	46.05	N 36.6 W	-28.67
9	5550	18.9	323.8	5547.57	17.46	-56.93	52.31	44.07	N 36.2 W	-28.46
10	5555	21.2	324.3	5552.27	18.85	-57.93	54.00	46.13	N 35.7 W	-28.21
11	5560	23.5	325.0	5556.89	20.40	-59.03	55.88	46.31	N 35.0 W	-27.91
12	5565	25.5	323.9	5561.44	22.09	-60.24	57.93	41.03	N 36.1 W	-27.59
13	5570	27.6	322.7	5565.91	23.88	-61.58	60.14	43.35	N 37.3 W	-27.29
14	5575	29.7	320.9	5570.30	25.76	-63.06	62.53	45.40	N 39.1 W	-27.03
15	5580	31.6	319.7	5574.60	27.72	-64.69	65.07	39.92	N 40.3 W	-26.82
16	5585	33.4	318.4	5578.82	29.75	-66.45	67.75	38.61	N 41.6 W	-26.66
17	5590	35.6	316.3	5582.94	31.83	-68.37	70.58	50.01	N 43.7 W	-26.58
18	5595	37.4	315.4	5586.96	33.96	-70.44	73.55	37.56	N 44.6 W	-26.56
19	5600	39.4	315.0	5590.88	36.17	-72.63	76.66	40.31	N 45.0 W	-26.59
20	5605	41.3	315.8	5594.69	38.47	-74.90	79.89	39.39	N 44.2 W	-26.60
21	5610	43.0	317.6	5598.39	40.91	-77.20	83.25	41.71	N 42.4 W	-26.53
22	5615	44.5	319.6	5602.00	43.51	-79.49	86.70	40.80	N 40.4 W	-26.35
23	5620	46.7	323.8	5605.50	46.31	-81.70	90.25	74.40	N 36.2 W	-25.97
24	5625	48.5	323.8	5608.87	49.29	-83.88	93.90	36.00	N 36.2 W	-25.44
25	5630	50.0	325.2	5612.14	52.38	-86.08	97.65	36.74	N 34.8 W	-24.86
26	5635	52.0	324.8	5615.28	55.56	-88.31	101.48	40.48	N 35.2 W	-24.22
27	5640	53.9	323.9	5618.30	58.80	-90.63	105.42	40.62	N 36.1 W	-23.61
28	5645	56.1	323.1	5621.16	62.09	-93.07	109.48	45.91	N 36.9 W	-23.05
29	5650	58.3	321.8	5623.87	65.42	-95.63	113.65	49.13	N 38.2 W	-22.55
30	5655	60.5	320.7	5626.42	68.78	-98.33	117.94	47.90	N 39.3 W	-22.13
31	5660	62.3	320.0	5628.81	72.16	-101.13	122.31	38.04	N 40.0 W	-21.76
32	5665	64.2	320.3	5631.06	75.59	-103.99	126.76	38.38	N 39.7 W	-21.41
33	5670	65.9	321.2	5633.17	79.10	-106.86	131.28	37.71	N 38.8 W	-21.00
34	5675	67.6	322.9	5635.15	82.72	-109.68	135.84	46.17	N 37.1 W	-20.49
35	5680	69.6	325.0	5636.97	86.48	-112.42	140.45	55.94	N 35.0 W	-19.81
36	5685	71.0	327.0	5638.66	90.39	-115.05	145.07	46.93	N 33.0 W	-18.96

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #2		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5500'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1761.09 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.36 East		TOTAL CORR.(-/+)	12.3
DATE: 12/09/97	TIME: 10:14 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
37	5690	72.6	328.5	5640.22	94.40	-117.58	149.72	42.85	N 31.5 W	-17.96
38	5695	73.9	328.2	5641.66	98.48	-120.10	154.39	26.63	N 31.8 W	-16.90
39	5700	75.9	327.7	5642.96	102.57	-122.66	159.10	41.15	N 32.3 W	-15.87
40	5705	77.6	326.5	5644.11	106.66	-125.30	163.87	41.25	N 33.5 W	-14.90
41	5710	79.1	325.7	5645.12	110.72	-128.03	168.69	33.85	N 34.3 W	-14.01
42	5720	81.3	325.1	5646.82	118.83	-133.63	178.40	22.78	N 34.9 W	-12.33
43	5730	82.3	324.8	5648.24	126.93	-139.31	188.16	10.43	N 35.2 W	-10.72
44	5740	83.4	324.8	5649.49	135.04	-145.03	197.96	11.00	N 35.2 W	-9.14
45	5750	85.1	324.8	5650.49	143.17	-150.77	207.78	17.00	N 35.2 W	-7.55
46	5760	87.0	324.6	5651.18	151.31	-156.53	217.63	19.10	N 35.4 W	-5.97
47	5770	88.4	324.3	5651.58	159.44	-162.34	227.50	14.32	N 35.7 W	-4.43
48	5780	89.6	323.5	5651.76	167.52	-168.23	237.39	14.42	N 36.5 W	-2.99
49	5790	90.7	323.0	5651.73	175.53	-174.22	247.31	12.08	N 37.0 W	-1.66
50	5800	91.4	322.2	5651.55	183.48	-180.29	257.23	10.63	N 37.8 W	-0.44
51	5810	91.9	321.6	5651.26	191.34	-186.46	267.16	7.81	N 38.4 W	0.66
52	5820	91.4	321.6	5650.97	199.18	-192.66	277.11	5.00	N 38.4 W	1.70
53	5830	90.1	321.4	5650.84	207.00	-198.89	287.05	13.15	N 38.6 W	2.73
54	5840	89.4	321.0	5650.88	214.79	-205.15	297.00	8.06	N 39.0 W	3.71
55	5850	88.9	319.9	5651.03	222.50	-211.52	306.97	12.08	N 40.1 W	4.55
56	5860	88.3	318.8	5651.28	230.09	-218.03	316.94	12.53	N 41.2 W	5.21
57	5870	88.0	317.2	5651.60	237.52	-224.72	326.93	16.27	N 42.8 W	5.62
58	5880	88.2	316.1	5651.93	244.78	-231.58	336.92	11.17	N 43.9 W	5.81
59	5890	88.5	315.5	5652.22	251.95	-238.55	346.92	6.71	N 44.5 W	5.84
60	5900	88.6	315.5	5652.47	259.08	-245.56	356.91	1.00	N 44.5 W	5.82
61	5910	88.4	315.6	5652.73	266.22	-252.56	366.91	2.24	N 44.4 W	5.82
62	5920	88.2	316.0	5653.03	273.38	-259.53	376.91	4.47	N 44.0 W	5.85
63	5930	88.2	316.2	5653.34	280.58	-266.46	386.90	2.00	N 43.8 W	5.94
64	5940	88.4	316.4	5653.64	287.81	-273.36	396.89	2.83	N 43.6 W	6.06
65	5950	88.7	315.7	5653.89	295.01	-280.30	406.89	7.61	N 44.3 W	6.14
66	5960	89.7	315.4	5654.03	302.15	-287.30	416.89	10.44	N 44.6 W	6.13
67	5970	90.2	315.3	5654.04	309.26	-294.33	426.89	5.10	N 44.7 W	6.09
68	5980	90.7	315.4	5653.96	316.37	-301.36	436.89	5.10	N 44.6 W	6.04
69	5990	91.9	315.1	5653.74	323.47	-308.40	446.89	12.37	N 44.9 W	5.98
70	6000	93.2	315.0	5653.29	330.54	-315.45	456.88	13.04	N 45.0 W	5.89
71	6010	93.8	315.0	5652.68	337.60	-322.51	466.86	6.00	N 45.0 W	5.78
72	6020	93.9	315.0	5652.01	344.66	-329.57	476.83	1.00	N 45.0 W	5.68
73	6030	94.1	315.0	5651.31	351.71	-336.62	486.81	2.00	N 45.0 W	5.57

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #2	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5500'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1761.09 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.36 East		TOTAL CORR.(-/+)	12.3
DATE: 12/09/97	TIME: 10:14 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
74	6040	93.6	315.3	5650.64	358.78	-343.66	496.79	5.83	N 44.7 W	5.49
75	6050	92.6	315.4	5650.10	365.89	-350.68	506.77	10.05	N 44.6 W	5.45
76	6060	92.2	315.5	5649.68	373.01	-357.68	516.76	4.12	N 44.5 W	5.42
77	6070	92.2	315.7	5649.30	380.15	-364.68	526.75	2.00	N 44.3 W	5.42
78	6080	92.0	315.8	5648.93	387.30	-371.65	536.75	2.24	N 44.2 W	5.45
79	6090	91.7	316.3	5648.61	394.50	-378.59	546.74	5.83	N 43.7 W	5.53
80	6100	91.6	316.3	5648.32	401.73	-385.49	556.74	1.00	N 43.7 W	5.65
81	6110	91.7	315.3	5648.03	408.89	-392.46	566.73	10.05	N 44.7 W	5.69
82	6120	92.0	314.2	5647.71	415.93	-399.56	576.73	11.40	N 45.8 W	5.54
83	6130	92.1	313.7	5647.35	422.87	-406.75	586.72	5.10	N 46.3 W	5.25
84	6140	90.8	313.5	5647.10	429.76	-413.99	596.71	13.15	N 46.5 W	4.90
85	6150	89.5	313.2	5647.07	436.62	-421.26	606.70	13.34	N 46.8 W	4.51
86	6160	88.8	312.8	5647.22	443.44	-428.58	616.69	8.06	N 47.2 W	4.05
87	6170	88.4	312.6	5647.46	450.22	-435.92	626.67	4.47	N 47.4 W	3.55
88	6180	88.1	312.5	5647.77	456.98	-443.29	636.65	3.16	N 47.5 W	3.02
89	6190	88.2	312.6	5648.09	463.74	-450.65	646.63	1.41	N 47.4 W	2.49
90	6200	88.1	312.8	5648.42	470.52	-458.00	656.61	2.24	N 47.2 W	1.98
91	6210	87.9	313.0	5648.76	477.32	-465.32	666.60	2.83	N 47.0 W	1.51
92	6220	87.7	313.0	5649.15	484.14	-472.62	676.58	2.00	N 47.0 W	1.06
93	6230	87.8	313.1	5649.54	490.96	-479.93	686.56	1.41	N 46.9 W	0.61
94	6240	88.5	313.2	5649.86	497.79	-487.22	696.55	7.07	N 46.8 W	0.18
95	6250	90.1	313.2	5649.99	504.64	-494.51	706.54	16.00	N 46.8 W	-0.24
96	6260	91.3	313.3	5649.86	511.49	-501.79	716.53	12.04	N 46.7 W	-0.65
97	6270	92.1	313.1	5649.57	518.33	-509.08	726.52	8.25	N 46.9 W	-1.06
98	6280	92.8	312.7	5649.14	525.13	-516.40	736.50	8.06	N 47.3 W	-1.53
99	6290	93.2	313.1	5648.62	531.93	-523.71	746.47	5.65	N 46.9 W	-2.00
100	6300	93.2	313.6	5648.06	538.78	-530.97	756.45	4.99	N 46.4 W	-2.40
101	6310	93.1	313.9	5647.51	545.69	-538.18	766.43	3.16	N 46.1 W	-2.72
102	6320	93.2	314.2	5646.96	552.63	-545.36	776.41	3.16	N 45.8 W	-2.99
103	6330	93.3	314.8	5646.39	559.63	-552.48	786.39	6.07	N 45.2 W	-3.18
104	6340	93.7	315.3	5645.78	566.69	-559.53	796.37	6.40	N 44.7 W	-3.28
105	6350	93.7	315.4	5645.14	573.79	-566.55	806.35	1.00	N 44.6 W	-3.32
106	6360	92.6	315.5	5644.59	580.91	-573.55	816.33	11.05	N 44.5 W	-3.35
107	6370	91.4	315.6	5644.24	588.04	-580.55	826.33	12.04	N 44.4 W	-3.36
108	6380	91.1	315.5	5644.02	595.18	-587.55	836.33	3.16	N 44.5 W	-3.36
109	6390	91.4	315.5	5643.80	602.31	-594.56	846.32	3.00	N 44.5 W	-3.38
110	6400	91.6	315.3	5643.54	609.43	-601.58	856.32	2.83	N 44.7 W	-3.42

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #2	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5500'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1761.09 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.36 East		TOTAL CORR.(-/+)	12.3
DATE: 12/09/97	TIME: 10:14 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
111	6410	91.6	315.2	5643.26	616.53	-608.61	866.32	1.00	N 44.8 W	-3.48
112	6420	90.9	315.6	5643.04	623.64	-615.63	876.31	8.06	N 44.4 W	-3.51
113	6430	89.7	316.0	5642.99	630.81	-622.61	886.31	12.65	N 44.0 W	-3.48
114	6440	89.2	316.0	5643.09	638.01	-629.55	896.31	5.00	N 44.0 W	-3.41
115	6450	89.2	315.8	5643.23	645.19	-636.51	906.31	2.00	N 44.2 W	-3.36
116	6460	89.4	315.6	5643.35	652.34	-643.49	916.31	2.83	N 44.4 W	-3.34
117	6470	89.6	315.4	5643.44	659.48	-650.50	926.31	2.83	N 44.6 W	-3.36
118	6480	89.7	315.4	5643.50	666.60	-657.52	936.31	1.00	N 44.6 W	-3.39
119	6490	89.7	315.3	5643.55	673.71	-664.55	946.31	1.00	N 44.7 W	-3.43
120	6500	89.9	315.3	5643.58	680.82	-671.59	956.31	2.00	N 44.7 W	-3.49
121	6510	89.6	315.5	5643.63	687.94	-678.61	966.31	3.61	N 44.5 W	-3.52
122	6520	88.5	316.2	5643.79	695.11	-685.57	976.31	13.04	N 43.8 W	-3.48
123	6530	87.6	316.5	5644.13	702.34	-692.47	986.30	9.49	N 43.5 W	-3.35
124	6540	86.9	316.5	5644.61	709.59	-699.34	996.29	7.00	N 43.5 W	-3.19
125	6550	85.4	316.5	5645.28	716.83	-706.21	1006.26	15.00	N 43.5 W	-3.03
126	6560	84.3	316.3	5646.18	724.04	-713.08	1016.22	11.18	N 43.7 W	-2.89
127	6570	84.0	316.2	5647.20	731.22	-719.96	1026.17	3.16	N 43.8 W	-2.78
128	6580	83.9	316.2	5648.26	738.40	-726.84	1036.11	1.00	N 43.8 W	-2.68
129	6590	83.7	316.5	5649.34	745.60	-733.71	1046.05	3.59	N 43.5 W	-2.55
130	6600	83.6	316.6	5650.44	752.81	-740.54	1055.99	1.41	N 43.4 W	-2.38
131	6610	83.4	316.7	5651.57	760.04	-747.36	1065.93	2.23	N 43.3 W	-2.20
132	6620	83.3	316.9	5652.73	767.28	-754.16	1075.86	2.22	N 43.1 W	-1.99
133	6630	82.9	316.9	5653.93	774.52	-760.94	1085.78	4.00	N 43.1 W	-1.77
134	6640	82.9	317.0	5655.17	781.78	-767.72	1095.70	0.99	N 43.0 W	-1.53
135	6650	83.4	317.5	5656.36	789.07	-774.46	1105.63	7.05	N 42.5 W	-1.25
136	6660	83.6	317.2	5657.49	796.37	-781.19	1115.56	3.59	N 42.8 W	-0.94
137	6670	83.9	317.5	5658.58	803.69	-787.92	1125.49	4.23	N 42.5 W	-0.64
138	6680	84.5	317.5	5659.59	811.02	-794.64	1135.44	6.00	N 42.5 W	-0.31
139	6690	85.2	317.4	5660.49	818.36	-801.38	1145.39	7.07	N 42.6 W	0.01
140	6700	86.2	317.6	5661.24	825.71	-808.12	1155.36	10.20	N 42.4 W	0.34
141	6710	86.6	317.1	5661.87	833.05	-814.88	1165.33	6.40	N 42.9 W	0.65
142	6720	86.7	317.3	5662.45	840.38	-821.66	1175.31	2.23	N 42.7 W	0.93
143	6730	86.5	317.6	5663.05	847.73	-828.41	1185.29	3.60	N 42.4 W	1.25
144	6740	86.3	317.6	5663.67	855.10	-835.14	1195.26	2.00	N 42.4 W	1.60
145	6750	86.2	317.7	5664.33	862.47	-841.86	1205.23	1.41	N 42.3 W	1.95
146	6760	86.5	317.5	5664.96	869.84	-848.59	1215.21	3.60	N 42.5 W	2.30
147	6770	87.3	317.3	5665.50	877.19	-855.35	1225.19	8.25	N 42.7 W	2.62

