Put 'to Producing - 12-27-75

FILE NOTATIONS

Entered in NID File .....✓.....
Location Map Pinned .....✓.....
Card Indexed .....✓.....

Checked by Chief .....
Approval Letter 4-15-75
Disapproval Letter ....

COMPLETION DATA:

Date Well Completed 12-27-75
W..✓.. WW..... TA.....
OW..... OS..... PA.....

Location Inspected ..
Bond released
State or Fee Land .....

LOGS FILED

Driller's Log.....
Electric Logs (No.) ...✓....
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... Mi-L..... Sonic.....
CBLog..... CCLog..... Others.....

TEXACO

PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U. S.
DENVER DIVISION

February 10, 1975

TEXACO INC.
P. O. BOX 2100
DENVER, COLORADO 80201

ANETH UNIT WELL NO. J230
SW¼ NW¼ SEC. 30 T40S-R25E
SAN JUAN COUNTY, UTAH
6.34

Mr. P. T. McGrath (3)
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Dear Mr. McGrath:

As requested by your office, the following information is provided for the drilling of Aneth Unit Well No. J230, San Juan County, Utah:

1. SURFACE CASING: 500' of 8-5/8" OD 24# K-55 ST&C, SH.

2. CASINGHEADS: 10-3/4" x 10" Series 600, 2000# pressure rating.

3. PRODUCTION CASING: 5690' of 5-1/2" OD 14 & 15.5# K-55 ST&C, SH.

4. BLOWOUT PREVENTER: 10" Series 600 with blind and pipe rams. See attached drawing.

5. AUXILIARY EQUIPMENT:
   (a) Kelly cock will be used at all times and checked daily.
   (b) Safety sub with full opening valve for drill pipe on floor.

6. ANTICIPATED BOTTOM HOLE PRESSURE: 2500 psi.

7. DRILLING FLUID: Water and salt mud.

Very truly yours,

Tommie Bliss

Tommie Bliss
District Superintendent

DRD:RB

Attach.

cc: OGCC(2)

NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS; ONE BLIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH BLIND RAMS & THE OTHER WITH PIPE RAMS
ALWAYS PLACE THE BLIND RAMS IN THE TOP PREVENTER.

APPROVED

ANETH UNIT WELL NO. J230

SAN JUAN COUNTY, UTAH

TEXACO INC
DENVER, COLORADO

BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2

DRAWN BY M.R.D. CHKD BY F.R.I.
DATE 11-8-63 FILE A68000
REVISED SCALE 1:10:1

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICA
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: I-149-IND-8839-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Aneth Unit

8. ~~FARM OR~~ LEASE NAME: Unit

9. WELL NO.: J230

10. FIELD AND POOL, OR WILDCAT: Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 30 T40S-R25E

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Texaco Inc. Attention: T. Bliss

3. ADDRESS OF OPERATOR: P. O. Box 2100, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: SW¼ NW¼ Sec. 30
At proposed prod. zone: 1980' FNL & 660' FWL, Sec. 30

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 660'

16. NO. OF ACRES IN LEASE: - -

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 1200'

19. PROPOSED DEPTH: 5690'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4676' GR

22. APPROX. DATE WORK WILL START*: December 10, 1975

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	500'	Circulate to surface.
7-7/8"	5-1/2"	14 & 15.5#	5690'	Cement 600' above pay.

DV collar to be run below De Chelly and cement to bottom of surface casing.

Propose to drill this infill well in order to gain optimum primary and secondary oil recovery from the Aneth Unit. Samples will be taken at 10' intervals from 5000' to TD. No cores or DSTs are planned. Logs will be run from surface casing to TD. Prospective zones will be perforated and acidized. Blowout preventer equipment will be as indicated on the attached exhibit, and will be tested at regular intervals. Necessary steps will be taken to protect the environment.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION
DATE APR 15 1975
BY C. B. Feight

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED Tommie Bliss TITLE District Superintendent DATE Feb. 10, 1975

(This space for Federal or State office use)

PERMIT NO. 43-037-30246 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

(USGS (3) Farmington OGCC (2) SLC USGS (1) Durango TB ARM Bureau of Indian Affairs Gulf (2) Shell The Navajo Tribe Superior Tenneco

*See Instructions On Reverse Side

COMPANY Texaco Inc.

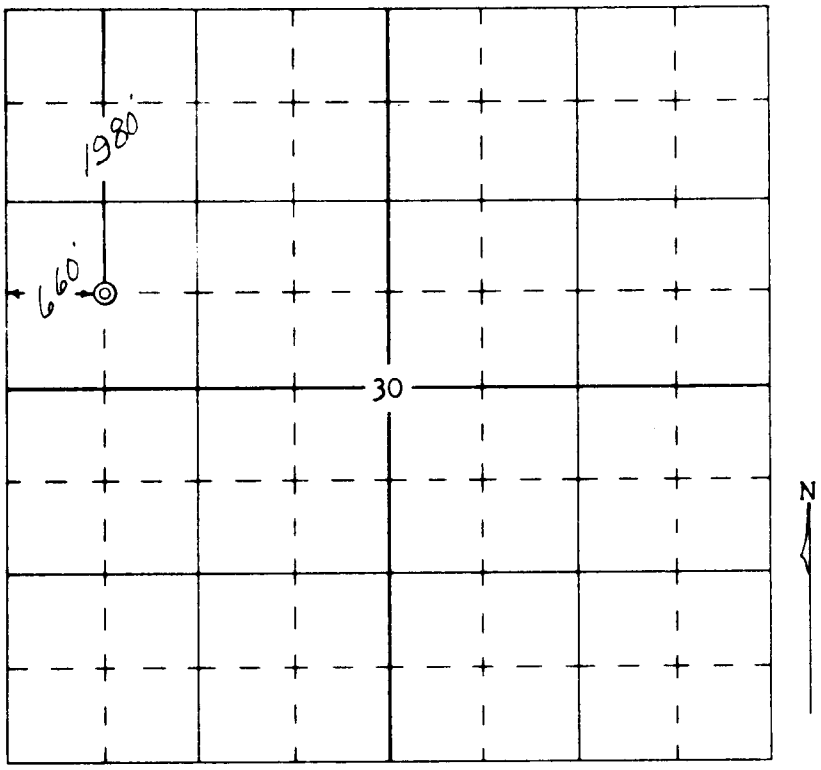
Well Name & No. ANETH UNIT WELL NO. J230 Lease No.

Location 1980 feet from North line and 660 feet from West line

Being in San Juan County, Utah

Sec. 30, T.40S., R.25E., S.L.M.

Ground Elevation 4676



Scale -- 4 inches equals 1 mile

Surveyed February 28, 19 75

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

Registered Professional
Engineer and Land Surveyor.
Utah Surveyor No. 2533

Seal:

Farmington, New Mexico

TEXACO

April 10, 1975

SURFACE USE DEVELOPMENT PLAN
ANETH UNIT WELL NO. J230
SW¼ NW¼ SEC. 30 T40S-R25E
SAN JUAN COUNTY, UTAH

6.34

Mr. P. T. McGrath (3)
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Dear Mr. McGrath:

As requested by your office, the Surface Use Development Plan for Aneth Unit Well No. J230, San Juan County, Utah, is as follows:

1. Existing roads and exit to the location are shown on the attached plats.

2. New access road 100' x 30' wide will be required. The road will run east from the location to an existing road, and the surface will be compacted soil. No cuts, culverts or cattleguards will be required.

3. Offset wells to the proposed well are shown on the attached plat.

4. Lateral roads in the vicinity of the location are shown on the attached plat.

5. The flowline for subject well will run approximately one mile east to an existing battery in Section 29. See attached plat.

6. Water for drilling operations will be trucked from Texaco's fresh water supply tank, a distance of 4½ miles.

7. All waste material will be contained by earthen and steel pits. Earthen pits will be subsequently back-filled and buried.

8. No separate drill campsites are proposed.

9. There are no registered airstrips in the vicinity of the location.

10. The drillsite location will be laid bare and will be approximately 250' x 250' with natural drainage to the south. Proper grading will be used to control erosion, and the drilling pad surface will be compacted soil. A plat showing the location and rig layout is attached.