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #2		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			

Tie in to Scientific Finder Gyro Survey @ 5500'.
Horizontal Displacement: 1761.09 Feet
Displacement Bearing: North 44.36 East

MAG DEC.(-/+)	12.3
GRID CORR.(-/+)	0.0
TOTAL CORR.(-/+)	12.3
TRUE TO GRID	

DATE: 12/09/97 TIME: 10:14 AM

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
148	6780	87.8	317.4	5665.93	884.54	-862.12	1235.18	5.10	N 42.6 W	2.92
149	6790	88.0	317.0	5666.30	891.87	-868.91	1245.16	4.47	N 43.0 W	3.20
150	6800	88.6	316.4	5666.60	899.15	-875.77	1255.16	8.48	N 43.6 W	3.39
151	6810	89.4	316.1	5666.77	906.37	-882.68	1265.16	8.54	N 43.9 W	3.50
152	6820	89.8	316.0	5666.84	913.57	-889.62	1275.16	4.12	N 44.0 W	3.58
153	6830	90.0	316.0	5666.86	920.76	-896.57	1285.15	2.00	N 44.0 W	3.65
154	6840	90.2	316.3	5666.84	927.98	-903.49	1295.15	3.61	N 43.7 W	3.75
155	6850	90.2	316.4	5666.80	935.21	-910.40	1305.15	1.00	N 43.6 W	3.88
156	6860	90.2	316.4	5666.77	942.45	-917.29	1315.15	0.00	N 43.6 W	4.02
157	6870	90.4	316.7	5666.72	949.71	-924.17	1325.15	3.61	N 43.3 W	4.19
158	6880	90.3	316.9	5666.66	957.00	-931.01	1335.15	2.24	N 43.1 W	4.39
159	6890	90.0	316.7	5666.63	964.29	-937.86	1345.15	3.61	N 43.3 W	4.60
160	6900	89.5	316.0	5666.67	971.53	-944.76	1355.15	8.60	N 44.0 W	4.73
161	6910	89.4	316.2	5666.77	978.73	-951.70	1365.14	2.24	N 43.8 W	4.82
162	6920	88.9	315.6	5666.92	985.91	-958.65	1375.14	7.81	N 44.4 W	4.87
163	6930	88.8	315.7	5667.12	993.06	-965.64	1385.14	1.41	N 44.3 W	4.88
164	6940	88.9	315.7	5667.32	1000.22	-972.63	1395.14	1.00	N 44.3 W	4.90
165	6950	89.5	315.5	5667.46	1007.36	-979.62	1405.14	6.32	N 44.5 W	4.90
166	6960	90.3	315.4	5667.48	1014.49	-986.64	1415.14	8.06	N 44.6 W	4.87
167	6970	90.7	315.2	5667.39	1021.60	-993.67	1425.14	4.47	N 44.8 W	4.82
168	6980	90.7	315.4	5667.27	1028.70	-1000.70	1435.14	2.00	N 44.6 W	4.77
169	6990	90.7	315.4	5667.15	1035.82	-1007.73	1445.14	0.00	N 44.6 W	4.73
170	7000	90.9	315.8	5667.01	1042.97	-1014.72	1455.13	4.47	N 44.2 W	4.73
171	7010	90.8	315.6	5666.86	1050.12	-1021.70	1465.13	2.24	N 44.4 W	4.75
172	7020	90.9	315.5	5666.71	1057.26	-1028.71	1475.13	1.41	N 44.5 W	4.74
173	7030	90.8	314.6	5666.56	1064.34	-1035.77	1485.13	9.05	N 45.4 W	4.65
174	7040	91.2	314.6	5666.39	1071.36	-1042.89	1495.13	4.00	N 45.4 W	4.47
175	7050	91.7	314.5	5666.13	1078.37	-1050.01	1505.12	5.10	N 45.5 W	4.29
176	7060	89.6	315.0	5666.02	1085.41	-1057.12	1515.12	21.59	N 45.0 W	4.14
177	7070	88.9	315.0	5666.15	1092.48	-1064.19	1525.12	7.00	N 45.0 W	4.04
178	7080	88.9	315.2	5666.34	1099.56	-1071.24	1535.12	2.00	N 44.8 W	3.95
179	7090	89.0	315.5	5666.53	1106.68	-1078.27	1545.12	3.16	N 44.5 W	3.91
180	7100	89.1	315.8	5666.69	1113.83	-1085.26	1555.11	3.16	N 44.2 W	3.91
181	7110	89.3	316.1	5666.83	1121.01	-1092.21	1565.11	3.61	N 43.9 W	3.98
182	7120	89.4	315.4	5666.94	1128.17	-1099.19	1575.11	7.07	N 44.6 W	4.00
183	7130	89.9	315.6	5667.01	1135.31	-1106.20	1585.11	5.39	N 44.4 W	3.98
184	7140	89.7	315.0	5667.04	1142.41	-1113.23	1595.11	6.32	N 45.0 W	3.93

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #2	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5500'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1761.09 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.36 East		TOTAL CORR.(-/+)	12.3
DATE: 12/09/97	TIME: 10:14 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
185	7150	89.6	315.1	5667.10	1149.49	-1120.30	1605.11	1.41	N 44.9 W	3.84
186	7160	89.7	314.8	5667.16	1156.56	-1127.37	1615.11	3.16	N 45.2 W	3.72
187	7170	89.8	314.8	5667.21	1163.60	-1134.47	1625.11	1.00	N 45.2 W	3.58
188	7180	89.8	314.7	5667.24	1170.64	-1141.57	1635.11	1.00	N 45.3 W	3.43
189	7190	89.8	314.2	5667.28	1177.65	-1148.71	1645.11	5.00	N 45.8 W	3.23
190	7200	89.9	314.2	5667.30	1184.62	-1155.88	1655.10	1.00	N 45.8 W	2.99
191	7210	90.2	314.2	5667.29	1191.59	-1163.05	1665.10	3.00	N 45.8 W	2.75
192	7220	90.3	314.6	5667.25	1198.59	-1170.19	1675.10	4.12	N 45.4 W	2.54
193	7230	90.3	314.7	5667.20	1205.61	-1177.31	1685.10	1.00	N 45.3 W	2.37
194	7240	90.3	314.6	5667.15	1212.64	-1184.42	1695.09	1.00	N 45.4 W	2.20
195	7250	90.3	315.0	5667.09	1219.69	-1191.52	1705.09	4.00	N 45.0 W	2.06
196	7260	90.4	315.1	5667.03	1226.76	-1198.58	1715.09	1.41	N 44.9 W	1.97
197	7270	90.6	315.2	5666.94	1233.85	-1205.63	1725.09	2.24	N 44.8 W	1.89
198	7280	90.7	315.0	5666.83	1240.94	-1212.69	1735.09	2.24	N 45.0 W	1.80
199	7290	90.8	314.8	5666.70	1247.99	-1219.77	1745.09	2.24	N 45.2 W	1.68
200	7300	90.9	314.6	5666.55	1255.03	-1226.88	1755.09	2.24	N 45.4 W	1.52
201	7306	91.0	314.5	5666.45	1259.24	-1231.16	1761.08	2.24	N 45.5 W	1.41

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #3	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1,850.39 Feet.		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.37° East.		TOTAL CORR.(-/+)	12.3
DATE: 12/15/97	TIME: 4:39 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
TIE	5400	0.3	317.8	5398.35	11.43	-52.19	-47.88	0.25	N 42.2 W	23.71
1	5481	4.7	135.3	5479.27	9.24	-50.01	-44.81	6.16	S 44.7 E	24.06
2	5485	6.5	133.1	5483.25	8.97	-49.73	-44.42	46.32	S 46.9 E	24.09
3	5490	8.8	133.5	5488.20	8.51	-49.24	-43.75	46.41	S 46.5 E	24.15
4	5495	10.0	132.9	5493.13	7.95	-48.65	-42.94	23.27	S 47.1 E	24.21
5	5500	12.0	132.3	5498.04	7.31	-47.95	-41.99	40.06	S 47.7 E	24.28
6	5505	14.0	131.8	5502.91	6.55	-47.11	-40.86	40.08	S 48.2 E	24.34
7	5510	16.0	131.2	5507.74	5.70	-46.14	-39.57	40.10	S 48.8 E	24.40
8	5515	17.9	130.7	5512.53	4.74	-45.04	-38.12	38.14	S 49.4 E	24.46
9	5520	19.8	130.1	5517.26	3.70	-43.81	-36.50	38.17	S 49.9 E	24.51
10	5525	21.8	129.5	5521.93	2.56	-42.44	-34.73	40.20	S 50.5 E	24.54
11	5530	23.6	129.0	5526.54	1.34	-40.95	-32.80	36.27	S 51.0 E	24.56
12	5535	25.4	128.4	5531.09	0.04	-39.33	-30.72	36.30	S 51.6 E	24.56
13	5540	27.4	129.2	5535.57	-1.35	-37.60	-28.50	40.63	S 50.8 E	24.56
14	5545	29.3	128.8	5539.97	-2.84	-35.75	-26.13	38.19	S 51.2 E	24.57
15	5550	31.2	128.2	5544.29	-4.41	-33.78	-23.61	38.48	S 51.8 E	24.57
16	5555	33.4	127.4	5548.52	-6.05	-31.67	-20.94	44.82	S 52.6 E	24.52
17	5560	35.3	126.8	5552.64	-7.75	-29.42	-18.12	38.60	S 53.2 E	24.44
18	5565	37.5	126.5	5556.67	-9.52	-27.04	-15.15	44.14	S 53.5 E	24.34
19	5570	39.4	126.2	5560.58	-11.36	-24.54	-12.04	38.18	S 53.8 E	24.21
20	5575	41.4	125.8	5564.39	-13.27	-21.91	-8.81	40.33	S 54.2 E	24.06
21	5580	43.5	125.5	5568.08	-15.23	-19.17	-5.44	42.19	S 54.5 E	23.88
22	5585	45.7	125.8	5571.64	-17.28	-16.32	-1.93	44.20	S 54.2 E	23.69
23	5590	47.7	125.6	5575.07	-19.40	-13.37	1.70	40.11	S 54.4 E	23.50
24	5595	49.7	125.5	5578.37	-21.59	-10.31	5.45	40.03	S 54.5 E	23.29
25	5600	51.8	125.5	5581.53	-23.84	-7.16	9.32	42.00	S 54.5 E	23.08
26	5605	54.0	125.6	5584.55	-26.15	-3.91	13.30	44.03	S 54.4 E	22.86
27	5610	56.1	125.5	5587.41	-28.54	-0.58	17.39	42.03	S 54.5 E	22.63
28	5615	58.1	125.4	5590.13	-30.97	2.84	21.58	40.04	S 54.6 E	22.39
29	5620	60.0	125.3	5592.70	-33.45	6.34	25.86	38.04	S 54.7 E	22.14
30	5625	61.7	125.1	5595.13	-35.97	9.91	30.22	34.18	S 54.9 E	21.88
31	5630	63.9	125.1	5597.42	-38.53	13.55	34.66	44.00	S 54.9 E	21.60
32	5635	66.2	125.3	5599.53	-41.14	17.25	39.18	46.14	S 54.7 E	21.32
33	5640	68.5	125.1	5601.45	-43.80	21.02	43.79	46.15	S 54.9 E	21.04
34	5645	70.5	125.1	5603.21	-46.49	24.85	48.46	40.00	S 54.9 E	20.75
35	5650	73.0	125.3	5604.77	-49.23	28.73	53.20	50.14	S 54.7 E	20.46
36	5655	74.8	125.2	5606.16	-52.00	32.65	58.00	36.05	S 54.8 E	20.17

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #3		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1,850.39 Feet.		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.37° East.		TOTAL CORR.(-/+)	12.3
DATE: 12/15/97	TIME: 4:39 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
37	5660	76.8	125.0	5607.38	-54.79	36.62	62.83	40.19	S 55.0 E	19.86
38	5665	78.8	124.9	5608.44	-57.59	40.62	67.71	40.05	S 55.1 E	19.54
39	5670	80.6	125.0	5609.33	-60.41	44.66	72.62	36.05	S 55.0 E	19.22
40	5675	82.5	125.1	5610.07	-63.25	48.71	77.56	38.05	S 54.9 E	18.91
41	5680	85.0	125.7	5610.61	-66.13	52.76	82.52	51.40	S 54.3 E	18.62
42	5685	86.9	125.5	5610.97	-69.03	56.81	87.50	38.21	S 54.5 E	18.35
43	5690	88.6	125.3	5611.16	-71.92	60.88	92.48	34.23	S 54.7 E	18.06
44	5695	89.7	125.4	5611.24	-74.81	64.96	97.48	22.09	S 54.6 E	17.77
45	5700	90.3	125.5	5611.24	-77.71	69.03	102.47	12.17	S 54.5 E	17.49
46	5710	90.1	127.1	5611.20	-83.63	77.09	112.46	16.12	S 52.9 E	17.07
47	5720	90.5	128.7	5611.15	-89.78	84.98	122.46	16.49	S 51.3 E	16.93
48	5730	91.3	129.0	5610.99	-96.05	92.77	132.46	8.54	S 51.0 E	16.96
49	5740	91.6	129.0	5610.74	-102.34	100.54	142.45	3.00	S 51.0 E	17.01
50	5750	91.6	128.0	5610.46	-108.56	108.36	152.45	10.00	S 52.0 E	16.97
51	5760	92.3	128.9	5610.12	-114.78	116.19	162.44	11.40	S 51.1 E	16.93
52	5770	94.1	129.3	5609.56	-121.07	123.94	172.43	18.44	S 50.7 E	17.00
53	5780	95.6	130.0	5608.72	-127.43	131.61	182.39	16.54	S 50.0 E	17.16
54	5790	96.5	130.3	5607.66	-133.84	139.21	192.33	9.48	S 49.7 E	17.42
55	5800	95.6	130.2	5606.61	-140.27	146.80	202.27	9.05	S 49.8 E	17.68
56	5810	94.0	130.4	5605.77	-146.71	154.40	212.23	16.12	S 49.6 E	17.96
57	5820	93.1	130.4	5605.15	-153.18	162.00	222.21	9.00	S 49.6 E	18.26
58	5830	91.9	130.2	5604.72	-159.64	169.62	232.19	12.17	S 49.8 E	18.54
59	5840	90.7	129.9	5604.49	-166.08	177.27	242.19	12.37	S 50.1 E	18.77
60	5850	90.1	129.7	5604.42	-172.48	184.96	252.19	6.32	S 50.3 E	18.97
61	5860	89.8	129.8	5604.43	-178.87	192.64	262.18	3.16	S 50.2 E	19.15
62	5870	90.0	129.2	5604.45	-185.23	200.36	272.18	6.32	S 50.8 E	19.29
63	5880	90.2	129.3	5604.43	-191.56	208.10	282.18	2.24	S 50.7 E	19.38
64	5890	90.4	129.4	5604.38	-197.90	215.84	292.18	2.24	S 50.6 E	19.50
65	5900	90.6	129.6	5604.29	-204.26	223.55	302.18	2.83	S 50.4 E	19.64
66	5910	90.7	129.5	5604.18	-210.63	231.26	312.18	1.41	S 50.5 E	19.79
67	5920	90.3	129.6	5604.09	-217.00	238.97	322.18	4.12	S 50.4 E	19.93
68	5930	89.4	129.7	5604.11	-223.38	246.67	332.18	9.06	S 50.3 E	20.10
69	5940	88.7	129.9	5604.28	-229.78	254.35	342.17	7.28	S 50.1 E	20.29
70	5950	87.9	129.8	5604.58	-236.18	262.03	352.17	8.06	S 50.2 E	20.49
71	5960	86.5	129.3	5605.07	-242.54	269.73	362.15	14.86	S 50.7 E	20.64
72	5970	85.4	128.9	5605.77	-248.83	277.47	372.13	11.70	S 51.1 E	20.71
73	5980	84.7	128.6	5606.63	-255.07	285.24	382.09	7.61	S 51.4 E	20.72