11. All surfaces not used in normal well servicing and maintenance will be cleaned and graded.

12. The wellsite is slightly sloping, sandy, barren ground sparsely covered with grass.

Very truly yours,

Tommie Bliss

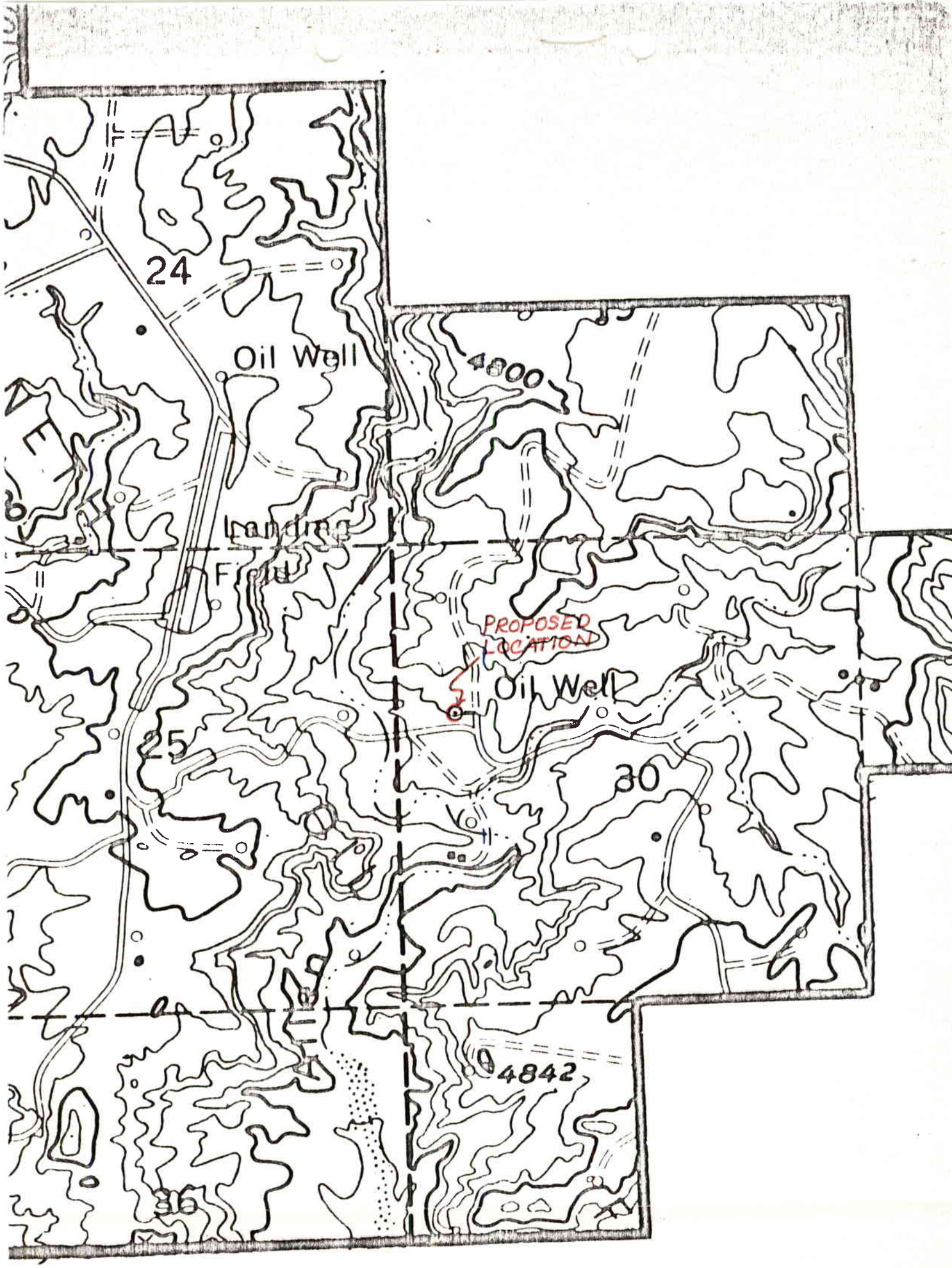
Tommie Bliss
District Superintendent

FME:RB

Attach.

cc: Board of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

U. S. Geological Survey
P. O. Box 1809
Durango, Colorado 81301

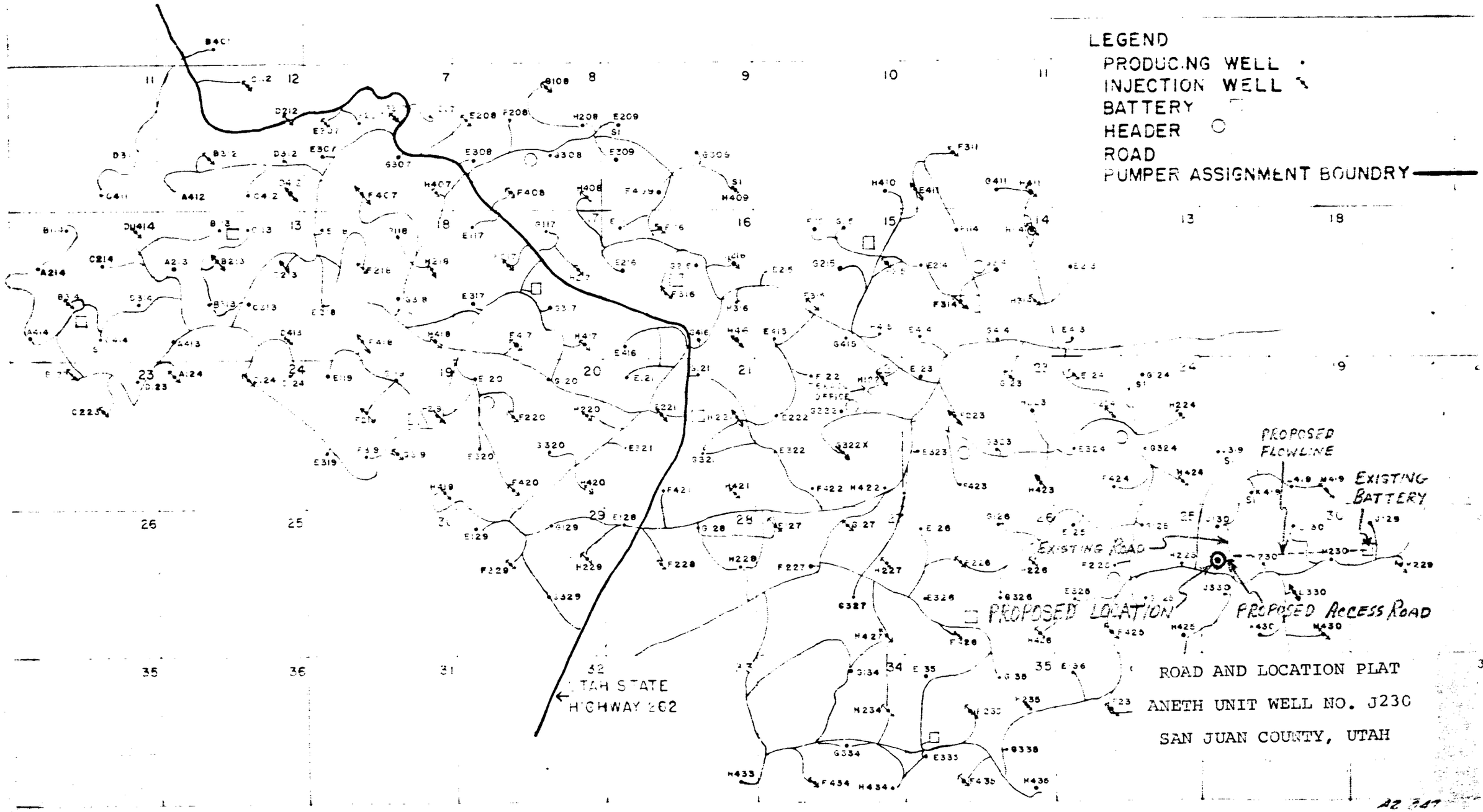


ROAD AND LOCATION PLAT

ANETH UNIT WELL NO. J230

SAN JUAN COUNTY, UTAH

ANETH UNIT

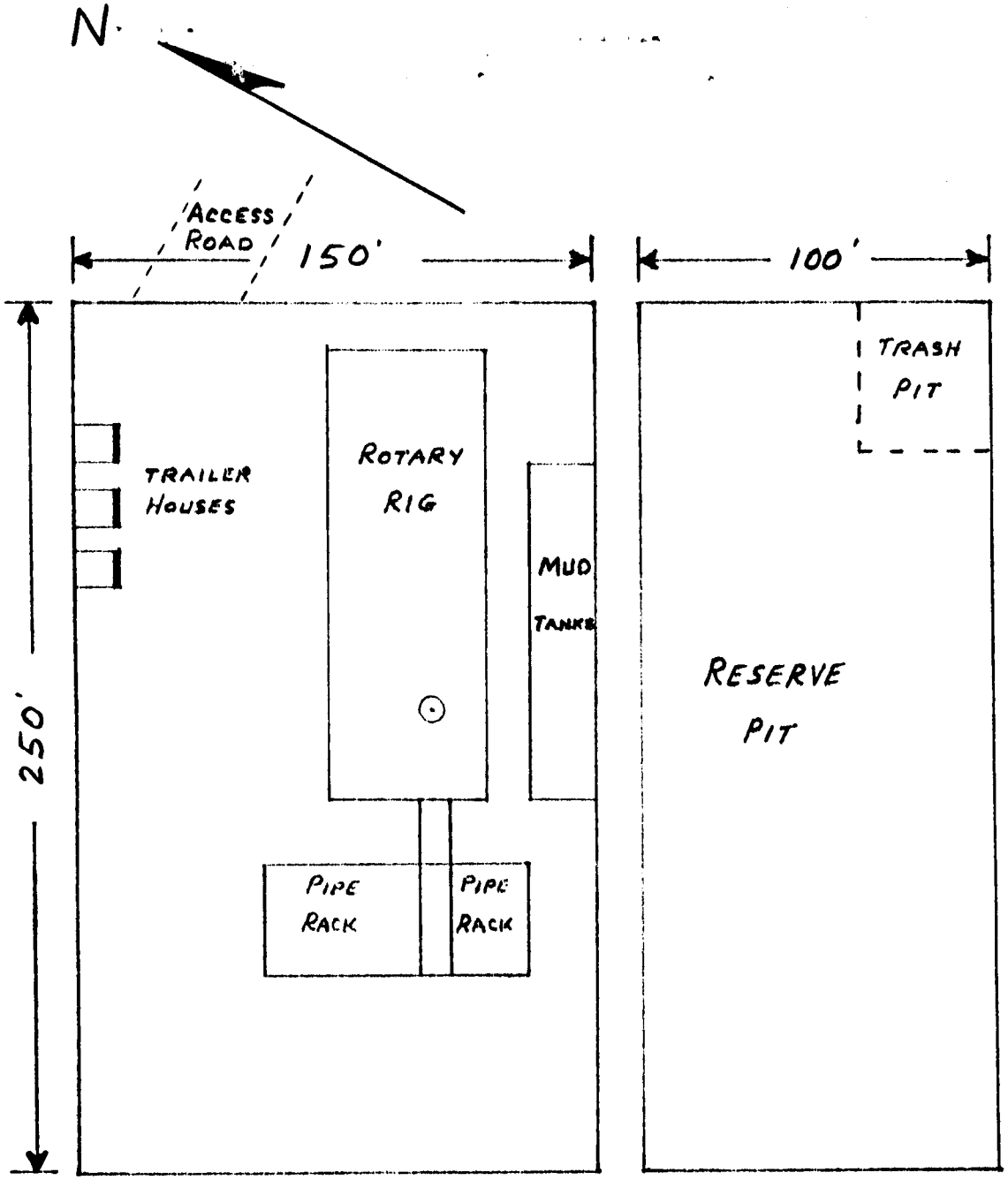


ROAD AND LOCATION PLAT

ANETH UNIT WELL NO. J230

SAN JUAN COUNTY, UTAH

22 347



A. Drilling pad will be compacted soil.

B. Surface is slightly sloping, sandy ground sparsely covered with grass.

LOCATION AND RIG LAYOUT PLAT

ANETH UNIT WELL NO. J230

SAN JUAN COUNTY, UTAH

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 DEC 4 1975 DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR
Texaco, Inc. Attention: G. L. Eaton

3. ADDRESS OF OPERATOR
P. O. Box 2100 Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
SW¼ NW¼ Sec. 30
1980' FNL & 660' FWL, Sec. 30

5. LEASE DESIGNATION AND SERIAL NO.
I-149-IND-8839-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
J230

10. FIELD AND POOL, OR WILDCAT
Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30 T40S-R25E

14. PERMIT NO.
43-037-30240

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4676' GR

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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) Surface casing			[X]
(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.) *

11-20: Ran 13 joints of 8-5/8" OD, 24#, K-55, ST&C new & used casing, set @ 504' KB. Cemented with 300 sacks regular w/2% CaCl & ¼# Flocele/sack. Plug down @ 4:00 AM, 11-20-75. Cement circ. to surface.