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #3	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1,850.39 Feet.		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.37° East.		TOTAL CORR.(-/+)	12.3
DATE: 12/15/97	TIME: 4:39 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
74	5990	84.5	128.6	5607.58	-261.28	293.02	392.05	2.00	S 51.4 E	20.70
75	6000	84.6	128.7	5608.53	-267.50	300.80	402.00	1.41	S 51.3 E	20.69
76	6010	85.1	128.8	5609.42	-273.73	308.56	411.96	5.10	S 51.2 E	20.70
77	6020	85.2	128.8	5610.27	-279.97	316.33	421.92	1.00	S 51.2 E	20.72
78	6030	84.4	128.9	5611.18	-286.22	324.08	431.88	8.06	S 51.1 E	20.75
79	6040	84.7	128.8	5612.12	-292.47	331.84	441.84	3.16	S 51.2 E	20.77
80	6050	86.0	128.8	5612.94	-298.71	339.60	451.80	13.00	S 51.2 E	20.79
81	6060	87.8	129.3	5613.48	-305.00	347.36	461.79	18.68	S 50.7 E	20.85
82	6070	89.0	128.5	5613.76	-311.28	355.14	471.78	14.42	S 51.5 E	20.88
83	6080	89.3	127.7	5613.90	-317.45	363.01	481.78	8.54	S 52.3 E	20.78
84	6090	89.8	126.7	5613.98	-323.49	370.97	491.78	11.18	S 53.3 E	20.52
85	6100	90.5	126.4	5613.96	-329.45	379.00	501.77	7.62	S 53.6 E	20.14
86	6110	91.2	126.4	5613.81	-335.38	387.05	511.76	7.00	S 53.6 E	19.74
87	6120	91.6	126.6	5613.56	-341.33	395.09	521.75	4.47	S 53.4 E	19.36
88	6130	91.3	126.5	5613.31	-347.28	403.12	531.74	3.16	S 53.5 E	18.98
89	6140	90.3	126.6	5613.17	-353.24	411.15	541.73	10.05	S 53.4 E	18.61
90	6150	89.6	126.2	5613.18	-359.17	419.20	551.73	8.06	S 53.8 E	18.21
91	6160	89.3	126.0	5613.28	-365.06	427.28	561.71	3.61	S 54.0 E	17.75
92	6170	89.3	125.9	5613.40	-370.93	435.37	571.70	1.00	S 54.1 E	17.27
93	6180	89.0	125.7	5613.55	-376.78	443.48	581.69	3.61	S 54.3 E	16.77
94	6190	88.6	126.2	5613.76	-382.65	451.58	591.67	6.40	S 53.8 E	16.29
95	6200	89.1	126.2	5613.96	-388.56	459.65	601.66	5.00	S 53.8 E	15.85
96	6210	89.9	126.1	5614.04	-394.46	467.72	611.65	8.06	S 53.9 E	15.41
97	6220	90.4	126.1	5614.02	-400.35	475.80	621.64	5.00	S 53.9 E	14.95
98	6230	91.9	126.2	5613.82	-406.24	483.87	631.63	15.03	S 53.8 E	14.51
99	6240	93.4	126.2	5613.35	-412.14	491.93	641.61	15.00	S 53.8 E	14.07
100	6250	94.3	126.2	5612.68	-418.04	499.98	651.58	9.00	S 53.8 E	13.64
101	6260	94.1	126.3	5611.95	-423.93	508.03	661.54	2.23	S 53.7 E	13.21
102	6270	93.2	126.3	5611.31	-429.84	516.07	671.51	9.00	S 53.7 E	12.79
103	6280	92.5	126.1	5610.82	-435.74	524.13	681.49	7.28	S 53.9 E	12.36
104	6290	92.3	126.3	5610.40	-441.64	532.19	691.47	2.83	S 53.7 E	11.92
105	6300	91.5	126.2	5610.07	-447.55	540.25	701.46	8.06	S 53.8 E	11.49
106	6310	91.0	126.0	5609.85	-453.44	548.33	711.45	5.38	S 54.0 E	11.04
107	6320	90.7	126.1	5609.70	-459.33	556.41	721.43	3.16	S 53.9 E	10.58
108	6330	90.1	126.2	5609.63	-465.23	564.49	731.42	6.08	S 53.8 E	10.13
109	6340	90.1	127.2	5609.61	-471.20	572.51	741.42	10.00	S 52.8 E	9.78
110	6350	90.6	127.4	5609.55	-477.26	580.46	751.41	5.39	S 52.6 E	9.54

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #3		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1,850.39 Feet.		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.37° East.		TOTAL CORR.(-/+)	12.3
DATE: 12/15/97	TIME: 4:39 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
111	6360	90.3	127.3	5609.47	-483.33	588.41	761.41	3.16	S 52.7 E	9.30
112	6370	89.9	127.3	5609.46	-489.39	596.37	771.41	4.00	S 52.7 E	9.06
113	6380	89.6	127.1	5609.50	-495.43	604.33	781.40	3.61	S 52.9 E	8.80
114	6390	88.7	126.6	5609.65	-501.43	612.33	791.40	10.30	S 53.4 E	8.48
115	6400	86.8	125.3	5610.04	-507.30	620.42	801.38	23.02	S 54.7 E	8.00
116	6410	86.1	124.9	5610.66	-513.03	628.59	811.34	8.06	S 55.1 E	7.37
117	6420	86.8	125.2	5611.28	-518.77	636.76	821.30	7.61	S 54.8 E	6.73
118	6430	87.5	125.7	5611.78	-524.56	644.89	831.27	8.60	S 54.3 E	6.17
119	6440	87.7	125.4	5612.19	-530.37	653.02	841.25	3.60	S 54.6 E	5.62
120	6450	88.1	125.4	5612.56	-536.16	661.17	851.22	4.00	S 54.6 E	5.04
121	6460	89.4	124.8	5612.78	-541.91	669.35	861.20	14.32	S 55.2 E	4.42
122	6470	89.6	124.7	5612.87	-547.61	677.56	871.18	2.24	S 55.3 E	3.73
123	6480	89.5	125.1	5612.94	-553.33	685.76	881.15	4.12	S 54.9 E	3.06
124	6490	89.6	125.7	5613.02	-559.12	693.91	891.14	6.08	S 54.3 E	2.49
125	6500	89.5	126.3	5613.10	-565.00	702.00	901.13	6.08	S 53.7 E	2.02
126	6510	89.8	126.7	5613.16	-570.95	710.04	911.12	5.00	S 53.3 E	1.63
127	6520	90.3	126.8	5613.15	-576.93	718.06	921.11	5.10	S 53.2 E	1.29
128	6530	90.7	127.2	5613.07	-582.95	726.04	931.11	5.66	S 52.8 E	1.00
129	6540	90.9	127.2	5612.93	-588.99	734.01	941.10	2.00	S 52.8 E	0.74
130	6550	90.7	127.3	5612.79	-595.04	741.97	951.10	2.24	S 52.7 E	0.48
131	6560	91.2	127.0	5612.62	-601.08	749.93	961.09	5.83	S 53.0 E	0.21
132	6570	91.9	127.2	5612.35	-607.11	757.91	971.09	7.28	S 52.8 E	-0.07
133	6580	92.0	127.4	5612.01	-613.17	765.86	981.08	2.24	S 52.6 E	-0.31
134	6590	91.5	127.9	5611.71	-619.27	773.77	991.07	7.07	S 52.1 E	-0.49
135	6600	91.0	127.9	5611.49	-625.42	781.66	1001.07	5.00	S 52.1 E	-0.63
136	6610	90.6	128.0	5611.35	-631.56	789.55	1011.07	4.12	S 52.0 E	-0.76
137	6620	90.6	128.1	5611.24	-637.73	797.42	1021.07	1.00	S 51.9 E	-0.88
138	6630	90.8	128.3	5611.12	-643.91	805.28	1031.06	2.83	S 51.7 E	-0.97
139	6640	90.5	128.3	5611.01	-650.11	813.12	1041.06	3.00	S 51.7 E	-1.04
140	6650	90.3	127.7	5610.94	-656.27	821.00	1051.06	6.32	S 52.3 E	-1.16
141	6660	90.4	127.7	5610.88	-662.38	828.92	1061.06	1.00	S 52.3 E	-1.33
142	6670	90.7	127.6	5610.78	-668.49	836.83	1071.06	3.16	S 52.4 E	-1.51
143	6680	91.0	127.5	5610.63	-674.58	844.76	1081.05	3.16	S 52.5 E	-1.72
144	6690	90.8	127.6	5610.48	-680.68	852.69	1091.05	2.24	S 52.4 E	-1.92
145	6700	90.5	128.2	5610.36	-686.82	860.58	1101.05	6.71	S 51.8 E	-2.06
146	6710	90.7	129.3	5610.26	-693.08	868.38	1111.05	11.18	S 50.7 E	-2.05
147	6720	91.5	129.9	5610.07	-699.45	876.08	1121.05	10.00	S 50.1 E	-1.89

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #3	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1,850.39 Feet.		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.37° East.		TOTAL CORR.(-/+)	12.3
DATE: 12/15/97	TIME: 4:39 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
148	6730	92.2	130.4	5609.74	-705.89	883.72	1131.04	8.60	S 49.6 E	-1.64
149	6740	92.7	130.6	5609.32	-712.38	891.32	1141.02	5.38	S 49.4 E	-1.32
150	6750	93.0	130.8	5608.82	-718.90	898.89	1151.01	3.60	S 49.2 E	-0.97
151	6760	92.8	130.7	5608.31	-725.42	906.46	1160.99	2.24	S 49.3 E	-0.62
152	6770	92.5	130.4	5607.85	-731.91	914.05	1170.97	4.24	S 49.6 E	-0.30
153	6780	92.6	130.4	5607.40	-738.38	921.65	1180.96	1.00	S 49.6 E	0.00
154	6790	92.5	129.7	5606.96	-744.81	929.30	1190.94	7.06	S 50.3 E	0.24
155	6800	92.1	129.2	5606.56	-751.16	937.02	1200.93	6.40	S 50.8 E	0.37
156	6810	92.0	128.8	5606.20	-757.45	944.78	1210.93	4.12	S 51.2 E	0.42
157	6820	91.7	128.3	5605.88	-763.68	952.60	1220.92	5.83	S 51.7 E	0.39
158	6830	91.3	128.2	5605.62	-769.87	960.45	1230.92	4.12	S 51.8 E	0.32
159	6840	91.4	128.6	5605.38	-776.08	968.28	1240.92	4.12	S 51.4 E	0.26
160	6850	91.5	128.5	5605.13	-782.31	976.10	1250.91	1.41	S 51.5 E	0.24
161	6860	90.9	128.4	5604.92	-788.52	983.93	1260.91	6.08	S 51.6 E	0.19
162	6870	90.1	128.7	5604.83	-794.76	991.75	1270.91	8.54	S 51.3 E	0.17
163	6880	90.0	128.8	5604.82	-801.02	999.55	1280.91	1.41	S 51.2 E	0.18
164	6890	89.7	128.5	5604.85	-807.26	1007.36	1290.91	4.24	S 51.5 E	0.17
165	6900	89.5	128.6	5604.92	-813.49	1015.18	1300.91	2.24	S 51.4 E	0.14
166	6910	89.7	128.6	5604.99	-819.73	1023.00	1310.91	2.00	S 51.4 E	0.12
167	6920	89.8	128.7	5605.03	-825.98	1030.81	1320.91	1.41	S 51.3 E	0.11
168	6930	89.9	128.5	5605.06	-832.22	1038.62	1330.91	2.24	S 51.5 E	0.10
169	6940	90.1	128.5	5605.06	-838.44	1046.45	1340.91	2.00	S 51.5 E	0.06
170	6950	90.3	128.5	5605.02	-844.67	1054.27	1350.91	2.00	S 51.5 E	0.03
171	6960	90.2	128.4	5604.98	-850.88	1062.10	1360.91	1.41	S 51.6 E	-0.02
172	6970	90.1	128.3	5604.95	-857.09	1069.95	1370.91	1.41	S 51.7 E	-0.08
173	6980	90.2	128.3	5604.93	-863.29	1077.80	1380.91	1.00	S 51.7 E	-0.15
174	6990	90.3	128.2	5604.88	-869.48	1085.65	1390.91	1.41	S 51.8 E	-0.23
175	7000	90.0	128.2	5604.86	-875.66	1093.51	1400.91	3.00	S 51.8 E	-0.31
176	7010	89.7	128.3	5604.88	-881.85	1101.36	1410.91	3.16	S 51.7 E	-0.39
177	7020	89.5	128.3	5604.95	-888.05	1109.21	1420.91	2.00	S 51.7 E	-0.46
178	7030	89.6	128.3	5605.03	-894.25	1117.05	1430.91	1.00	S 51.7 E	-0.53
179	7040	90.1	128.4	5605.06	-900.45	1124.90	1440.91	5.10	S 51.6 E	-0.59
180	7050	90.4	128.2	5605.01	-906.65	1132.74	1450.90	3.61	S 51.8 E	-0.66
181	7060	90.5	128.2	5604.94	-912.83	1140.60	1460.90	1.00	S 51.8 E	-0.75
182	7070	90.7	128.2	5604.83	-919.02	1148.46	1470.90	2.00	S 51.8 E	-0.84
183	7080	90.4	127.7	5604.73	-925.17	1156.35	1480.90	5.83	S 52.3 E	-0.97
184	7090	89.7	127.0	5604.73	-931.23	1164.30	1490.90	9.90	S 53.0 E	-1.20

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #3		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1,850.39 Feet.		GRID CORR.(-/+)	0.0
Displacement Bearing: South 51.37° East.		TOTAL CORR.(-/+)	12.3
DATE: 12/15/97	TIME: 4:39 PM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 128.7

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
185	7100	89.2	127.0	5604.82	-937.25	1172.28	1500.89	5.00	S 53.0 E	-1.50
186	7110	89.2	127.7	5604.96	-943.32	1180.23	1510.89	7.00	S 52.3 E	-1.74
187	7120	89.2	128.8	5605.10	-949.51	1188.08	1520.89	11.00	S 51.2 E	-1.81
188	7130	89.0	128.8	5605.26	-955.77	1195.88	1530.89	2.00	S 51.2 E	-1.80
189	7140	88.9	128.6	5605.44	-962.02	1203.68	1540.89	2.24	S 51.4 E	-1.80
190	7150	89.1	128.1	5605.62	-968.23	1211.52	1550.88	5.38	S 51.9 E	-1.86
191	7160	88.9	127.7	5605.79	-974.37	1219.41	1560.88	4.47	S 52.3 E	-2.00
192	7170	88.8	127.7	5605.99	-980.48	1227.32	1570.88	1.00	S 52.3 E	-2.17
193	7180	88.9	127.1	5606.19	-986.56	1235.26	1580.87	6.08	S 52.9 E	-2.40
194	7190	88.7	126.7	5606.40	-992.56	1243.26	1590.87	4.47	S 53.3 E	-2.71
195	7200	88.6	127.0	5606.64	-998.56	1251.26	1600.86	3.16	S 53.0 E	-3.03
196	7210	88.5	127.0	5606.89	-1004.57	1259.24	1610.85	1.00	S 53.0 E	-3.33
197	7220	88.5	127.1	5607.15	-1010.59	1267.22	1620.84	1.00	S 52.9 E	-3.62
198	7230	88.6	127.3	5607.40	-1016.64	1275.18	1630.84	2.24	S 52.7 E	-3.88
199	7240	88.5	127.5	5607.66	-1022.71	1283.12	1640.83	2.24	S 52.5 E	-4.11
200	7250	88.0	127.1	5607.96	-1028.77	1291.07	1650.82	6.40	S 52.9 E	-4.35
201	7260	87.4	127.1	5608.36	-1034.79	1299.04	1660.81	6.00	S 52.9 E	-4.63
202	7270	86.7	127.8	5608.88	-1040.87	1306.97	1670.80	9.89	S 52.2 E	-4.85
203	7280	86.3	128.9	5609.49	-1047.06	1314.80	1680.78	11.69	S 51.1 E	-4.91
204	7290	86.6	129.3	5610.11	-1053.35	1322.55	1690.76	4.99	S 50.7 E	-4.84
205	7300	86.7	129.2	5610.69	-1059.67	1330.28	1700.74	1.41	S 50.8 E	-4.74
206	7310	87.0	128.9	5611.24	-1065.96	1338.03	1710.72	4.24	S 51.1 E	-4.68
207	7320	87.4	129.1	5611.73	-1072.25	1345.79	1720.71	4.47	S 50.9 E	-4.63
208	7330	87.8	129.1	5612.15	-1078.55	1353.55	1730.70	4.00	S 50.9 E	-4.56
209	7340	88.3	129.2	5612.49	-1084.86	1361.30	1740.70	5.10	S 50.8 E	-4.48
210	7350	89.6	129.4	5612.67	-1091.19	1369.03	1750.69	13.15	S 50.6 E	-4.38
211	7360	91.2	129.8	5612.60	-1097.56	1376.74	1760.69	16.49	S 50.2 E	-4.22
212	7370	92.4	130.3	5612.29	-1104.00	1384.39	1770.68	13.00	S 49.7 E	-3.99
213	7380	93.8	130.3	5611.75	-1110.45	1392.00	1780.67	14.00	S 49.7 E	-3.71
214	7390	94.7	130.0	5611.01	-1116.88	1399.63	1790.63	9.48	S 50.0 E	-3.45
215	7400	94.9	129.8	5610.17	-1123.28	1407.27	1800.60	2.82	S 50.2 E	-3.25
216	7410	95.0	129.6	5609.31	-1129.64	1414.94	1810.56	2.23	S 50.4 E	-3.07
217	7420	95.3	129.7	5608.41	-1136.00	1422.61	1820.52	3.16	S 50.3 E	-2.91
218	7425	95.3	129.6	5607.95	-1139.17	1426.44	1825.49	1.99	S 50.4 E	-2.82
219	7430	95.3	129.5	5607.49	-1142.34	1430.28	1830.47	1.99	S 50.5 E	-2.75
220	7440	95.3	129.3	5606.56	-1148.66	1437.97	1840.43	1.99	S 50.7 E	-2.63
221	7450	95.3	129.1	5605.64	-1154.96	1445.69	1850.39	1.99	S 50.9 E	-2.54

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #4	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1775.30 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.32° West		TOTAL CORR.(-/+)	12.3
DATE: 12/21/97	TIME: 5:36 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
1	5458	4.0	327.4	5456.30	13.24	-53.38	46.80	6.32	N 32.6 W	-28.87
2	5465	5.9	324.5	5463.27	13.74	-53.72	47.40	27.80	N 35.5 W	-28.77
3	5470	7.5	322.4	5468.24	14.20	-54.06	47.98	32.36	N 37.6 W	-28.69
4	5475	9.5	320.3	5473.18	14.78	-54.53	48.71	40.47	N 39.7 W	-28.62
5	5480	11.8	318.3	5478.10	15.48	-55.13	49.63	46.63	N 41.7 W	-28.56
6	5485	13.8	316.2	5482.97	16.29	-55.88	50.74	41.05	N 43.8 W	-28.53
7	5490	15.5	314.1	5487.81	17.19	-56.78	52.00	35.59	N 45.9 W	-28.54
8	5495	17.7	312.0	5492.60	18.16	-57.82	53.43	45.58	N 48.0 W	-28.61
9	5500	19.8	318.3	5497.34	19.30	-58.95	55.04	58.29	N 41.7 W	-28.61
10	5505	22.0	316.8	5502.01	20.62	-60.15	56.82	45.28	N 43.2 W	-28.55
11	5510	24.0	312.9	5506.61	21.99	-61.54	58.77	50.27	N 47.1 W	-28.58
12	5515	25.9	312.1	5511.14	23.42	-63.10	60.88	38.59	N 47.9 W	-28.70
13	5520	27.9	314.2	5515.60	24.96	-64.75	63.14	44.28	N 45.8 W	-28.79
14	5525	30.0	315.3	5519.98	26.67	-66.46	65.56	43.33	N 44.7 W	-28.83
15	5530	32.1	315.7	5524.26	28.51	-68.27	68.13	42.20	N 44.3 W	-28.83
16	5535	34.0	316.3	5528.45	30.47	-70.16	70.86	38.56	N 43.7 W	-28.81
17	5540	36.1	317.3	5532.54	32.56	-72.13	73.73	43.54	N 42.7 W	-28.75
18	5545	38.0	318.7	5536.53	34.80	-74.14	76.74	41.57	N 41.3 W	-28.62
19	5550	39.8	320.1	5540.43	37.19	-76.19	79.87	40.06	N 39.9 W	-28.42
20	5555	41.7	322.3	5544.21	39.73	-78.23	83.12	47.63	N 37.7 W	-28.10
21	5560	43.6	324.0	5547.89	42.44	-80.26	86.48	44.43	N 36.0 W	-27.65
22	5565	45.5	325.9	5551.45	45.31	-82.27	89.94	46.42	N 34.1 W	-27.08
23	5570	47.3	326.4	5554.90	48.32	-84.29	93.50	36.72	N 33.6 W	-26.42
24	5575	49.1	325.7	5558.23	51.41	-86.37	97.16	37.48	N 34.3 W	-25.74
25	5580	50.9	324.1	5561.45	54.54	-88.58	100.94	43.55	N 35.9 W	-25.12
26	5585	52.6	322.0	5564.54	57.68	-90.94	104.84	47.37	N 38.0 W	-24.61
27	5590	54.6	320.2	5567.51	60.81	-93.46	108.84	49.39	N 39.8 W	-24.23
28	5595	56.6	318.7	5570.34	63.95	-96.15	112.96	47.04	N 41.3 W	-23.95
29	5600	58.3	316.9	5573.03	67.07	-98.98	117.17	45.57	N 43.1 W	-23.79
30	5605	60.5	315.4	5575.57	70.17	-101.96	121.47	51.02	N 44.6 W	-23.75
31	5610	62.0	313.6	5577.98	73.24	-105.09	125.85	43.54	N 46.4 W	-23.84
32	5615	63.2	311.8	5580.28	76.25	-108.35	130.29	39.97	N 48.2 W	-24.06
33	5620	64.6	309.5	5582.48	79.18	-111.75	134.76	49.90	N 50.5 W	-24.45
34	5625	65.7	307.6	5584.58	82.00	-115.30	139.26	40.90	N 52.4 W	-25.01
35	5630	66.8	306.3	5586.59	84.75	-118.96	143.79	32.41	N 53.7 W	-25.69
36	5635	68.2	306.4	5588.51	87.49	-122.68	148.35	28.06	N 53.6 W	-26.44
37	5640	69.7	307.9	5590.30	90.31	-126.40	152.96	41.03	N 52.1 W	-27.12

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #4	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1775.30 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.32° West		TOTAL CORR.(-/+)	12.3
DATE: 12/21/97	TIME: 5:36 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
38	5645	71.3	309.7	5591.97	93.26	-130.07	157.64	46.64	N 50.3 W	-27.68
39	5650	73.2	311.5	5593.50	96.36	-133.69	162.38	51.18	N 48.5 W	-28.09
40	5655	74.9	313.0	5594.87	99.60	-137.25	167.18	44.59	N 47.0 W	-28.38
41	5660	76.4	314.8	5596.11	102.95	-140.74	172.03	46.00	N 45.2 W	-28.52
42	5665	77.6	316.2	5597.23	106.43	-144.15	176.90	36.34	N 43.8 W	-28.53
43	5670	78.9	318.2	5598.25	110.02	-147.48	181.79	47.01	N 41.8 W	-28.39
44	5675	80.2	320.0	5599.16	113.74	-150.69	186.70	43.92	N 40.0 W	-28.09
45	5680	82.0	319.3	5599.93	117.50	-153.89	191.62	38.57	N 40.7 W	-27.74
46	5690	84.4	315.1	5601.12	124.78	-160.64	201.55	48.11	N 44.9 W	-27.47
47	5700	86.6	312.7	5601.90	131.70	-167.82	211.51	32.50	N 47.3 W	-27.76
48	5710	87.7	312.9	5602.40	138.48	-175.15	221.49	11.18	N 47.1 W	-28.25
49	5720	88.2	313.0	5602.76	145.29	-182.46	231.47	5.10	N 47.0 W	-28.71
50	5730	88.0	313.4	5603.09	152.13	-189.75	241.46	4.47	N 46.6 W	-29.13
51	5740	86.8	314.2	5603.54	159.05	-196.96	251.44	14.42	N 45.8 W	-29.44
52	5750	85.2	315.1	5604.24	166.06	-204.06	261.41	18.35	N 44.9 W	-29.61
53	5760	85.0	315.6	5605.09	173.15	-211.06	271.38	5.37	N 44.4 W	-29.65
54	5770	85.5	316.0	5605.92	180.29	-218.01	281.34	6.39	N 44.0 W	-29.62
55	5780	85.6	315.6	5606.70	187.44	-224.96	291.31	4.11	N 44.4 W	-29.58
56	5790	84.9	315.4	5607.53	194.54	-231.94	301.28	7.28	N 44.6 W	-29.60
57	5800	83.9	315.1	5608.50	201.61	-238.95	311.23	10.44	N 44.9 W	-29.66
58	5810	83.4	315.4	5609.61	208.67	-245.94	321.17	5.82	N 44.6 W	-29.72
59	5820	84.1	315.5	5610.70	215.76	-252.92	331.11	7.07	N 44.5 W	-29.75
60	5830	85.1	315.5	5611.64	222.86	-259.90	341.06	10.00	N 44.5 W	-29.77
61	5840	86.8	315.7	5612.34	229.98	-266.87	351.04	17.12	N 44.3 W	-29.77
62	5850	88.2	315.9	5612.78	237.14	-273.84	361.03	14.14	N 44.1 W	-29.73
63	5860	89.3	316.0	5613.00	244.33	-280.79	371.03	11.05	N 44.0 W	-29.67
64	5870	90.4	315.7	5613.02	251.51	-287.76	381.03	11.40	N 44.3 W	-29.63
65	5880	90.9	315.9	5612.91	258.67	-294.73	391.02	5.39	N 44.1 W	-29.59
66	5890	91.1	315.9	5612.74	265.85	-301.69	401.02	2.00	N 44.1 W	-29.54
67	5900	91.7	316.3	5612.49	273.06	-308.62	411.02	7.21	N 43.7 W	-29.45
68	5910	92.3	316.7	5612.14	280.31	-315.50	421.01	7.21	N 43.3 W	-29.29
69	5920	92.4	317.4	5611.73	287.62	-322.30	431.00	7.07	N 42.6 W	-29.04
70	5930	92.5	318.3	5611.30	295.03	-329.01	440.98	9.05	N 41.7 W	-28.65
71	5940	92.2	318.5	5610.89	302.50	-335.64	450.96	3.60	N 41.5 W	-28.16
72	5950	91.3	318.9	5610.59	310.01	-342.24	460.94	9.85	N 41.1 W	-27.62
73	5960	90.5	318.4	5610.43	317.51	-348.84	470.93	9.43	N 41.6 W	-27.09
74	5970	90.5	318.6	5610.35	325.00	-355.47	480.92	2.00	N 41.4 W	-26.58

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #4	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1775.30 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.32° West		TOTAL CORR.(-/+)	12.3
DATE: 12/21/97	TIME: 5:36 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
75	5980	90.6	318.7	5610.25	332.51	-362.08	490.90	1.41	N 41.3 W	-26.05
76	5990	90.7	319.0	5610.14	340.04	-368.66	500.88	3.16	N 41.0 W	-25.48
77	6000	90.8	319.2	5610.00	347.60	-375.20	510.86	2.24	N 40.8 W	-24.87
78	6010	91.4	319.3	5609.81	355.17	-381.73	520.84	6.08	N 40.7 W	-24.24
79	6020	92.4	319.1	5609.48	362.74	-388.26	530.82	10.20	N 40.9 W	-23.61
80	6030	92.9	319.1	5609.02	370.29	-394.80	540.79	5.00	N 40.9 W	-23.00
81	6040	92.8	319.1	5608.52	377.84	-401.34	550.76	1.00	N 40.9 W	-22.39
82	6050	92.5	319.1	5608.06	385.39	-407.88	560.73	3.00	N 40.9 W	-21.78
83	6060	93.2	319.1	5607.56	392.94	-414.42	570.70	7.00	N 40.9 W	-21.17
84	6070	93.7	319.3	5606.96	400.49	-420.94	580.66	5.38	N 40.7 W	-20.54
85	6080	93.3	319.7	5606.35	408.08	-427.42	590.62	5.65	N 40.3 W	-19.87
86	6090	92.2	320.4	5605.87	415.74	-433.84	600.57	13.03	N 39.6 W	-19.09
87	6100	91.0	320.6	5605.59	423.45	-440.20	610.53	12.17	N 39.4 W	-18.24
88	6110	90.0	320.7	5605.50	431.18	-446.54	620.49	10.05	N 39.3 W	-17.36
89	6120	88.9	320.3	5605.60	438.90	-452.90	630.46	11.70	N 39.7 W	-16.50
90	6130	88.1	320.2	5605.86	446.59	-459.29	640.42	8.06	N 39.8 W	-15.69
91	6140	88.0	320.2	5606.20	454.26	-465.69	650.38	1.00	N 39.8 W	-14.89
92	6150	88.3	320.1	5606.52	461.94	-472.09	660.35	3.16	N 39.9 W	-14.10
93	6160	88.9	320.1	5606.77	469.61	-478.50	670.31	6.00	N 39.9 W	-13.31
94	6170	89.8	320.0	5606.88	477.27	-484.92	680.28	9.06	N 40.0 W	-12.54
95	6180	90.5	320.3	5606.86	484.95	-491.33	690.25	7.62	N 39.7 W	-11.74
96	6190	90.7	320.4	5606.75	492.65	-497.71	700.22	2.24	N 39.6 W	-10.92
97	6200	90.9	320.4	5606.61	500.35	-504.09	710.18	2.00	N 39.6 W	-10.08
98	6210	91.1	320.1	5606.44	508.04	-510.48	720.14	3.61	N 39.9 W	-9.27
99	6220	91.5	320.2	5606.21	515.72	-516.89	730.11	4.12	N 39.8 W	-8.48
100	6230	91.2	319.8	5605.97	523.37	-523.31	740.08	5.00	N 40.2 W	-7.71
101	6240	90.4	319.0	5605.84	530.97	-529.82	750.06	11.31	N 41.0 W	-7.05
102	6250	90.2	318.4	5605.78	538.48	-536.42	760.04	6.32	N 41.6 W	-6.51
103	6260	90.7	318.2	5605.70	545.94	-543.07	770.03	5.39	N 41.8 W	-6.03
104	6270	90.9	318.0	5605.56	553.39	-549.75	780.02	2.83	N 42.0 W	-5.60
105	6280	90.8	317.9	5605.42	560.81	-556.45	790.01	1.41	N 42.1 W	-5.19
106	6290	90.0	317.8	5605.35	568.22	-563.16	800.00	8.06	N 42.2 W	-4.80
107	6300	88.4	317.3	5605.49	575.60	-569.90	809.99	16.76	N 42.7 W	-4.46
108	6310	87.6	317.0	5605.84	582.93	-576.70	819.98	8.54	N 43.0 W	-4.19
109	6320	88.5	317.1	5606.18	590.24	-583.51	829.97	9.06	N 42.9 W	-3.93
110	6330	89.4	317.2	5606.36	597.57	-590.31	839.97	9.06	N 42.8 W	-3.66
111	6340	89.4	317.1	5606.46	604.91	-597.11	849.97	1.00	N 42.9 W	-3.39