Tested BOP equipment and casing with 800 psi for 30 minutes, no loss in pressure.

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

SIGNED G. L. Eaton TITLE District Superintendent DATE Dec. 2, 1975

(This space for Federal or State office use)

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

USGS(3) OGCC(2) GLE ARM Navajo Tribe Gulf(2) Shell Superior
Farm. SLC Tenneco Conoco

*See Instructions on Reverse Side

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
DEC 11 1975
DIVISION OF OIL, GAS, & MINING

5. LEASE DESIGNATION AND SERIAL NO.: I-149-IND-8839-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Aneth Unit

2. NAME OF OPERATOR: Texaco, Inc. Attention: G. L. Eaton

8. FARM OR LEASE NAME: Unit

3. ADDRESS OF OPERATOR: P. O. Box 2100 Denver, Colorado 80201

9. WELL NO.: J230

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
SW¼ NW¼ Sec. 30
1980' FNL & 660' FWL, Sec. 30

10. FIELD AND POOL, OR WILDCAT: Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 30 T40S-R25E

14. PERMIT NO.: 43-037-30240

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4676' GR

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

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) Production casing			[X]
(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.) *

12-9-75:
Ran 140 joints of 5-9/16" OD, X-42, LT&C new casing, set @ 5681'KB, with DV Tool @ 2708'. Cemented 1st stage with 300 sacks Class B w/ 6¼# gilsonite, 7# salt, ½# mud kill, & 3/4 of 1% CFR-2/sack. Plug down 1:55 AM, 12-9-75. Cemented 2nd stage thru DV Tool with 450 sacks Halliburton Lite and 50 sacks regular. Plug down 2:55 AM, 12-9-75.

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

SIGNED G. L. Eaton TITLE District Superintendent DATE Dec. 9, 1975

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

USGS (3) OGCC (2) GLE ARM Navajo Tribe Gulf (2) Shell Superior
Farm. SLC Tenneco Conoco

*See Instructions on Reverse Side

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED JAN 9 1976 DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: I-149-IND-8839-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

7. UNIT AGREEMENT NAME: Aneth Unit

8. FARM OR LEASE NAME: Unit

2. NAME OF OPERATOR: Texaco Inc. Attention: G. L. Eaton

9. WELL NO.: J230

3. ADDRESS OF OPERATOR: P. O. Box 2100, Denver, Colorado 80201

10. FIELD AND POOL, OR WILDCAT: Aneth Field

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

At surface: SW¼ NW¼ Sec. 30

At top prod. interval reported below: 1980' FNL & 660' FWL, Sec. 30

At total depth:

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 30 T40S-R25E

14. PERMIT NO.: 43-037-30240 DATE ISSUED: 4-15-75

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

15. DATE SPUDDED: 11-19-75 16. DATE T.D. REACHED: 12-7-75 17. DATE COMPL. (*Ready to prod.*): 12-27-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 4680' GR 19. ELEV. CASINGHEAD: 4688' KB

20. TOTAL DEPTH, MD & TVD: 5690' 21. PLUG, BACK T.D., MD & TVD: 5642' 22. IF MULTIPLE COMPL., HOW MANY*: - 23. INTERVALS DRILLED BY: → ROTARY TOOLS: Surface to TD CABLE TOOLS: -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Desert Creek Top: 5472' Bottom: TD

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: FDC-CNL-GR, MLL, DIL

27. WAS WELL CORED: No

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	504'	12-1/4"	300 sacks	
5-9/16"	14 & 15.5#	5681'	7-7/8"	300 sacks	
	DV Tool	2708'		450 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5609'	-

31. PERFORATION RECORD (*Interval, size and number*)

Desert Creek 5504-16, 5534-40, 5544-50, and 5472-92'
2 jet shots per foot.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5504-50'	300 gal 15% NE-HCl
5504-50'	2400 gal Acid Emulsion
5472-92'	500 gal 15% NE-HCl
	2000 gal Acid Emulsion

33.* PRODUCTION

DATE FIRST PRODUCTION: 12-27-75 PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Pumping WELL STATUS (*Producing or shut-in*): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-30-75	24	-		148	93	225	628

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
-	-		-	-	-	39.6

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Sold

TEST WITNESSED BY: J. J. Presley

35. LIST OF ATTACHMENTS: -

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED G. L. Eaton TITLE District Superintendent DATE 1-7-76

*(See Instructions and Spaces for Additional Data on Reverse Side)

USGS (3) OGCC (2) GLE ARM Navajo Tribe Gulf (2) Shell Superior Tenneco Continental Exxon Marathon Sun Oil Co.

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No cores were taken.			
No DSTs were taken.			

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Desert Creek	5472'	
Ismay	5318'	
Hermosa	4660'	
DeChelly	2590'	

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238

Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

RECEIVED
MAY 28 1991
DIVISION OF
OIL GAS & MINING

May 22, 1991

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

Gentlemen:

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

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

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

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

Yours very truly,

R S Lane

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

Form OGC-1b

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☐ GAS WELL ☐ OTHER

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

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

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

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH | 13. STATE

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

RECEIVED MAY 28 1991 DIVISION OF OIL GAS & MINING

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

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

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

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

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

Former Operator:

TEXACO INC.

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

Date: 3/1/91

New Operator:

Texaco Exploration and Production Inc.

Signed: [signature]

Title: Division Manager

Date: 3/1/91

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

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

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9

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

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT— for such proposals

1. Type of Well
[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)

ivision of Oil, Gas and Mining
PERATOR CHANGE WORKSHEET

Routing:

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

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

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

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

O (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

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

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

PERATOR CHANGE DOCUMENTATION

Lcr 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (5-28-91)

N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).

Lcr 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #114097.

Lcr 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.

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

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

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

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

Lcr 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

TY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

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

VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. #K0290791-4 80,000-Ins. Co. of N. America rec. 2-11-91.

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

3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___. #m157448 80,000-Ins. Co. of N. America

SE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.

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

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME
N0980	TEXACO INC	365	GREATER ANETH	S400	E240	27	NWSE	4303716226	DSCR	POW	7000	ANETH A 27-O3 (G327)
				S400	E240	28	NENW	4303730728	DSCR	POW	7000	ANETH U F128
				S400	E240	29	NENW	4303730187	DSCR	POW	7000	ANETH U F129
				S400	E240	29	NWSE	4303716114	IS-DC	POW	7000	NAV TRB AB-#1 (G329)
				S400	E240	34	NWSE	4303716227	DSCR	POW	7000	ANETH 34-C3 (G334)
				S400	E240	35	NWSE	4303716115	DSCR	POW	7000	NAV TRB Q-6 (G335)
				S400	E240	35	NWSW	4303716072	DSCR	TA	7000	NAV TRB Q-2 (E335)
				S400	E240	36	NENW	4303730409	DSCR	POW	7000	ANETH U F136
		380	ISMAY	S400	E250	12	SWSE	4303716168	ISMY	POW	7010	NAV TR H-3 (Q412)
		365	GREATER ANETH	S400	E240	23	NESE	4303730316	IS-DC	POW	7000	ANETH U H323
				S400	E240	23	NENE	4303730223	IS-DC	POW	7000	ANETH U H123
				S400	E240	22	SWSW	4303730346	IS-DC	POW	7000	ANETH U E422
				S400	E240	27	NENW	4303730718	IS-DC	POW	7000	ANETH U F127
				S400	E240	35	NWNW	4303716056	IS-DC	POW	7000	NAV TRB Q3 (E135)
				S400	E240	34	SESE	4303716230	DSCR	TA	7000	ANETH 34-D4 (H434)
				S400	E240	35	SESE	4303716130	IS-DC	POW	7000	NAV TRB Q-7 (H435)
				S400	E240	35	NWSW	4303716072	IS-DC	POW	7000	NAV TRB Q2 (E335)
				S400	E240	36	NENE	4303730227	IS-DC	POW	7000	ANETH U H136
		65	BLUEBELL	S020	E010	10	SWNE	4304730206		LA	99998	UTE TRIBE "S" #1
		365	GREATER ANETH	S400	E240	36	NENE	4303730227	DSCR	TA	7000	ANETH U H136
				S400	E250	29	SWNW	4303730645	DSCR	SOW	7000	ANETH U J229
				S400	E250	30	SWSW	4303730243	IS-DC	POW	7000	ANETH U J430
				S400	E250	30	NWNE	4303716138	DSCR	POW	7000	NAV TRB F-12 (L130)
				S400	E250	30	SWNW	4303730240	DSCR	POW	7000	~~ANETH U J230~~
				S400	E250	30	NESW	4303730224	DSCR	POW	7000	ANETH U K330
				S400	E250	30	SWSE	4303730648	DSCR	POW	7000	ANETH U L430
				S400	E250	31	SWNW	4303730413	DSCR	POW	7000	ANETH U J231
				S400	E250	31	NENW	4303730647	IS-DC	POW	7000	ANETH U K131
		380	ISMAY	S400	E260	34	SWNE	4303716184	ISMY	POW	7010	NAV TR AC3 (U234)
				S400	E260	16	SWNE	4303715547	ISMY	SOW	7010	ST WOOLLEY 5 (U216)
				S400	E260	17	SWNW	4303716170	ISMY	POW	7010	NAV TRB J13 (S217)
				S400	E260	18	SWNW	4303716171	ISMY	POW	7010	NAV TR K-4 (S218)
				S400	E260	18	SWSE	4303716186	ISMY	SOW	7010	NAV TR K-7 (U418)
				S400	E260	18	NESE	4303716467	ISMY	SOW	7010	ISMY (V318)
				S400	E260	22	SWSW	4303716177	ISMY	POW	7010	NAV TR J-22 (S422)
				S400	E260	22	SWNE	4303716183	ISMY	POW	7010	NAV TR J-25 (U222)
				S400	E260	27	SWNE	4303716234	ISMY	POW	7010	E ANETH 27C2 (U227)
				S400	E260	27	SWSE	4303716235	ISMY	POW	7010	E ANETH 27C4 (U427)
				S400	E260	17	SWSE	4303716185	ISMY	SOW	7010	NAV TRB J-6 (U417)
				S400	E260	18	NESW	4303716464	ISMY	SOW	7010	ISMY T318 NAV TR K-8
				S400	E260	20	NENE	4303716190	ISMY	POW	7010	NAV TR J-1 (V120)
				S400	E260	22	SWNW	4303716173	ISMY	SOW	7010	NAV TR J-17 (S222)
		405	MCELMO MESA	S410	E260	4	SWNW	4303716196	ISMY	PA	7025	NAVAJO TRIBAL 'AC' #7
				S410	E260	4	NESW	4303720141	ISMY	PA	7025	NAVAJO TR "AC" #8-X
		1	WILDCAT	S310	E240	9	SWNE	4303730620		PA	99998	SOUTHLAND ROYALTY NTC-1,
		380	ISMAY	S400	E260	21	NWNE	4303720056	ISMY	PA	7010	WATER WELL 3 (U121)
		65	BLUEBELL	S020	W020	22	SWNE	4301330339	GR-WS	PA	99998	LEONARD GOODRICH #1