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #4	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1775.30 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.32° West		TOTAL CORR.(-/+)	12.3
DATE: 12/21/97	TIME: 5:36 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
112	6350	88.9	316.9	5606.61	612.22	-603.93	859.96	5.39	N 43.1 W	-3.15
113	6360	88.8	316.6	5606.81	619.50	-610.78	869.96	3.16	N 43.4 W	-2.95
114	6370	89.0	316.7	5607.00	626.77	-617.64	879.95	2.24	N 43.3 W	-2.76
115	6380	89.3	316.8	5607.15	634.05	-624.50	889.95	3.16	N 43.2 W	-2.56
116	6390	89.7	316.7	5607.24	641.34	-631.35	899.95	4.12	N 43.3 W	-2.36
117	6400	90.1	316.3	5607.26	648.59	-638.23	909.95	5.66	N 43.7 W	-2.21
118	6410	90.4	316.3	5607.21	655.82	-645.14	919.95	3.00	N 43.7 W	-2.08
119	6420	89.5	316.2	5607.22	663.04	-652.05	929.95	9.06	N 43.8 W	-1.97
120	6430	88.2	315.7	5607.42	670.23	-659.01	939.94	13.93	N 44.3 W	-1.91
121	6440	87.3	315.2	5607.82	677.35	-666.02	949.93	10.29	N 44.8 W	-1.93
122	6450	87.4	315.0	5608.28	684.43	-673.07	959.92	2.23	N 45.0 W	-2.02
123	6460	88.8	315.2	5608.61	691.51	-680.12	969.92	14.14	N 44.8 W	-2.11
124	6470	89.8	315.3	5608.73	698.61	-687.16	979.92	10.05	N 44.7 W	-2.17
125	6480	90.0	315.8	5608.75	705.75	-694.16	989.92	5.39	N 44.2 W	-2.18
126	6490	89.6	315.6	5608.78	712.90	-701.15	999.92	4.47	N 44.4 W	-2.16
127	6500	90.3	316.1	5608.79	720.08	-708.11	1009.92	8.60	N 43.9 W	-2.12
128	6510	90.7	316.6	5608.71	727.31	-715.01	1019.91	6.40	N 43.4 W	-1.99
129	6520	90.2	317.4	5608.63	734.63	-721.83	1029.91	9.43	N 42.6 W	-1.74
130	6530	90.2	317.8	5608.59	742.01	-728.58	1039.91	4.00	N 42.2 W	-1.39
131	6540	90.3	317.9	5608.55	749.42	-735.29	1049.90	1.41	N 42.1 W	-1.00
132	6550	90.2	317.6	5608.50	756.83	-742.01	1059.89	3.16	N 42.4 W	-0.63
133	6560	90.0	316.7	5608.49	764.16	-748.81	1069.89	9.22	N 43.3 W	-0.36
134	6570	90.1	316.5	5608.48	771.42	-755.68	1079.89	2.24	N 43.5 W	-0.18
135	6580	89.2	316.2	5608.54	778.66	-762.59	1089.88	9.49	N 43.8 W	-0.05
136	6590	88.4	316.3	5608.75	785.88	-769.50	1099.88	8.06	N 43.7 W	0.06
137	6600	87.7	316.1	5609.09	793.09	-776.42	1109.87	7.28	N 43.9 W	0.17
138	6610	87.2	315.9	5609.53	800.28	-783.36	1119.86	5.38	N 44.1 W	0.24
139	6620	86.5	315.9	5610.08	807.45	-790.30	1129.85	7.00	N 44.1 W	0.29
140	6630	86.2	315.9	5610.72	814.62	-797.25	1139.83	3.00	N 44.1 W	0.34
141	6640	86.2	315.8	5611.38	821.78	-804.20	1149.81	1.00	N 44.2 W	0.39
142	6650	85.7	315.7	5612.09	828.92	-811.16	1159.78	5.10	N 44.3 W	0.41
143	6660	85.8	315.4	5612.83	836.04	-818.14	1169.75	3.15	N 44.6 W	0.40
144	6670	86.6	315.3	5613.49	843.14	-825.16	1179.73	8.06	N 44.7 W	0.36
145	6680	87.7	315.4	5613.99	850.25	-832.18	1189.72	11.05	N 44.6 W	0.32
146	6690	88.3	315.3	5614.34	857.35	-839.20	1199.71	6.08	N 44.7 W	0.27
147	6700	88.7	315.2	5614.60	864.45	-846.24	1209.71	4.12	N 44.8 W	0.21
148	6710	89.1	315.4	5614.79	871.56	-853.27	1219.71	4.47	N 44.6 W	0.16

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.		PHOENIX COORDINATORS
WELL:	Aneth Unit F #225 Leg #4		Lou Holder
LOCATION:	San Juan County, Utah		David Sparks
JOB NUMBER:	173230		Lonnie Lee
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1775.30 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.32° West		TOTAL CORR.(-/+)	12.3
DATE: 12/21/97	TIME: 5:36 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
149	6720	89.7	315.4	5614.90	878.68	-860.29	1229.71	6.00	N 44.6 W	0.12
150	6730	90.9	315.4	5614.85	885.80	-867.31	1239.71	12.00	N 44.6 W	0.09
151	6740	92.5	315.9	5614.55	892.95	-874.30	1249.70	16.76	N 44.1 W	0.10
152	6750	92.7	316.2	5614.10	900.14	-881.23	1259.69	3.60	N 43.8 W	0.18
153	6760	91.6	316.0	5613.72	907.34	-888.16	1269.68	11.18	N 44.0 W	0.26
154	6770	91.3	315.9	5613.47	914.53	-895.11	1279.68	3.16	N 44.1 W	0.32
155	6780	91.3	316.0	5613.24	921.71	-902.06	1289.68	1.00	N 44.0 W	0.38
156	6790	91.8	316.1	5612.97	928.91	-909.00	1299.67	5.10	N 43.9 W	0.46
157	6800	92.8	316.4	5612.57	936.13	-915.91	1309.66	10.44	N 43.6 W	0.58
158	6810	93.7	316.1	5612.00	943.34	-922.81	1319.65	9.49	N 43.9 W	0.69
159	6820	94.4	316.3	5611.30	950.54	-929.72	1329.62	7.28	N 43.7 W	0.79
160	6830	93.9	316.4	5610.57	957.75	-936.60	1339.59	5.10	N 43.6 W	0.92
161	6840	92.9	316.6	5609.98	964.99	-943.47	1349.58	10.20	N 43.4 W	1.08
162	6850	92.4	316.7	5609.52	972.26	-950.33	1359.56	5.10	N 43.3 W	1.26
163	6860	92.1	316.9	5609.12	979.54	-957.17	1369.55	3.60	N 43.1 W	1.47
164	6870	91.9	316.9	5608.77	986.84	-964.00	1379.54	2.00	N 43.1 W	1.70
165	6880	91.9	317.1	5608.44	994.15	-970.82	1389.54	2.00	N 42.9 W	1.94
166	6890	91.3	317.2	5608.16	1001.48	-977.61	1399.53	6.08	N 42.8 W	2.22
167	6900	91.0	317.1	5607.96	1008.81	-984.41	1409.52	3.16	N 42.9 W	2.49
168	6910	91.5	317.5	5607.75	1016.15	-991.19	1419.52	6.40	N 42.5 W	2.78
169	6920	91.1	317.6	5607.52	1023.53	-997.94	1429.51	4.12	N 42.4 W	3.12
170	6930	89.5	317.5	5607.47	1030.91	-1004.69	1439.50	16.03	N 42.5 W	3.46
171	6940	88.8	317.2	5607.61	1038.26	-1011.46	1449.50	7.62	N 42.8 W	3.77
172	6950	88.4	317.2	5607.86	1045.60	-1018.26	1459.49	4.00	N 42.8 W	4.05
173	6960	88.3	317.6	5608.15	1052.96	-1025.02	1469.48	4.12	N 42.4 W	4.36
174	6970	88.4	317.8	5608.43	1060.35	-1031.75	1479.47	2.24	N 42.2 W	4.73
175	6980	88.5	317.7	5608.70	1067.75	-1038.47	1489.46	1.41	N 42.3 W	5.10
176	6990	88.4	317.5	5608.98	1075.13	-1045.21	1499.45	2.24	N 42.5 W	5.45
177	7000	87.8	317.2	5609.31	1082.48	-1051.98	1509.44	6.71	N 42.8 W	5.76
178	7010	87.1	316.6	5609.75	1089.78	-1058.81	1519.43	9.22	N 43.4 W	5.98
179	7020	87.3	315.8	5610.24	1096.99	-1065.72	1529.41	8.24	N 44.2 W	6.09
180	7030	87.2	315.5	5610.72	1104.13	-1072.70	1539.40	3.16	N 44.5 W	6.10
181	7040	87.3	315.3	5611.20	1111.24	-1079.72	1549.39	2.23	N 44.7 W	6.06
182	7050	88.1	315.1	5611.60	1118.33	-1086.76	1559.38	8.25	N 44.9 W	5.99
183	7060	88.9	315.3	5611.86	1125.42	-1093.80	1569.38	8.25	N 44.7 W	5.92
184	7070	89.5	315.6	5612.00	1132.55	-1100.82	1579.38	6.71	N 44.4 W	5.90
185	7080	89.8	315.9	5612.06	1139.71	-1107.79	1589.38	4.24	N 44.1 W	5.92

PHOENIX DRILLING SERVICES, INC.

SURVEY CALCULATION PROGRAM

OPERATOR:	TEXACO E & P, INC.	PHOENIX COORDINATORS	
WELL:	Aneth Unit F #225 Leg #4	Lou Holder	
LOCATION:	San Juan County, Utah	David Sparks	
JOB NUMBER:	173230	Lonnie Lee	
COMMENTS:			
Tie in to Scientific Finder Gyro Survey @ 5400'.		MAG DEC.(-/+)	12.3
Horizontal Displacement: 1775.30 Feet		GRID CORR.(-/+)	0.0
Displacement Bearing: North 44.32° West		TOTAL CORR.(-/+)	12.3
DATE: 12/21/97	TIME: 5:36 AM	TRUE TO GRID	

MINIMUM CURVATURE CALCULATIONS(SPE-3362) PROPOSED DIRECTION 315.6

SUR #	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TARGET TRACKING TO CENTER QUADRANT DIRECTION	RIGHT(+) LEFT(-)
186	7090	90.1	315.6	5612.07	1146.88	-1114.77	1599.38	4.24	N 44.4 W	5.95
187	7100	90.3	315.8	5612.04	1154.03	-1121.76	1609.38	2.83	N 44.2 W	5.97
188	7110	89.8	315.4	5612.03	1161.18	-1128.75	1619.38	6.40	N 44.6 W	5.96
189	7120	88.5	314.7	5612.18	1168.25	-1135.82	1629.37	14.76	N 45.3 W	5.87
190	7130	87.9	314.2	5612.49	1175.25	-1142.95	1639.37	7.81	N 45.8 W	5.67
191	7140	88.2	314.1	5612.83	1182.21	-1150.12	1649.36	3.16	N 45.9 W	5.42
192	7150	88.2	314.1	5613.15	1189.17	-1157.30	1659.35	0.00	N 45.9 W	5.15
193	7160	88.3	313.9	5613.45	1196.11	-1164.49	1669.34	2.24	N 46.1 W	4.87
194	7170	88.8	314.2	5613.70	1203.06	-1171.68	1679.33	5.83	N 45.8 W	4.60
195	7180	89.1	314.0	5613.89	1210.02	-1178.86	1689.33	3.61	N 46.0 W	4.34
196	7190	89.3	314.0	5614.03	1216.97	-1186.05	1699.32	2.00	N 46.0 W	4.06
197	7200	89.7	314.0	5614.11	1223.91	-1193.24	1709.32	4.00	N 46.0 W	3.78
198	7210	89.5	314.3	5614.18	1230.88	-1200.42	1719.32	3.61	N 45.7 W	3.53
199	7220	89.0	314.3	5614.31	1237.86	-1207.57	1729.31	5.00	N 45.7 W	3.30
200	7230	88.9	314.3	5614.50	1244.85	-1214.73	1739.31	1.00	N 45.7 W	3.08
201	7240	89.1	314.4	5614.67	1251.83	-1221.88	1749.31	2.24	N 45.6 W	2.86
202	7250	89.3	314.5	5614.81	1258.84	-1229.02	1759.30	2.24	N 45.5 W	2.66
203	7260	89.5	314.6	5614.92	1265.85	-1236.14	1769.30	2.24	N 45.4 W	2.48
204	7266	89.6	314.7	5614.96	1270.07	-1240.41	1775.30	2.24	N 45.3 W	2.37

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
FEB 23 1998
DIV. OF OIL, GAS & MINING

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.: I-149-IND-8838

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 INJECTION WELL

8. Well Name and Number: ANETH UNIT F225

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

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

9. API Well No.: 4303716080

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

Unit Letter F : 2040 Feet From The NORTH Line and 2080 Feet From The WEST Line Section 25 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: WORKOVER & 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 CALCULATION INFORMATION PURPOSES ONLY *****

TEXACO E&P INC. HAS COMPELTED SIDETRACKING AND DRILLING QUAD LATERAL HORIZONTAL SECTIONS IN THE DESERT CREEK FORMATION OF THE SUBJECT WELL AND IS CONVERTING THE WELL TO INJECTION.