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-8839
6. If Indian, Allottee or Tribe Name: Navajo Tribal
7. If Unit or CA, Agreement Designation: Aneth Unit
8. Well Name and No.: J230
9. API Well No.: 4303730240
10. Field and Pool, or Exploratory Area: Desert Creek
11. County or Parish, State: San Juan, Utah

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980 FNL & 660 FWL Section 30-T40S-R25E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[X] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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 proposes to open additional pay in the subject well. See attached procedure and wellbore diagram for pertinent details. Estimated start date is Feb. 8, 1993.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING
2-3-93
J.R. Matthews

RECEIVED
FEB 0 2 1993
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed: [signature] Title: Area Manager Date: 1/14/93

(This space for Federal or State office use)
Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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

*See Instruction on Reverse Side

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

ANETH UNIT J230
Zone II Completion Procedure

1. MIRUPU. TOOH w/ rods and pump. NUBOP's. Tag PBTD of 5642'. TOOH w/ tubing.

2. RU perforators. Correlate to CCL/GR run on 12/13/75. Perforate the following Desert Creek intervals with 2 JSPF. (Use premium charges and a debris free maximum OD casing gun.)

   5609' - 5628' (19')
   5595' - 5603' (8')
   5584' - 5586' (2')
   5573' - 5580' (7')

3. TIH w/ packer to 5560' and spot 1000 gals. of 15% HCl. Set packer and acidize DC zone II perforations as follows:

   Stage 1 - 500 gals. 15% HCl
   Stage 2 - 750 gals. TDA
   Stage 3 - 1250 gals. 15% HCl
   Stage 4 - 1250 gals. Lease water flush

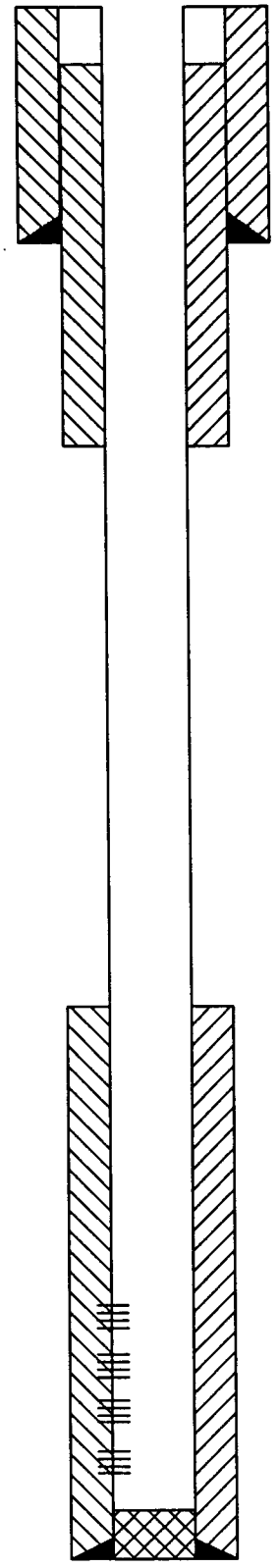
   Recover load volume to pit. RD service company. <u>Do not exceed 2800 psi. while pumping.</u>

4. TOOH w/ packer. Put well back on production and test. See attachment for rod string design, pump depth, and pump size.

JLB
attachments

Aneth Unit J230

Location:
1980 FNL & 660 FWL
Sec. 30 T40S R25E



8 5/8" 24# Casing
Set @ 504'
Cemented w/ 300 sxs.
Cement circ.

DV Tool
Set @ 2708'
Cemented w/ 450 sxs.
TOC @ 250'

5 9/16" 15.6# Casing
Set @ 5681'
Cemented w/ 300 sxs.
in 7 7/8" hole.

Cement top @ 4350'
(Est. w/ 50% excess)

Current Perforations:
5504'-16'
5534'-40'
5544'-50'
5472'-92'

Proposed Perforations:
5573'-80'
5584'-86'
5595'-5603'
5609'-28'

PBTD @ 5642'

TD @ 5690'

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-8839
6. If Indian, Allottee or Tribe Name: Navajo Tribal
7. If Unit or CA, Agreement Designation: Aneth Unit
8. Well Name and No.: J230
9. API Well No.: 43-037-30240
10. Field and Pool, or Exploratory Area: Desert Creek
11. County or Parish, State: San Juan County, Utah

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Texaco Exploration & Production Inc.
3. Address and Telephone No.: 3300 N. Butler, Farmington N.M. 87401 (505)325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): 1980' FNL & 660' FWL SW/NW, Sec. 30, T40S, R25E

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
[X] Subsequent Report	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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 recompleted the subject well in Zone 2 of the Desert Creek. The following procedure was followed:

3-15-93. MIRUSU. POOH with production equipment. Tagged bottom @ 5640'. RU and perforated Zone 2 @ 5573'-80', 5584'-86', 5595'-5603', 5609'-28' with 2 JSPF. RU and acidized with 2,750 gals. of 15% HCL acid with diverter. Well on vacuum. Pumped 20 BBLS acid. Dropped 86 ball sealers on perfs. Pressured up to 140#, flushed with 31 BBLS of water. RU and swabbed back load. POOH. RIH with production equipment. Hang well on. Put on production. RDMOL.

RECEIVED
AUG 16 1993
DIVISION OF
OIL, GAS & MINING

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

Signed Rachael Hindi/TAT Title Area Manager Date 8/09/93

(This space for Federal or State office use)

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

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

*See Instruction on Reverse Side

BLM-Farmington(5), UOGCC(3), Navajo Tribe(1), TAT, DDU, MGB, MAG

TRB

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.: I-149-IND-8839

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal

7. UNIT AGREEMENT NAME: Aneth Unit

8. FARM OR LEASE NAME: Aneth Unit

9. WELL NO.: J230

10. FIELD AND POOL, OR WILDCAT: Desert Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SW/NW, Sec. 30, T40S, R25E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other ---

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [X] DEEP EN [ ] PLUG BACK [ ] DIFF RESVR [ ] Other ---

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

3. ADDRESS OF OPERATOR: 3300 N. Butler, Farmington, N.M. 87401 (505)325-4397

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 1980' FNL & 660' FWL
At top prod. interval reported below: SAME
At total depth: SAME

14. PERMIT NO.: 43-037-30240 | DATE ISSUED: 4/15/75

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

15. DATE SPUDDED: 11-19-75 | 16. DATE T.D. REACHED: 12-09-75 | 17. DATE COMPL. (Ready to prod.): 3-17-93 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*: 4680' GR | 19. ELEV. CASINGHEAD: 4688' KB

20. TOTAL DEPTH, MD & TVD: 5690' | 21. PLUG, BACK T.D., MD & TVD: 5642' | 22. IF MULTIPLE COMPL., HOW MANY*: | 23. INTERVALS DRILLED BY: → | ROTARY TOOLS: Surf.-TD | CABLE TOOLS:

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: Top - 5580', Bottom - 5628', Zone 2 of Desert Creek

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: None

27. WAS WELL CORED: No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	28.0#	504'	12-1/4"	300 sks.	Circ.
5-1/2"	15.5#	5681'	7-7/8"	300 sks	TOC @ 4350'
DV Tool		2708'		450 sks	TOC @ 250' (est. w/ 50% exc.)

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5587'	---

31. PERFORATION RECORD (Interval, size and number)
Zone 2: 5573'-80', 5584'-86', 5595'-5603' 5609'-28'. 2 JSPF.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5573'-5628'	Acid w/ 2750 gals 15% HCL acid w/ diverter, 86 ball sealer.

RECEIVED AUG 16 1993 DIVISION OF OIL, GAS & MINING

33.* PRODUCTION

DATE FIRST PRODUCTION: 3-19-93 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Pumping - (2-1/2" X 1-3/4" X 24') - API | WELL STATUS (Producing or shut-in): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-17-93	24 Hrs.	---	→	67	24	303	358

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
130	130	→	67	24	303	40

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold

TEST WITNESSED BY: Harry Benally

35. LIST OF ATTACHMENTS: Sundry

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED: Rocked Hundi/TAJ TITLE: Area Manager DATE: 8/10/93

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
	No Cores Were Taken		
	No DSTs Were Taken		

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
DeChelly	2590'	
Hermosa	4660'	
Ismay	5318'	
Desert Creek	5472'	

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 1 3 1995

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-8839

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

8. Well Name and Number: ANETH UNIT J230

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.: 4303730240

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

Unit Letter E : 1980 Feet From The NORTH Line and 660 Feet From The WEST Line Section 30 Township T40S Range R25E

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
	☐ Altering 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 SIDETRACK AND DRILL TWO HORIZONTAL SECTIONS INTO THE DESERT CREEK FORMATION IN THE SUBJECT WELL.

THE PROPOSED BOTTOM HOLE LOCATIONS WILL BE AS FOLLOWS:

NORTHWEST SECTION: 1320' FNL& 1' FWL SECTION 30, T40S, R25E
SOUTHEAST SECTION: 2640 FNL & 1320 FWL SECTION 30, T40S, R25E

PLEASE SEE ATTACHED WORKOVER PROCEDURE AND WELLBORE DIAGRAMS.