11/19/97 MIRUSU
11/21 - 12/22/97 DRILLED LEGS 1,2,3&4, MILLED WINDOW FOR LEG #1 5518-5527', LEG #2 5499-5509', LEG #3 5472-5481', LEG #4 5450-5460'

BOTTOM HOLE LOCATIONS AS FOLLOWS:

L. SOUTHEAST LATERAL #1: 3194'FNL & 3526'FWL, SEC. 25-40S-24E (MD 7502') (TVD 5627')
U. SOUTHEAST LATERAL #3: 3195'FNL & 3526'FWL, SEC. 25-40S-24E (MD 7450') (TVD 5605')
L. NORTHWEST LATERAL #2: 781' FNL & 849' FWL, SEC. 25-40S-24E (MD 7306') (TVD 5666')
U. NORTHWEST LATERAL #4: 770' FNL & 840' FWL, SEC. 25-40S-24E (MD 7266') (TVD 5615')

12/29 -1/14/98 RU & ACIDIZE - LEG #1 W/ 6400 GALS 20% HCL & 25680 GALS 20% SXE, LEG #2 W/ 5685 GALS 20% HCL & 22740 GALS 20% SXE, LEG #3 W/6400 GALS 20% HCL & 25650 GALS 20% SXE, LEG #4 6470 GALS 20% HCL & 25860 GALS 20% SXE
1/15/98 RIH W/ 2 7/8 DUOLINE TBG & PKR, CIRCULATED CHEMICAL, SET PKR @ 5387', TESTED TO 1000 PSI, HELD OK, INSTALLED WELLHEAD, SHUT WELL IN, RDMO, WAITING ON INSTALLATION OF INJECTIOIN LINE AND APPROVAL TO INJECT

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 2/19/98

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: ____ TITLE ____ DATE ____

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

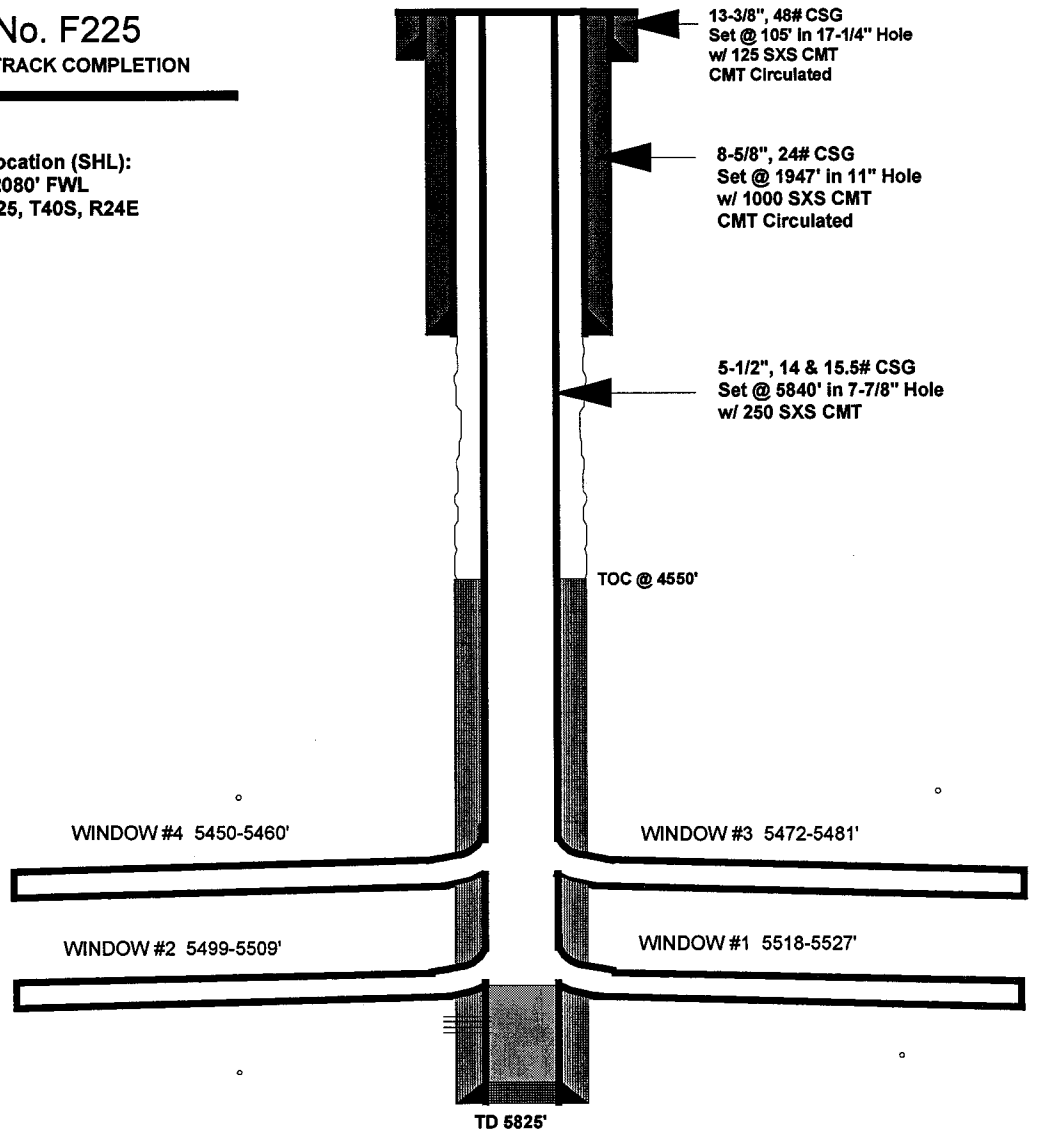
WO tax credit 8/98

1/21/98

ANETH UNIT No. F225

ACTUAL DUAL STACKED SIDETRACK COMPLETION

Surface Hole Location (SHL):
2040' FNL & 2080' FWL
SE/NW, Sec. 25, T40S, R24E



UPPER NORTHWEST LATERAL #4
1775' Horizontal Section
BHL: 770' FNL & 840' FWL of Sec. 25

LOWER NORTHWEST LATERAL #2
1761' Horizontal Section
BHL: 781' FNL & 849' FWL of Sec. 25

UPPER SOUTHEAST LATERAL #3
1850' Horizontal Section
BHL: 3195' FNL & 3526' FWL of Sec. 25

LOWER SOUTHEAST LATERAL #1
1850' Horizontal Section
BHL: 3194' FNL & 3526' FWL of Sec. 25

Texaco Exploration and Production Inc.
Denver Region

3300 North Butler
Farmington, NM 87401
505 325-4397

RECEIVED
JAN 29 1999
DIV. OF OIL, GAS & MINING

January 26, 1999

Lisa Cordova
State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

RE: **Injection Permit** 43-037-16080
Aneth Unit Well No. F225
San Juan County, Utah

Please find enclosed a copy of the application and approval to convert the subject well from a producer to a water injection well.

Billy Bowen

Billy Bowen
(505) 325-4397 Ext. 14

Attachments:

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, CA 94105-3901

RECEIVED
JAN 29 1999
DIV. OF OIL, GAS & MINING

APR 04 1998

FARMINGTON AREA
ARD | JMY
RH 4/7 | LJB
LNS | RDW
JR | BRH
APR - 7 1998
MRR | BCB
BAB | JLS
BAC | TLD
RFS | FILE
RSD | RETURN TO

REPLY TO: WTR-9

Certified Mail P 659 218 869

Rached Hindi
Senior Engineer
Texaco Exploration and Production, Inc.
3300 North Butler, Suite 100
Farmington, New Mexico 87401

Re: Emergency Permit - Permit No.
Well No. F225, Aneth Unit, Navajo Nation

Dear Mr. Hindi,

Regulations at 40 C.F.R.§144.34 provide for issuance of emergency permits. Texaco Exploration and Production, Inc. has requested an emergency permit to avoid a substantial delay in oil and gas production.

In accordance with the provisions of those regulations, an emergency permit is issued to Texaco Exploration and Production, Inc. for injection into Well No. F225, located at 2040 ft. FNL, 2080 ft. FWL, Section 25, Township 40S, Range 24E in the Navajo Nation.

As permittee, you are authorized to inject for enhanced oil recovery under the following conditions:

1. Mechanical integrity of the well must be demonstrated, to the satisfaction of the EPA, prior to injection. Contact the Navajo Nation GPC office at (505) 368-1040 for scheduling.

2. The permittee is authorized to inject into the Desert Creek formation at injection intervals of 5518-5627 ft. TVD for Leg #1, 5499-5605 ft. TVD for Leg #2, 5472-5666 ft. TVD for Leg #3, and 5450-5615 ft. TVD for Leg #4 below land surface.

3. Injection shall not result in the movement of fluid into an Underground Source of Drinking Water (USDW). The operating water injection pressure at the wellhead shall not exceed 2700 psig.

Printed on Recycled Paper

4. During the emergency authorization period, the owner/operator shall comply with all applicable UIC regulations at 40 C.F.R. §144; 146; and 147, Subpart HHH.

A complete permit application has been submitted. Emergency authorization to inject shall remain in effect until the EPA issues a final decision on the permit application. Failure to abide with the above requirements is a violation of the Safe Drinking Water Act and may result in enforcement action.

If you have any questions, or would like to discuss this emergency permit, please contact George Robin at (415) 744-1819 or Jim Walker at (415) 744-1833.

Sincerely yours,

Alexis Strauss

Alexis Strauss, Acting Director
Water Division

cc: Lydelle Davies, Director
Navajo Nation Environmental Protection Agency

Lee Otteni, District Manager
U.S. Department of Interior, Bureau of Land Management

Charmaine Tso, Environmental Specialist III
Navajo Nation EPA, GPC Program

Jerry Thomas, Natural Resources Manager
Bureau of Indian Affairs, Shiprock Agency

Genni Denetsone, Supervisor Realty Specialist
Bureau of Indian Affairs, Navajo Area Office

Rached Hindi
Senior Engineer
Texaco Exploration
and Production Inc.
Farmington Operating Unit

3300 North Butler, Suite 100
Farmington, NM 87401
505 325 4397

RECEIVED
JAN 29 1999
DIV. OF OIL, GAS & MINING

March 10, 1998

Mr. George Robin
U. S. Environmental Protection Agency
UIC Implementation Section
W-6-2
75 Hawthorne St.
San Francisco, CA 94105

Subject: **Aneth Unit Injection Well No. F225**

Dear Mr. Robin,

Texaco Exploration and Production Inc. requests an emergency permit to inject produced water into Aneth Unit No. F225 as per 40 CFR 144.34 (3) (attached). The temporary permit is requested to allow injection until the permanent permit, which has been initiated, is completed.

F225 is situated in the Texaco operated Aneth Unit which contains 144 other active injection wells as shown on the attached plat. No. F225 was drilled as a vertical producing well in 1958. The well was recompleted horizontally in November, 1997 and converted to an injection well (see attached wellbore diagram and Bureau of Land Management Form 3160-5).

An emergency permit is requested to avoid a delay in the production of oil. Well No. F225 is forecast to inject 450 BWIPD based on the Unit's average injection volume per well. The Unit's Oil Production/Injection Withdrawal Ratio (PIR) is .062. Given the 450 BWIPD and .062 PIR, F225 is slated to affect an incremental production of 28 BOPD. This production will be substantially delayed unless a temporary emergency permit is granted.

There will be no movement of fluids into an underground source of drinking water as a result of injecting into the well. The attached mechanical integrity test (MIT) shows the casing to be mechanically sound. Also, the wellbore is equipped with 2 7/8" Duo-lined tubing with a packer at 5387' which is above the production interval. The mechanically sound casing, tubing and packer will prevent any produced fluids from entering sources of underground drinking water.

Given the substantial delay in production and given that there will be no movement of fluids into underground sources of drinking water, approval for a temporary emergency permit is requested.

Rached Hindi
Farmington OU
Senior Engineer

attachments

fied in permit under paragraph (b) of this section; and

(3) The cumulative effects of drilling and operation of additional injection wells are considered by the Director during evaluation of the area permit application and are acceptable to the Director.

(d) If the Director determines that any well constructed pursuant to paragraph (c) of this section does not satisfy any of the requirements of paragraphs (c) (1) and (2) of this section the Director may modify the permit under § 144.39, terminate under § 144.40, or take enforcement action. If the Director determines that cumulative effects are unacceptable, the permit may be modified under § 144.39.

§ 144.34 Emergency permits.

(a) *Coverage.* Notwithstanding any other provision of this part or Part 124, the Director may temporarily permit a specific underground injection if:

(1) An imminent and substantial endangerment to the health of persons will result unless a temporary emergency permit is granted; or

(2) A substantial and irretrievable loss of oil or gas resources will occur unless a temporary emergency permit is granted to a Class II well; and

(i) Timely application for a permit could not practicably have been made; and

(ii) The injection will not result in the movement of fluids into underground sources of drinking water; or

(3) A substantial delay in production of oil or gas resources will occur unless a temporary emergency permit is granted to a new Class II well and the temporary authorization will not result in the movement of fluids into an underground source of drinking water.

(b) *Requirements for issuance.* (1) Any temporary permit under paragraph (a)(1) of this section shall be for no longer term than required to prevent the hazard.

(2) Any temporary permit under paragraph (a)(2) of this section shall be for no longer than 90 days, except that if a permit application has been submitted prior to the expiration of t 90-day period, the Director ma extend the temporary permit unti final action on the application.

(3) Any temporary permit unde paragraph (a)(3) of this section shal be issued only after a complete permi application has been submitted an shall be effective until final action o the application.

(4) Notice of any temporary permi under this paragraph shall be pub lished in accordance with § 124.1 within 10 days of the issuance of th permit.

(5) The temporary permit under thi section may be either oral or writte If oral, it must be followed within calendar days by a written temporar emergency permit.

(6) The Director shall condition th temporary permit in any manner he o she determines is necessary to ensur that the injection will not result in th movement of fluids into an under ground source of drinking water.

[48 FR 14189, Apr. 1, 1983, as amended at 4 FR 20185, May 11, 1984]

§ 144.35 Effect of a permit.

(a) Except for Class II and III well compliance with a permit during it term constitutes compliance, for pur poses of enforcement, with Part C o the SDWA. However, a permit may b modified, revoked and reissued, or te minated during its term for cause a set forth in §§ 144.39 and 144.40.

(b) The issuance of a permit doe not convey any property rights of an sort, or any exclusive privilege.

(c) The issuance of a permit does n authorize any injury to persons o property or invasion of other priva rights, or any infringement of State o local law or regulations.

§ 144.36 Duration of permits.