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 10-9-95

TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)

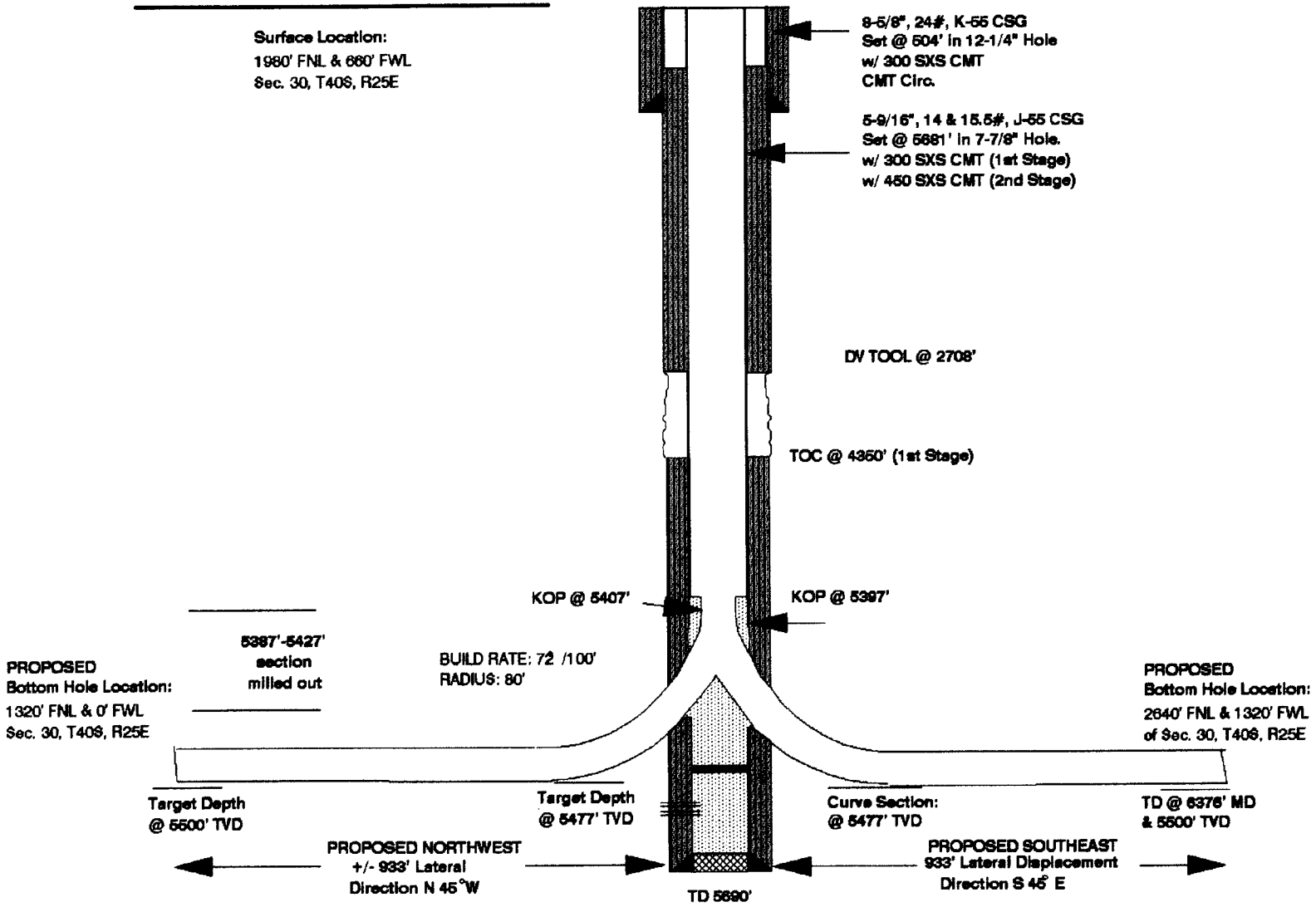
APPROVED BY [signature] TITLE Petroleum Engineer DATE 10/17/95

CONDITIONS OF APPROVAL, IF ANY:

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

ANETH UNIT No. J230

PROPOSED SIDETRACK COMPLETION



ANETH UNIT J-230
HORIZONTAL DUAL LATERAL REENTRY
OCTOBER 9, 1995

The subject well is an producing well. The well is to be reentered and dual horizontal laterals are to be drilled in the Desert Creek formation. The existing perforations will be squeezed and a 40' section will be milled in the casing. Short radius horizontal laterals will be drilled in the southeast and northwest directions. The well will be acidized using coiled tubing and then production tested.

WELL PREPARATION:

1) MIRUSU. Pull and LD rods. Nipple up 3M BOPE.

2) Kill well with produced water.

3) TOH and lay down 2-7/8" production tubing.

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

5) TOH.

SQUEEZE EXISTING PERFORATIONS:

6) TIH with HOWCO "EZSV" cement retainer on tubing and set at 5450' (above perfs)

7) Space out tubing in neutral position and test tubing to 3000 psi. Rig up squeeze manifold. Establish rate into perforations (2 BPM), note pump in pressure. Pressure up annulus to 500 psi., monitor casing during job.

8) Cement squeeze with 100 sx Class "G" with 0.4% D156 (fluid loss) and 0.15% D65 (dispersant) to obtain a fluid loss of 200-300 cc/30 min. (determine by lab testing) followed by 50 sx of Class "G" neat (15.8 ppg). Minimum pump time of 150 minutes at 130°F.

9) Spot cement to end of tubing. Sting into retainer. When cement reaches perfs, slow rate to < 1/2 BPM (maximum squeeze pressure = 3000 psi.). Displace cement to retainer.

10) Pull out of retainer, reverse out cement and check for flow. Pull tubing to 3000' and shut in for a minimum of 24 hours. TOH with tubing.

11) TIH with 4-3/4" bit, drill collars and tubing and clean out to top of retainer at 5450'. Circulate hole clean.

Aneth Unit #J-230
Horizontal Dual Lateral Reentry
San Juan County, Utah
Drilling & Completion Procedure

MILL 5-1/2" CASING

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

MUD:	Starch/Polymer
Volume:	(5750' * .0238 bbl/ft = 135 bbls + 200 bbls for pit = 335 bbls)
Weight:	9.4
Funnel Visc.:	75-80

13) If casing collar log is not available in Area, Run GR-CCL to determine position of collars. (Window may be moved +/- 10 to avoid milling a casing collar).

14) TIH with mill for 5-1/2" casing on 2 7/8" workstring. Mill 40' section of casing from +/- 5387' - 5427'. Place ditch magnets in return lines to catch metal cuttings. Any time trip is made, make sure the hole is clean and the blades are retracted.

15) TOH with mill.

SPOT KICK OFF PLUG:

16) TIH with diverter tool and +/- 300' 2 3/8" (2 1/16" if available) on 2 7/8" work string to PBTD of 5450'. Circulate Starch/Polymer mud out of hole. Pull up hole so diverter tool is across milled section and wash section with chemical wash. TIH to PBTD.

17) Spot 50 sx Class "G" mixed at 17.5 PPG from 5450' to +/- 5187' (200' above window). Batch mix cement. Pull out of cement plug slow to approximately 4000'. Shut in for 24 hours minimum. TOH with tubing.

18) TIH with 4-3/4" bit and dress off cement to the KOP at 5397'. TOH with 4-3/4" bit. Cement must drill 1.5-2 min/ft with 10 pts and 50 RPM to insure the plug is hard enough for kickoff.

19) Circulate hole clean.

DRILL SE LATERAL:

(Rig up mudloggers at beginning of curve)

20) Displace hole with 9.0 ppg lease water. TOH with bit.

21) Pick up kick-off motor and test on surface. TIH with kick-off BHA as follows:

    4 3/4" bit.
    Kick-off motor (with bent sub)
    Float/ orientation sub.
    1 jts 2 7/8" flexible monel collars.
    Enough P-110, BTS tubing to reach from KOP to end of lateral.
    Drill collars
    2 7/8" AOH DP. to surface.

22) TIH to KOP (5397'). Run GYRO and Orient motor to **135°** direction. Break circulation and establish off bottom pressure at operating flow rates.

23) Slowly lower motor to bottom, adjusting toolface as necessary to compensate for reactive torque. Drill approximately 20' of build section with kick-off motor. TOH with kick-off motor and lay down. Pick up build motor (3 articulations) and TIH. Continue drilling curve while maintaining proper toolface orientation. Drill curve section to target depth of 5477' TVD for start of lateral. Planned build rate is 72°/100' and radius of 80'.

24) Circulate hole clean. TOH with curve motor.

25) TIH with lateral motor BHA. (Same as step 21 but motor has lower build rate.)

26) Drill the horizontal lateral (993') adjusting tool face as needed to the target. The end of the horizontal target depth is 5560' TVD. There is a window around the target line which the well path is to stay within. (**see attached well plan for well path and hardlines**). 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.

27) At TD circulate hole clean and TOH to 5450'MD (43' below planned KOP of NW lateral and spot a viscous pill (200+ sec/qt).

Aneth Unit #J-230
Horizontal Dual Lateral Reentry
San Juan County, Utah
Drilling & Completion Procedure

DRILL NW LATERAL:

28) TOH to KOP (5407') with **kickoff motor assembly**. Run GYRO and Orient motor to **315°** direction. Continue drilling curve while maintaining proper toolface orientation. Drill curve section to target depth of 5477' TVD for start of lateral.

29) Drill the horizontal lateral (933') adjusting tool face as needed to the target. The end of the horizontal target depth is 5560' TVD. There is a window around the target line which the well path is to stay within. (**see attached well plan for well path and hardlines**.)

30) At TD circulate hole clean with water. Clean out the SE lateral. Confirm the workstring is in each lateral by TD measurement. Release directional equipment.

COMPLETION:

31) TIH with muleshoe, bent sub, orienting sub, 6 jts P-110 tbg on 2-7/8" tubing **(Do not run a packer)**. TIH to KOP. Run P-110 tbg to the end of the curve section. It does not matter which lateral the tubing is in.

32) Rig up coiled tubing unit. TIH with "PERFCLEAN" jetting sub on 1-1/2" coiled tubing to TD. **Confirm which lateral the coiled tubing is in by TD.**

33) Wash 1st lateral open hole with 10 gallons/ft 15% NEFE. Rate 1 BPM. POH with coiled tubing while acidizing so entire open hole is stimulated (3 or 4 passes may be necessary to pump all the acid).

34) Displace acid to the end of the tubing. SI for 15 min.

35) TOH with coiled tubing.

36) Pull workstring up into casing.

37) Repeat steps #31-36 for the **remaining lateral**.

38) Flow well until dead. TOH with work string.

39) TIH with production equipment and test well as needed.

Operator: Texaco Exploration & Production, Inc
Well Name & Number: Aneth Unit J230
API Number: 43-037-30240
Lease: Indian I-149-IND-8839 A
Location: SW NW **Sec.** 30 **T.** 40 S. **R.** 25 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 dated October 9, 1995 and Sundry Notice dated November 3, 1995.

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

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

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

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
NOV 06 1995
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.

5. Lease Designation and Serial No.
I-149-IND-8839 A

6. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

7. If Unit or CA, Agreement Designation
ANETH UNIT

SUBMIT IN TRIPLICATE

1. Type of Well: ☒ OIL WELL ☐ GAS WELL ☐ OTHER

8. Well Name and Number
ANETH UNIT
J230

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.
4303730240

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter E : 1980 Feet From The NORTH Line and 660 Feet From The WEST Line Section 30 Township T40S Range R25E

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
	☐ Altering 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 SIDETRACK AND DRILL SIX HORIZONTAL SECTIONS INTO THE DESERT CREEK FORMATION IN THE SUBJECT WELL.

THE PROPOSED BOTTOM HOLE LOCATIONS WILL BE AS FOLLOWS:

SOUTHEAST SECTION: LATERAL #1: 2639' FNL & 1319' FWL of SEC. 30, T40S, R25E
LATERAL #2: 2588' FNL & 1268' FWL of SEC. 30, T40S, R25E
LATERAL #3: 2609' FNL & 1289' FWL of SEC. 30, T40S, R25E

NORTHWEST SECTION: LATERAL #4: 1321' FNL & 1' FWL of SEC. 30, T40S, R25E
LATERAL #5: 1372' FNL & 52' FWL of SEC. 30, T40S, R25E
LATERAL #6: 1351' FNL & 31' FWL of SEC. 30, T40S, R25E

PLEASE SEE ATTACHED WORKOVER PROCEDURE AND WELLBORE DIAGRAMS.

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 11/3/95

TYPE OR PRINT NAME Rached Hindi

(This space for Federal or State office use)

APPROVED [illegible] TITLE Petroleum Engineer DATE 11/7/95

CONDITIONS OF APPROVAL, IF ANY:

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

ANETH UNIT J-230
HORIZONTAL SIX LATERAL REENTRY
REVISED NOVEMBER 2, 1995

The subject well is an producing well. The well is to be reentered and six horizontal laterals are to be drilled in the Desert Creek formation. The existing perforations will be squeezed and a 40' section will be milled in the casing. Six short radius horizontal laterals will be drilled in the southeast and northwest directions.

WELL PREPARATION:

1) MIRUSU. Pull and LD rods. Nipple up 3M BOPE.

2) Kill well with produced water.

3) TOH and lay down 2-7/8" production tubing.

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

5) TOH.

SQUEEZE EXISTING PERFORATIONS:

6) TIH with HOWCO "EZSV" cement retainer on tubing and set at 5450' (above perfs)

7) Space out tubing in neutral position and test tubing to 3000 psi. Rig up squeeze manifold. Establish rate into perforations (2 BPM), note pump in pressure. Pressure up annulus to 500 psi., monitor casing during job.

8) Cement squeeze with 100 sx Class "G" with 0.4% D156 (fluid loss) and 0.15% D65 (dispersant) to obtain a fluid loss of 200-300 cc/30 min. (determine by lab testing) followed by 50 sx of Class "G" neat (15.8 ppg). Minimum pump time of 150 minutes at 130°F.

9) Spot cement to end of tubing. Sting into retainer. When cement reaches perfs, slow rate to < 1/2 BPM (maximum squeeze pressure = 3000 psi.). Displace cement to retainer.

10) Pull out of retainer, reverse out cement and check for flow. Pull tubing to 3000' and shut in for a minimum of 24 hours. TOH with tubing.

Aneth Unit #J-230
Horizontal Six Lateral Reentry
San Juan County, Utah
Drilling Procedure

11) TIH with 4-3/4" bit, drill collars and tubing and clean out to top of retainer at 5450'. Circulate hole clean.

MILL 5-1/2" CASING

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

MUD:	Starch/Polymer
Volume:	(5750' * .0238 bbl/ft = 135 bbls + 200 bbls for pit = 335 bbls)
Weight:	9.4
Funnel Visc.:	75-80

13) If casing collar log is not available in Area, Run GR-CCL to determine position of collars. (Window may be moved +/- 10 to avoid milling a casing collar).

14) TIH with mill for 5-1/2" casing on 2 7/8" workstring. Mill 40' section of casing from +/- 5387' - 5427'. Place ditch magnets in return lines to catch metal cuttings. Any time trip is made, make sure the hole is clean and the blades are retracted.

15) TOH with mill.

SPOT KICK OFF PLUG:

16) TIH with diverter tool and +/- 300' 2 3/8" (2 1/16" if available) on 2 7/8" work string to PBTD of 5450'. Circulate Starch/Polymer mud out of hole. Pull up hole so diverter tool is across milled section and wash section with chemical wash. TIH to PBTD.

17) Spot 50 sx Class "G" mixed at 17.5 PPG from 5450' to +/- 5187' (200' above window). Batch mix cement. Pull out of cement plug slow to approximately 4000'. Shut in for 24 hours minimum. TOH with tubing.

18) TIH with 4-3/4" bit and dress off cement to the KOP at 5397'. TOH with 4-3/4" bit. Cement must drill 1.5-2 min/ft with 10 pts and 50 RPM to insure the plug is hard enough for kickoff.

19) Circulate hole clean.

Aneth Unit #J-230
Horizontal Six Lateral Reentry
San Juan County, Utah
Drilling Procedure

DRILL LATERAL #1 (TOP SE):

(Rig up mudloggers at beginning of curve)

20) Displace hole with 9.0 ppg lease water. TOH with bit.

21) Pick up kick-off motor and test on surface. TIH with kick-off BHA as follows:

4 3/4" bit.
Kick-off motor (with bent sub)
Float/ orientation sub.
1 jts 2 7/8" flexible monel collars.
Enough P-110, BTS tubing to reach from KOP to end of lateral.
Drill collars
2 7/8" AOH DP. to surface.

22) TIH to KOP (5397'). Run GYRO and Orient motor to **135°** direction. Break circulation and establish off bottom pressure at operating flow rates.

23) Slowly lower motor to bottom, adjusting toolface as necessary to compensate for reactive torque. Drill approximately 20' of build section with kick-off motor. TOH with kick-off motor and lay down. Pick up build motor (3 articulations) and TIH. Continue drilling curve while maintaining proper toolface orientation. Drill curve section to target depth of 5477' TVD for start of lateral. Planned build rate is 72°/100' and radius of 80'.

24) Circulate hole clean. TOH with curve motor.

25) TIH with lateral motor BHA. (Same as step 21 but motor has lower build rate.)

26) Drill the horizontal lateral (993') adjusting tool face as needed to the target. The end of the horizontal target depth is 5471' 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.

27) At TD circulate hole clean and TOH to approximately 45° for KOP of lateral #2.

Aneth Unit #J-230
Horizontal Six Lateral Reentry
San Juan County, Utah
Drilling Procedure

DRILL LATERAL #2 (MIDDLE SE) AND LATERAL #3 (BOTTOM SE):

28) Repeat steps #21- #26 to drill laterals #2 and #3 as follows:

	Lateral #2	Lateral #3
Lateral Length	860'	890'
Lateral Direction	135°	135°
Beginning Target Depth	5511' TVD	5537' TVD
Ending Target Depth	5500' TVD	5540' TVD

DRILL LATERAL #4 (TOP NW):

29) TIH to KOP (5407') with **kickoff motor assembly**. Run GYRO and Orient motor to **315°** direction. Continue drilling curve while maintaining proper toolface orientation. Drill curve section to target depth of 5477' TVD for start of lateral.

30) Drill the horizontal lateral (933'*) adjusting tool face as needed to the target. The end of the horizontal target depth is 5485' TVD. There is a window around the target line which the well path is to stay within.

31) At TD circulate hole clean with water and TOH to approximately 45° for KOP of lateral #5.

DRILL LATERAL #5 (MIDDLE NW) AND LATERAL #6 (BOTTOM NW):

32) Repeat steps #29- #30 to drill laterals #5 and #6 as follows:

	Lateral #5	Lateral #6
Lateral Length	860'*	890'*
Lateral Direction	315°	315°
Beginning Target Depth	5511' TVD	5537' TVD
Ending Target Depth	5500' TVD	5540' TVD

* The lengths of the NW laterals are to be slightly changed to differentiate from the SE laterals.

33) Clean out each lateral with water. Confirm the workstring is in each lateral by TD measurement. Release directional equipment.

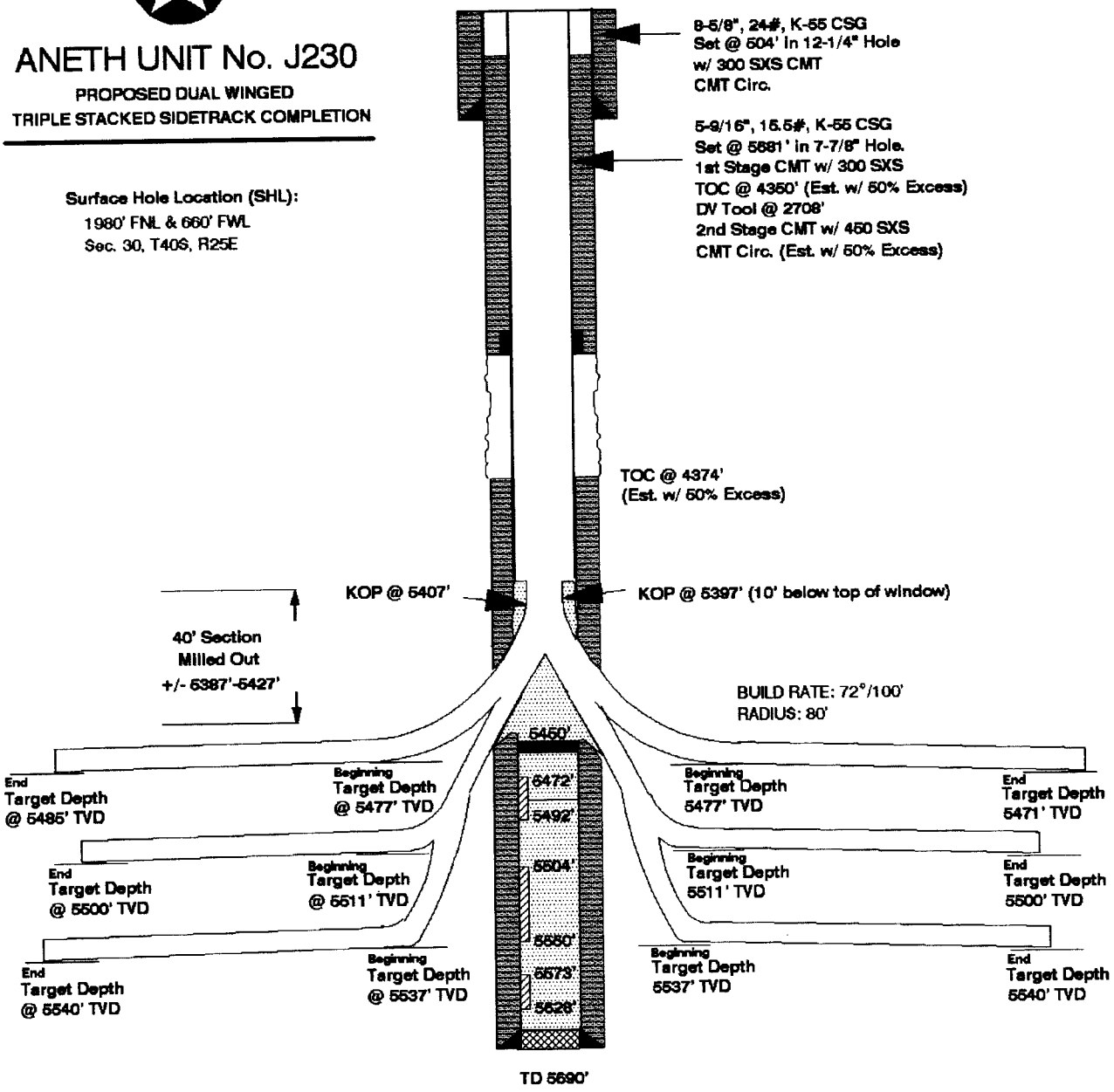
34) Subsequent completion program to be issued.

11/02/95

ANETH UNIT No. J230

PROPOSED DUAL WINGED
TRIPLE STACKED SIDETRACK COMPLETION

Surface Hole Location (SHL):
1980' FNL & 660' FWL
Sec. 30, T40S, R25E



NORTHWEST LATERAL DIRECTION 315 °

TOP NW LATERAL (LEG #4)
933' Horizontal Section
BHL is 1321' FNL & 1' FWL of Sec. 30

MID NW LATERAL (LEG #5)
860' Horizontal Section
BHL is 1372' FNL & 52' FWL of Sec. 30

BOTTOM NW LATERAL (LEG #6)
890' Horizontal Section
BHL is 1351' FNL & 31' FWL of Sec. 30

SOUTHEAST LATERAL DIRECTION 135 °

TOP SE LATERAL (LEG #1)
993' Horizontal Section
BHL is 2639' FNL & 1319' FWL of Sec. 30

MID SE LATERAL (LEG #2)
860' Horizontal Section
BHL is 2588' FNL & 1268' FWL of Sec. 30

BOTTOM SE LATERAL (LEG #3)
890' Horizontal Section
BHL is 2609' FNL & 1289' of Sec. 30

43-037-30990

10/06/95

ANETH UNIT No. J230

CURRENT COMPLETION

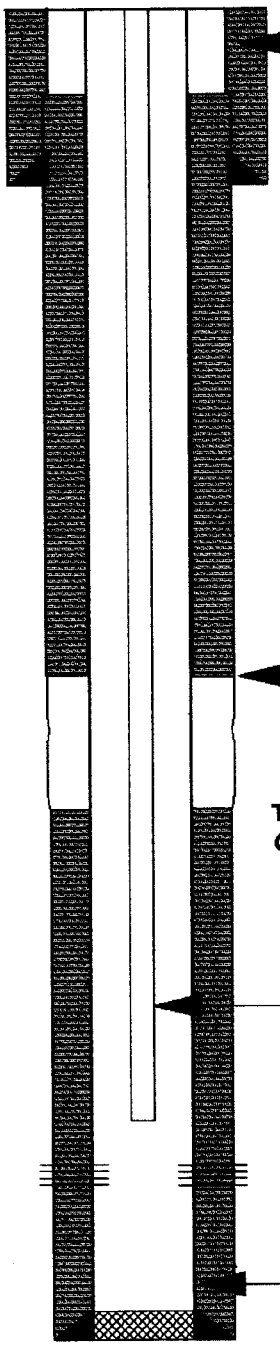
LOCATION:
1980' FNL & 660' FWL
SW/NW, Sec. 30, T40S, R25E
San Juan County, Utah

ELEVATION: 4688' KB

SPUD DATE: 11/19/75
COMPL. DATE: 12/27/75

FORMATION TOPS:

DeChelly 2590'
Hermosa 4660'
Ismay 5318'
D. C. 5472'



8-5/8", 24#, K-55 CSG
Set @ 504' in 12-1/4" Hole
w/ 300 SXS CMT
CMT Circ.

DV TOOL @ 2708'
w/ 450 SXS CMT (2nd Stage)
TOC @ 250' (2nd Stage)
Calc. w/ 50% excess

TOC @ 4350' (1st Stage)
Calc. w/ 50% excess

2-7/8" TBG, Set @ 5587'

5-9/16", 14 & 15.5#, J-55 CSG
Set @ 5681' in 7-7/8" Hole
w/ 300 SXS CMT (1st Stage)

DESERT CREEK PERFS:

12/27/75. 5504'-16', 5534'-40',
5544'-50', 5472'-92'
w/ 2 JSPF

Acidized 5504'-50' w/ 2700 Gal. Acid
Acidized 5472'-92' w/ 2500 Gal. Acid

3/15/93. 5573'-80',5584'-86',
5595'-5603', 5609'-28'
w/ 2 JSPF

Acidized 5573'-5628' w/ 2750 Gal. Acid

PBTD 5642'
TD 5690'

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/13/95

API NO. ASSIGNED: 43-037-30240

WELL NAME: ANETH UNIT J230 (MULTI-LEG)
OPERATOR: TEXACO EXPL & PROD INC (N5700)

PROPOSED LOCATION:
SWNW 30 - T40S - R25E
SURFACE: 1980-FNL-0660-FWL
BOTTOM: 1320-FNL-0001-FWL
SAN JUAN COUNTY
GREATER ANETH FIELD (365)

LEASE TYPE: IND
LEASE NUMBER: I-149-IND-8839

PROPOSED PRODUCING FORMATION: DSCR

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

RECEIVED AND/OR REVIEWED:

___ Plat
___ Bond: Federal[] State[] Fee[]
(Number _____)
___ Potash (Y/N)
___ Oil shale (Y/N)
___ Water permit
(Number _____)
___ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

X R649-2-3. Unit: _____

___ R649-3-2. General.

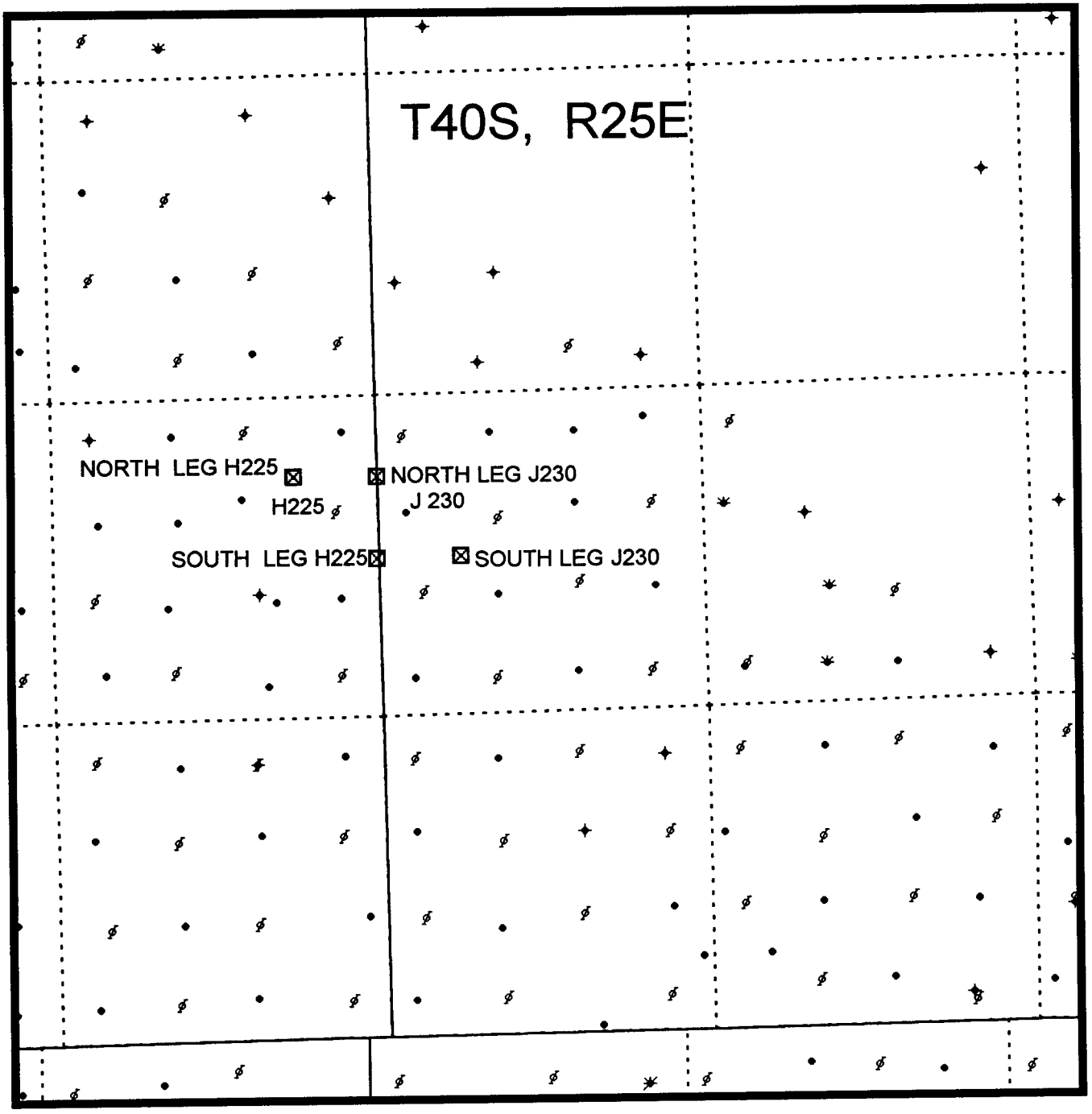
___ R649-3-3. Exception.

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

COMMENTS: APD dated 10/9/95 - propose to drill two horiz. legs.
Sundry notice dated 11/3/95 - propose to drill Six horiz. legs.

STIPULATIONS: _____

TEXACO EXPL. & PROD. INC.
GREATER ANETH UNIT
ANETH FIELD, SAN COUNTY
UNIT SPACING



SPACING ORDER
CAUSE No.: 17
DATE APPROVED: 2/24/60

PREPARED:
DATE: 10/16/9

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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

November 7, 1995

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

Re: Aneth Unit J230 Well, 1980' FNL, 660' FWL, SW NW, Sec. 30, T. 40 S., R. 25 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 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 43-037-30240.