(a) Permits for Class I and Class wells shall be effective for a fixe term not to exceed 10 years. UIC pe mits for Class II and III wells shall b issued for a period up to the operatin life of the facility. The Director sha review each issued Class II or III we UIC permit at least once every 5 yea to determine whether it should b modified, revoked and reissued, term nated, or a minor modification ma

1/21/98

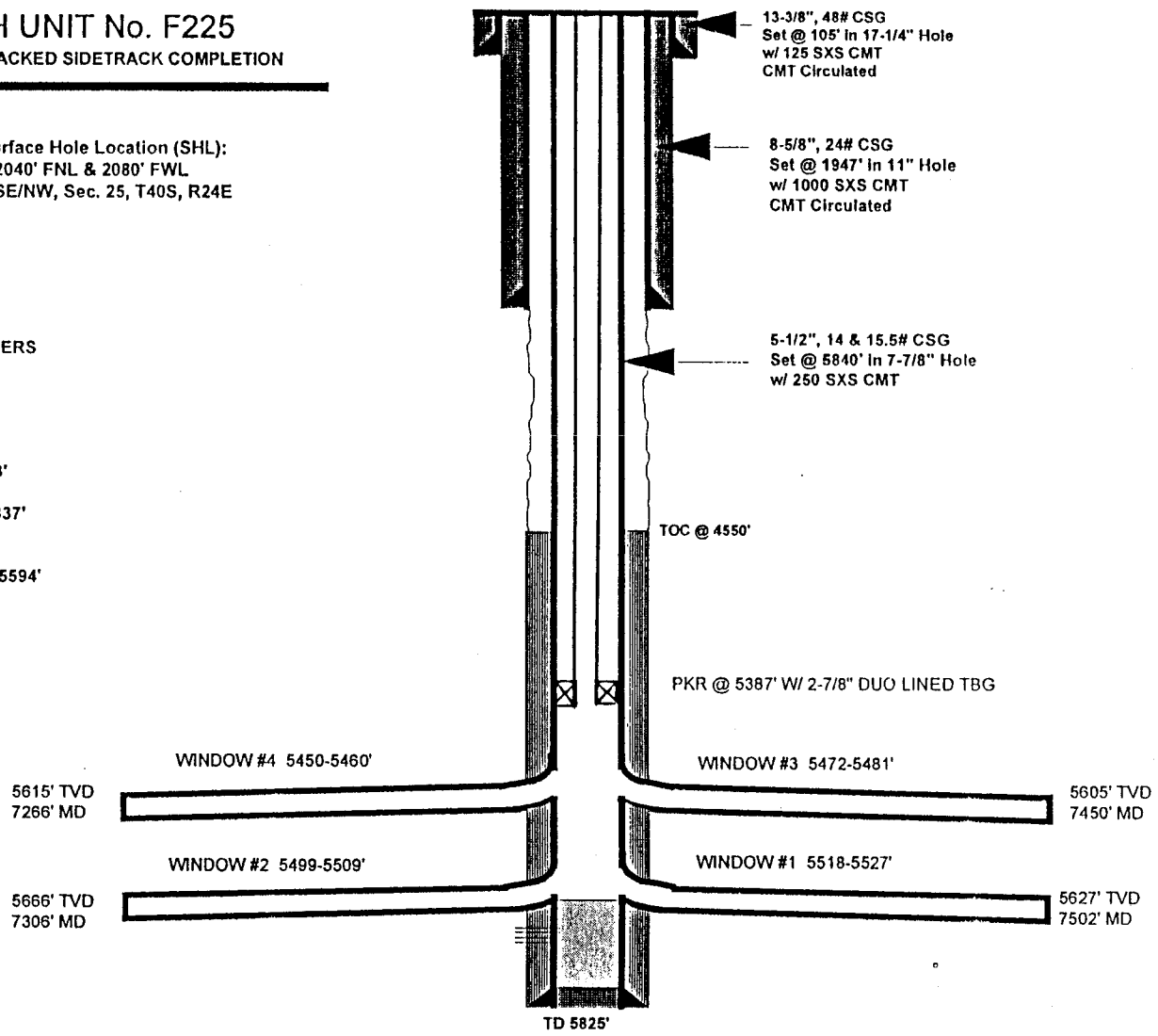
ANETH UNIT No. F225

ACTUAL DUAL STACKED SIDETRACK COMPLETION

Surface Hole Location (SHL):
2040' FNL & 2080' FWL
SE/NW, Sec. 25, T40S, R24E

GELOLGIC MARKERS

NAVAJO 839'
KAYENTA 1193'
WINGATE 1229'
CHINLE 1560'
HOSKINNINI 2533'
DECHELLY 2712'
ORGAN ROCK 2837'
HERMOSA 4632'
ISMAY 5439'
DESERT CREEK 5594'
PARADOX 5788'



UPPER NORTHWEST LATERAL #4
1775' Horizontal Section
BHL: 770' FNL & 840' FWL of Sec. 25

UPPER SOUTHEAST LATERAL #3
1850' Horizontal Section
BHL: 3195' FNL & 3526' FWL of Sec. 25

LOWER NORTHWEST LATERAL #2
1761' Horizontal Section
BHL: 781' FNL & 849' FWL of Sec. 25

LOWER SOUTHEAST LATERAL #1
1850' Horizontal Section
BHL: 3194' FNL & 3526' FWL of Sec. 25

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. I-149-IND-8838
6. If Indian, Allottee or Tribe Name NAVAJO TRIBE
7. If Unit or CA, Agreement Designation ANETH UNIT
8. Well Name and Number ANETH UNIT F225
9. API Well No. 4303716080
10. Field and Pool, Exploratory Area DESERT CREEK
11. County or Parish, State SAN JUAN, UTAH

1. Type of Well: ☐ OIL WELL ☐ GAS WELL ☑ OTHER INJECTION WELL
2. Name of Operator TEXACO EXPLORATION & PRODUCTION, INC.
3. Address and Telephone No. 3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter F : 2040 Feet From The NORTH Line and 2080 Feet From The WEST Line Section 25 Township T40S Range R24E

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
	☐ Altering Casing	☐ Conversion to Injection
	☑ OTHER: SIDE TRACK	☐ Dispose Water

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

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

TEXACO E&P INC. HAS COMPELTED SIDETRACKING AND DRILLING QUAD LATERAL HORIZONTAL SECTIONS IN THE DESERT CREEK FORMATION OF THE SUBJECT WELL AND IS CONVERTING THE WELL TO INJECTION.

11/19/97 MIRUSU
11/21 - 12/22/97 DRILLED LEGS 1,2,3&4, MILLED WINDOW FOR LEG #1 5518-5527', LEG #2 5499-5509', LEG #3 5472-5481', LEG #4 5450-5460'

BOTTOM HOLE LOCATIONS AS FOLLOWS:

L. SOUTHEAST LATERAL #1: 3194'FNL & 3526'FWL, SEC. 25-40S-24E (MD 7502') (TVD 5627')
U. SOUTHEAST LATERAL #3: 3195'FNL & 3526'FWL, SEC. 25-40S-24E (MD 7450') (TVD 5605')
L. NORTHWEST LATERAL #2: 781' FNL & 849' FWL, SEC. 25-40S-24E (MD 7306') (TVD 5666')
U. NORTHWEST LATERAL #4: 770' FNL & 840' FWL, SEC. 25-40S-24E (MD 7266') (TVD 5615')

12/29 -1/14/98 RU & ACIDIZE - LEG #1 W/ 6400 GALS 20% HCL & 25680 GALS 20% SXE, LEG #2 W/ 5685 GALS 20% HCL & 22740 GALS 20% SXE, LEG #3 W/6400 GALS 20% HCL & 25650 GALS 20% SXE, LEG #4 6470 GALS 20% HCL & 25860 GALS 20% SXE
1/15/98 RIH W/ 2 7/8 DUOLINE TBG & PKR, CIRCULATED CHEMICAL, SET PKR @ 5387', TESTED TO 1000 PSI, HELD OK, INSTALLED WELLHEAD, SHUT WELL IN, RDMO, WAITING ON INSTALLATION OF INJECTIOIN LINE AND APPROVAL TO INJECT

ENTERED
AFMSS
FEB 09 1998

14. I hereby certify that the foregoing is true and correct
SIGNATURE Rached Hindi BY TITLE Senior Engineer DATE 1/21/98
TYPE OR PRINT NAME Rached Hindi

ACCEPTED FOR RECORD
FEB 09 1998
FARMINGTON DISTRICT OFFICE

(This space for Federal or State office use)
APPROVED
CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

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

FARMINGTON COPY

(October 1990)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Expires: December 31, 1991

SUBMIT ORIGINAL WITH 5 COPIES

Lease Designation and Serial No.
I-149-IND-8838

RECEIVED
BLM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

98 JAN 23 PM 1:07
070 FARMINGTON, NM

8. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

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

1b. Type of Completion: NEW WELL ☐ WORK OVER ☑ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. If Unit or CA, Agreement Designation
ANETH UNIT

8. Well Name and Number
ANETH UNIT
F225

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

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

9. API Well No.
4303716080

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At Surface
Unit Letter F : 2040 Feet From The NORTH Line and 2080 Feet From The WEST Line
At proposed prod. zone
0151

10. Field and Pool, Exploratory Area
DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area
Sec. 25, Township T40S, Range R24E

At Total Depth

14. Permit No. | Date Issued

12. County or Parish: SAN JUAN

13. State: UTAH

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (Show whether DF,RT, GR, etc.)	19. Elev. Casinhead
1/8/58	2/1/58	1/15/98	4825 DF	

20. Total Depth, MD & TVD	21. Plug Back T.D., MD & TVD	22. If Multiple Compl., How Many*	23. Intervals Drilled By → Rotary Tools	CableTools
5852	5810			

24. Producing Interval(s), Of This Completion – Top, Bottom, Name (MD and TVD)*
HORIZONTAL LATERALS (SEE SUB. SUNDRY)

25. Was Directional Survey Made
YES

26. Type Electric and Other Logs Run

27. Was Well Cored
NO

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

CASING SIZE & GRADE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
13 3/8	48	105	17 1/4"	125 SX	
8 5/8	24	1497	11"	1000 SX	
5 1/2	14 & 15.5	5840	7 7/8	250 sx	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET

31. Perforation record (interval, size, and number)
4 Horiz. Laterals (see Sub. Sundry; ready to go on injection 1/15/98)

ENTERED
AFMSS
FEB 09 1998

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4 Laterals	see Sub Sundry

33. PRODUCTION

BY MT

Date First Production	Production Method (Flowing, gas lift, pumping - size and type pump)					Well Status (Prod. or Shut-in) Shut - in
Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

ACCEPTED FOR RECORD
FEB 09 1998
FARMINGTON DISTRICT OFFICE
MT

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

Test Witnessed By

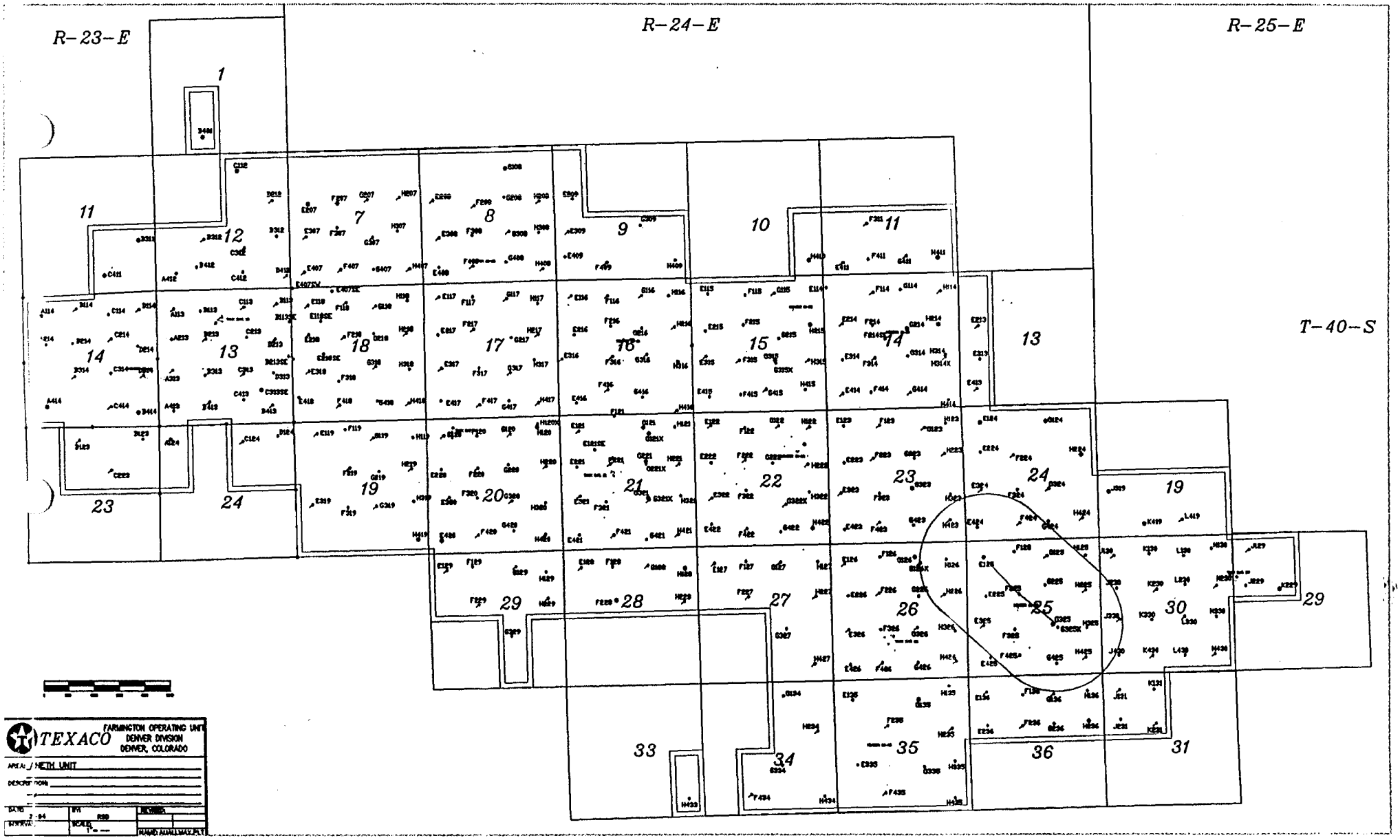
35. List of Attachments

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 1-21-98

TYPE OR PRINT NAME Rached Hindi

FARMINGTON COPY


R-23-E
R-24-E
R-25-E
T-40-S
TEXACO
FARMINGTON OPERATING UNIT
DENVER DIVISION
DENVER, COLORADO
AREA: NETH UNIT
DESCRIPTION:
DATE
BY
REVISED
SCALE
NAME: AMALL MAX.PLT

ANNULAR PRESSURE TEST

OPERATOR Texaco E&P Inc., 3300 N. Butler, Farmington, New Mexico 87401

LEASE NAME Aneth Unit Sub-Area DATE OF TEST March 4, 1998

WELL NAME F225 TYPE Injection

LOCATION SE QUARTER OF THE NW QUARTER OF THE _____ QUARTER

SECTION 25 TOWNSHIP 40S RANGE 24E LEGAL _____

LEASE NUMBER _____ COUNTY NAME San Juan County, Utah

COMPANY REPRESENTATIVE Clisbee Black, TEPI FIELD INSPECTOR _____

TYPE PRESSURE GUAGE _____ INCH FACE, _____ FULL SCALE, _____ PSI INCREMENTS

NEW GUAGE: YES ☐ NO ☐ IF NO, DATE OF TEST CALIBRATION _____

PRESSURE RECORDER TYPE ITT Barton, MAX PRESSURE 1500, CLOCK Batt. Oper.