Sincerely,

R. J. Firth
Associate Director

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

Form 3160-5
(June 1990)

RECEIVED
MAY 28 1996
DIV. OF OIL, GAS & MINING

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-8839 A

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 J230

9. API Well No. 4303730240

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 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter E : 1980 Feet From The NORTH Line and 660 Feet From The WEST Line Section 30 Township T40S Range R25E

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: 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. HAS COMPLETED DRILLING SIX HORIZONTAL SECTIONS IN THE SUBJECT WELLBORE.

10/26-11/12/96. MIRU. SET CMT RETAINER @ 5456' AND SQUEEZED PERFS 5472'-5628' W/ 100 SKS. MILLED CASING WINDOW 5387'-5427'. SPOTTED 50 SKS CMT ACROSS MILLED SECTION. PLUG @ 5427'-5164'. DRILLED OUT PLUG AND CLEANED TO 5427'. SET CMT RETAINER @ 5305' AND SQUEEZED WINDOW 5387'-5427'. CLEANED OUT TO 5425' W/ BIT. TIH W/ WORKSTRING TO 5424' AND SPOTTED 50 SKS CMT. TAGGED CMT @ 5118' AND DRILLED OUT TO KOP @ 5398'.

THE BOTTOM HOLE LOCATIONS ARE AS FOLLOWS:

SOUTHEAST SECTION:
LATERAL #1: 5398'-6435'(MD), (TVD=5468'), BHL: 2640' FNL & 1319' FWL of SEC. 30, T40S, R25E
LATERAL #2: 5550'-6373'(MD), (TVD=5504'), BHL: 2588' FNL & 1269' FWL of SEC. 30, T40S, R25E
LATERAL #3: 5527'-6408'(MD), (TVD=5529'), BHL: 2611' FNL & 1287' FWL of SEC. 30, T40S, R25E

NORTHWEST SECTION:
LATERAL #4: 5411'-6353'(MD), (TVD=5477'), BHL: 1324' FNL & 1' FWL of SEC. 30, T40S, R25E
LATERAL #5: 5500'-6303'(MD), (TVD=5503'), BHL: 1371' FNL & 51' FWL of SEC. 30, T40S. R25E
LATERAL #6: 5566'-6318'(MD), (TVD=5529'), BHL: 1349' FNL & 32' FWL of SEC. 30, T40S, R25E

2/16/96. INSTALLED ELECTRIC SUBMERSIBLE PUMP AND PUT ON PRODUCTION TEST.

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 5/17/96

TYPE OR PRINT NAME Ted A. Tipton

(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.

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 [X] GAS WELL [ ] DRY [ ] OTHER

1b. Type of Completion: NEW WELL [ ] WORK OVER [X] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER SIDETRACK

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 E : 1980 Feet From The NORTH Line and 660 Feet From The WEST Line
At proposed prod. zone

At Total Depth 1st LATERAL
2640' FNL & 1319' FWL, SEC. 30 T40S/R24E

5. Lease Designation and Serial No.: I-149-IND-8839 A

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 J230

9. API Well No.: 4303730240

10. Field and Pool, Exploaratory Area: DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area: Sec. 30, Township T40S, Range R25E

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
11/19/75	12/7/75	2/27/96	4680' GR	4688' KB

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
6435'(MD), 5468'(TVD)	6435'(MD), 5468'(TVD)			5398'-6435'	NO

24. Producing Interval(s), Of This Completion -- Top, Bottom, Name (MD and TVD)*
1ST LATERAL, SE DIRECTION: 5398'(KOP) - 6435'(MD)

25. Was Directional Survey Made: YES

26. Type Electric and Other Logs Run
FINDER GYRO

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
8-5/8"	28.0#	504'	12-1/47"	300 SKS	CIRC.
5-1/2"	15.5#	5681'	7-7/8"	300 SKS	TOC=4350
DV TOOL		2780'		450 SKS	TOC=250'
					(est.)

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5224'	

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

1ST LATERAL - SOUTHEAST DIRECTION
HORIZONTAL OPEN HOLE: 5398' - 6435'(MD)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5642'-5398'	CMT PLUG FROM PBTD TO KOP
5628'-5472'	SQZ OLD PERFS W/ 150 SKS CMT

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - size and type pump)	Well Status (Prod. or Shut-in)
2/27/96	PUMPING (144 HP ESP PUMP)	PRODUCING

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/96	24			148	51	1277	344

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
--------	--------		148	51	1277	42

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

Test Witnessed By
MIKE LOVE

35. List of Attachments
SUNDRY, DEVIATION REPORT

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 5/20/96

TYPE OR PRINT NAME Ted A. Tipton

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
DeCHELLY	2590'	
HERMOSA	4660'	
ISMAY	5318'	
DESERT CREEK	5472'	

RECEIVED
MAY 2 0 1996
DIV. OF OIL, GAS & MINING

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #1
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	-53.38	0.58	S 26.8 E
1	5398	2.1	147.1	5396.43	-0.95	-76.15	-53.17	14.50	S 32.9 E
2	5400	2.8	147.0	5398.43	-1.02	-76.10	-53.09	35.00	S 33.0 E
3	5402	4.1	149.6	5400.42	-1.13	-76.04	-52.97	65.45	S 30.4 E
4	5404	5.1	150.4	5402.42	-1.27	-75.96	-52.82	50.10	S 29.6 E
5	5406	6.7	150.9	5404.40	-1.44	-75.86	-52.62	80.04	S 29.1 E
6	5408	8.1	150.5	5406.39	-1.67	-75.73	-52.37	70.05	S 29.5 E
7	5410	10.0	148.8	5408.36	-1.94	-75.57	-52.07	95.93	S 31.2 E
8	5412	11.7	148.2	5410.33	-2.26	-75.38	-51.70	85.19	S 31.8 E
9	5414	13.2	148.0	5412.28	-2.63	-75.15	-51.28	75.03	S 32.0 E
10	5416	14.8	147.5	5414.22	-3.04	-74.89	-50.81	80.23	S 32.5 E
11	5418	16.5	147.0	5416.15	-3.49	-74.60	-50.28	85.27	S 33.0 E
12	5420	17.8	146.7	5418.06	-3.98	-74.28	-49.70	65.15	S 33.3 E
13	5422	19.7	147.4	5419.95	-4.52	-73.93	-49.08	95.66	S 32.6 E
14	5424	21.2	148.4	5421.82	-5.12	-73.56	-48.40	77.01	S 31.6 E
15	5426	22.7	149.4	5423.68	-5.76	-73.17	-47.67	77.29	S 30.6 E
16	5428	24.1	152.3	5425.52	-6.45	-72.78	-46.91	90.62	S 27.7 E
17	5430	25.8	153.5	5427.33	-7.20	-72.40	-46.10	88.68	S 26.5 E
18	5432	27.3	153.0	5429.12	-8.00	-72.00	-45.25	75.83	S 27.0 E
19	5434	28.8	151.3	5430.88	-8.83	-71.56	-44.36	84.98	S 28.7 E
20	5436	30.4	148.5	5432.62	-9.68	-71.06	-43.40	105.73	S 31.5 E
21	5438	31.9	146.1	5434.33	-10.55	-70.50	-42.39	97.34	S 33.9 E
22	5440	33.3	143.6	5436.02	-11.44	-69.88	-41.33	97.12	S 36.4 E
23	5442	34.8	141.6	5437.68	-12.32	-69.20	-40.22	93.59	S 38.4 E
24	5444	36.3	139.4	5439.30	-13.22	-68.46	-39.06	98.56	S 40.6 E
25	5446	37.9	137.4	5440.90	-14.12	-67.66	-37.86	100.18	S 42.6 E
26	5448	39.4	135.7	5442.46	-15.03	-66.80	-36.61	91.88	S 44.3 E
27	5450	40.9	134.1	5443.99	-15.94	-65.89	-35.32	91.02	S 45.9 E
28	5452	42.4	132.7	5445.48	-16.85	-64.92	-33.99	88.25	S 47.3 E
29	5454	43.9	131.3	5446.94	-17.77	-63.91	-32.63	88.97	S 48.7 E
30	5456	45.2	130.1	5448.37	-18.68	-62.84	-31.23	77.44	S 49.9 E
31	5458	46.8	128.9	5449.76	-19.60	-61.73	-29.79	90.90	S 51.1 E
32	5460	48.4	127.6	5451.11	-20.51	-60.57	-28.33	93.29	S 52.4 E
33	5462	50.1	126.6	5452.41	-21.42	-59.36	-26.83	93.06	S 53.4 E
34	5464	51.6	125.6	5453.67	-22.34	-58.11	-25.29	84.43	S 54.4 E
35	5466	53.1	124.7	5454.90	-23.25	-56.82	-23.73	83.03	S 55.3 E
36	5468	54.8	124.3	5456.07	-24.17	-55.48	-22.14	86.52	S 55.7 E
37	5470	55.1	125.0	5457.22	-25.10	-54.14	-20.53	32.34	S 55.0 E
38	5472	55.5	125.7	5458.36	-26.05	-52.80	-18.91	35.04	S 54.3 E
39	5474	55.8	125.7	5459.49	-27.01	-51.45	-17.28	15.00	S 54.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #1
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	56.4	125.4	5460.60	-27.98	-50.10	-15.65	32.48	S 54.6 E
41	5478	56.9	125.4	5461.70	-28.94	-48.74	-14.00	25.00	S 54.6 E
42	5480	57.5	125.5	5462.79	-29.92	-47.37	-12.34	30.29	S 54.5 E
43	5482	58.0	125.5	5463.85	-30.90	-46.00	-10.67	25.00	S 54.5 E
44	5484	58.4	125.6	5464.91	-31.89	-44.61	-9.00	20.45	S 54.4 E
45	5486	58.7	125.6	5465.95	-32.88	-43.23	-7.31	15.00	S 54.4 E
46	5488	59.2	125.6	5466.98	-33.88	-41.83	-5.62	25.00	S 54.4 E
47	5490	59.5	125.8	5468.00	-34.88	-40.44	-3.92	17.29	S 54.2 E
48	5492	59.9	125.7	5469.01	-35.89	-39.03	-2.22	20.46	S 54.3 E
49	5494	60.3	125.9	5470.01	-36.91	-37.63	-0.51	21.80	S 54.1 E
50	5496	60.6	124.2	5470.99	-37.91	-36.20	1.20	75.45	S 55.8 E
51	5498	61.0	124.4	5471.97	-38.89	-34.76	2.92	21.82	S 55.6 E
52	5500	61.5	124.5	5472.93	-39.88