CALIBRATION DATE 2/5/98

RESULTS

TIME	PRESSURE (PSIG) ANNULUS	TUBING
11:08	0	325
put 1000# + on Csg. and		
ran a 30 minute chart		
11:08	1030	325
11:18	1025	325
11:28	1020	325
11:38	1020	325

CASING _____

TUBING _____

BRADENHEAD _____

FLUID RETURN _____

COMMENTS:

TEST PRESSURE:

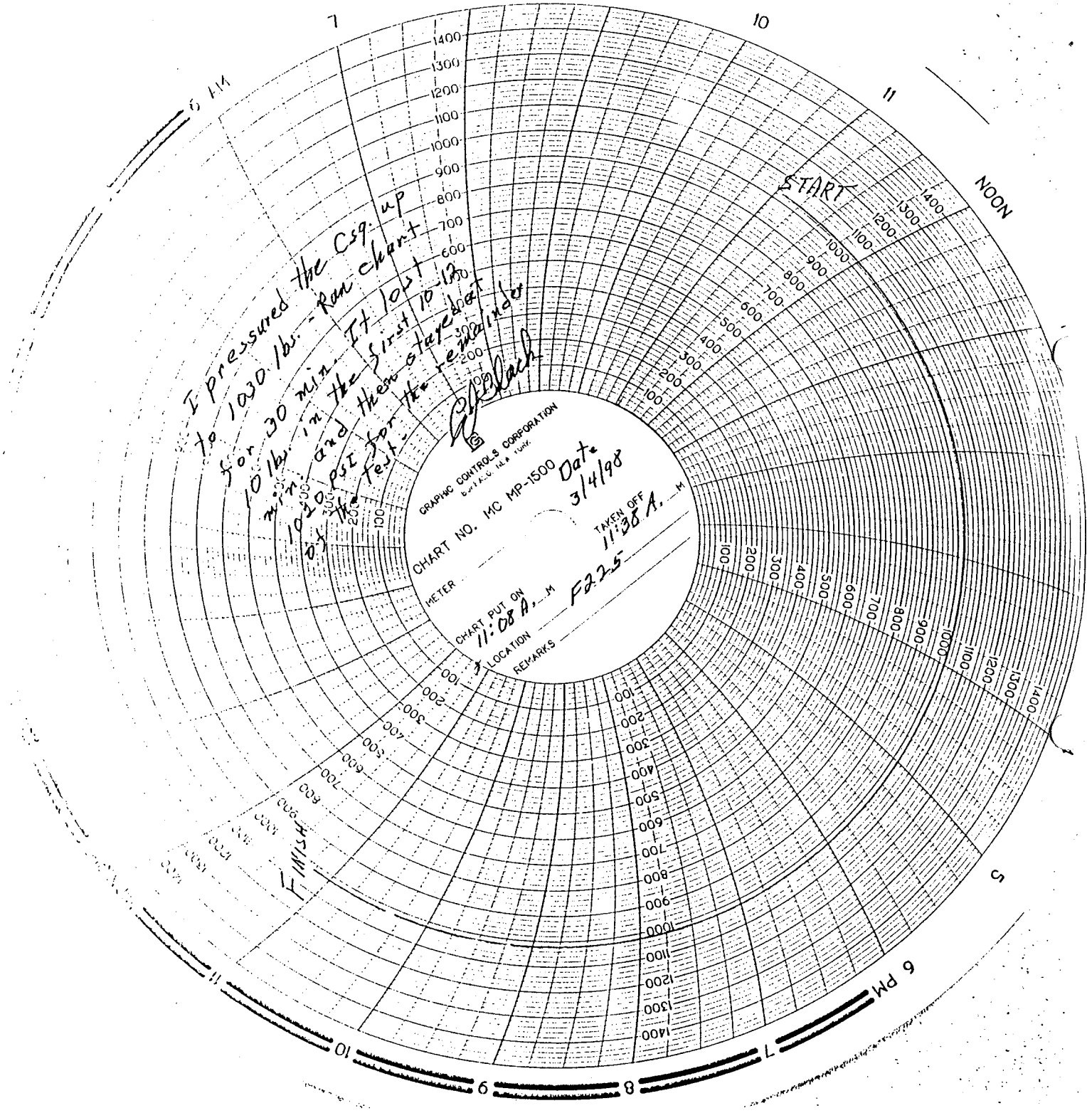
MAX. ALLOWABLE PRESSURE CHANGE: TEST PRESSURE X .05 51.5 PSI

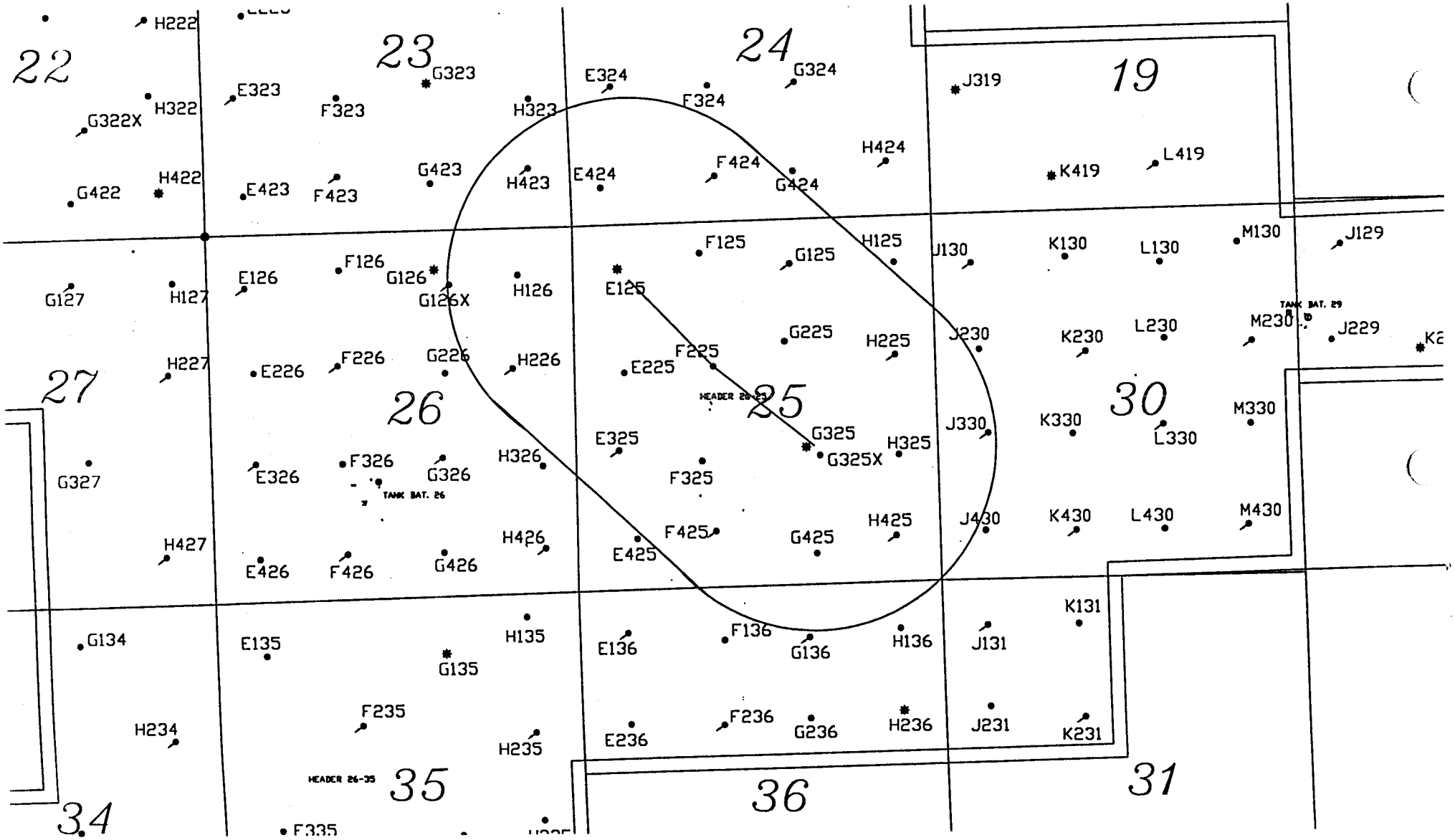
HALF HOUR PRESSURE CHANGE 10 PSI

(CHECK ONE)

TEST PASSED ☑ TEST FAILED* ☐

*IF FAILED, NO INJECTION MAY OCCUR UNTIL CORRECTIONS HAVE BEEN MADE AND WELL PASSES.


I pressured the Csg. up to 1030 lbs. - Ran chart for 30 min. It lost 10 lbs. in the first 10-12 min. and then stayed at 1020 psi for the remainder of the test.
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-1500
Date 3/4/98
METER
TAKEN OFF 11:38 A. M
CHART PUT ON 11:08 A. M
LOCATION F225
REMARKS
START
FINISH
NOON
6 PM
6 AM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34
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H222
G322X
H322
E323
F323
G323
H323
E324
F324
G324
J319
H424
L419
K419
G422
H422
E423
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H127
E126
F126
G126
G126X
H126
E125
G225
H225
J230
K230
L230
M230
J229
H227
E226
F226
G226
H226
E225
F225
HEADER 26-25
E325
G325
G325X
H325
J330
K330
L330
M330
G327
E326
F326
G326
H326
TANK BAT. 26
F325
H427
E426
F426
G426
H426
E425
F425
G425
H425
J430
K430
L430
M430
G134
E135
G135
H135
E136
F136
G136
H136
J131
K131
H234
F235
H235
E236
F236
G236
H236
J231
K231
HEADER 26-35
F335

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

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Use "APPLICATION FOR PERMIT –" for such proposals

SUBMIT IN TRIPLICATE

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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 INJECTION WELL

8. Well Name and Number ANETH UNIT F225

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. 4303716080

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

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10. Field and Pool, Exploratory Area DESERT CREEK

11. County or Parish, State SAN JUAN , UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ 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: INJECTION	☐ Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

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

THIS SUNDRY IS TO ADVISE THAT THE SUBJECT WELL WAS PLACED ON INJECTION IN JUNE 1998

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

SIGNATURE Billy Bowen ext. 14 TITLE Eng. Assistant DATE 1/4/99

TYPE OR PRINT NAME Billy C. Bowen

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

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

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.

Recy
Recy

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
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Name / Operatorship Change
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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: J. Purdy
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)

(5/2000) (See Instructions on Reverse Side)

THE NAVAJO NATION

MINERALS DEPARTMENT
Post Office Box 1910
Window Rock, Arizona 86515
Phone: (928) 871-6587 • Fax: (928) 871-7095

KELSEY A. BEGAYE
PRESIDENT

TAYLOR McKENZIE, M.D.
VICE PRESIDENT

October 11, 2002

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

Subject: Navajo Nation Assignment of Oil & Gas Lease

Dear Mr. Sellars:

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

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

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

Sincerely,

Akhtar Zaman, Director
Minerals Department

Attachments
AZ/GLB/eab

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent

Operator Name Change — X — **Merger**

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

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

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

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
ANETH F-123	23-40S-24E	43-037-30235	99990	INDIAN	WIW	A
NAVAJO TRIBE C-13 (ANETH F-424)	24-40S-24E	43-037-16087	99990	INDIAN	WIW	A
NAVAJO TRIBE C-10 (ANETH E-324)	24-40S-24E	43-037-16069	99990	INDIAN	WIW	A
NAVAJO TRIBE C-15 (ANETH G-324)	24-40S-24E	43-037-16111	99990	INDIAN	WIW	A
NAVAJO TRIBE C-16 (ANETH F-224)	24-40S-24E	43-037-16289	99990	INDIAN	WIW	A
NAVAJO TRIBE C-28 (ANETH H-424)	24-40S-24E	43-037-16331	99990	INDIAN	WIW	A
NAVAJO TRIBE C-21 (ANETH E-325)	25-40S-24E	43-037-16070	99990	INDIAN	WIW	A
NAVAJO TRIBE C-20 (F-225)	25-40S-24E	43-037-16080	7000	INDIAN	WIW	A
ANETH UNIT G-125	25-40S-24E	43-037-16095	99990	INDIAN	WIW	A
NAVAJO TRIBE C-11 (ANETH H-225)	25-40S-24E	43-037-16124	11883	INDIAN	WIW	A
NAVAJO TRIBE C-24 (ANETH H-425)	25-40S-24E	43-037-16129	99990	INDIAN	WIW	A
NAVAJO TRIBE C-32 (ANETH F-425)	25-40S-24E	43-037-16301	99990	INDIAN	WIW	A
NAVAJO TRIBE C-4 (ANETH F-426)	26-40S-24E	43-037-16302	99990	INDIAN	WIW	A
NAVAJO TRIBE C-29 (ANETH E-126)	26-40S-24E	43-037-16054	99990	INDIAN	WIW	A
NAVAJO TRIBE C-30 (ANETH E-326)	26-40S-24E	43-037-16071	7000	INDIAN	WIW	A
NAVAJO TRIBE C-27 (ANETH G-326)	26-40S-24E	43-037-16113	7000	INDIAN	WIW	A
NAVAJO TRIBE C-23 (ANETH F-226)	26-40S-24E	43-037-16290	99990	INDIAN	WIW	A
NAVAJO TRIBE C-19 (ANETH H-226)	26-40S-24E	43-037-16316	99990	INDIAN	WIW	A
NAVAJO TRIBE C-31 (ANETH H-426)	26-40S-24E	43-037-16332	99990	INDIAN	WIW	A
ANETH G-126X	26-40S-24E	43-037-30372	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:** 10/24/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 10/24/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT or CA AGREEMENT NAME: Aneth Unit

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

8. WELL NAME and NUMBER: See Attachment

2. NAME OF OPERATOR: Resolute Natural Resources Company N2700

9. API NUMBER: See Attach

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

PHONE NUMBER: (303) 534-4600

10. FIELD AND POOL, OR WILDCAT: Desert Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attachment

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
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	☐ 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)

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 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		
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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

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 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 Pagque xt
Signature: Janet Pagque
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 L-6 (ANETH G-308)	08	400S	240E	4303716101	99990	Indian	WI	A
NAVAJO TRIBE E-4 (ANETH F-409)	09	400S	240E	4303716082	99990	Indian	WI	A
ANETH G-415	15	400S	240E	4303716116	7000	Indian	WI	A
NAVAJO TRIBAL G-3 (ANETH G-117)	17	400S	240E	4303716089	99990	Indian	WI	A
NAVAJO TRIBAL 1-X-G (ANETH G-317)	17	400S	240E	4303716103	99990	Indian	WI	A
NAVAJO TRIBE 2 (ANETH G-118)	18	400S	240E	4303716090	99990	Indian	WI	A
NAVAJO TRIBE G-4 (ANETH G-318)	18	400S	240E	4303716104	99990	Indian	WI	A
NAVAJO TRIBE D-26 (ANETH F-219)	19	400S	240E	4303716077	99990	Indian	WI	A
NAVAJO TRIBE D-16 (ANETH G-119)	19	400S	240E	4303716091	99990	Indian	WI	A
NAVAJO TRIBE L-5 (ANETH G-120)	20	400S	240E	4303716092	99990	Indian	WI	A
NAVAJO TRIBE D-12 (ANETH G-320)	20	400S	240E	4303716105	99990	Indian	WI	A
NAVAJO TRIBE D-6 (ANETH F-221)	21	400S	240E	4303716078	99990	Indian	WI	A
NAVAJO TRIBE D-21 (ANETH F-421)	21	400S	240E	4303716084	99990	Indian	WI	A
NAVAJO TRIBE D-23 (ANETH F-422)	22	400S	240E	4303716085	7000	Indian	WI	A
NAVAJO TRIBE C-7 (ANETH F-223)	23	400S	240E	4303716079	99990	Indian	WI	A
NAVAJO TRIBE C-17 (ANETH F-423)	23	400S	240E	4303716086	99990	Indian	WI	A
NAVAJO TRIBE C-13 (ANETH F-424)	24	400S	240E	4303716087	99990	Indian	WI	A
NAVAJO TRIBE C-15 (ANETH G-324)	24	400S	240E	4303716111	99990	Indian	WI	A
NAVAJO TRIBE C-20 (F225)	25	400S	240E	4303716080	7000	Indian	WI	A
ANETH UNIT G125	25	400S	240E	4303716095	99990	Indian	WI	A
NAVAJO TRIBE C-27 (ANETH G-326)	26	400S	240E	4303716113	7000	Indian	WI	A
NAVAJO TRIBE S-1 (ANETH G-129)	29	400S	240E	4303716097	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: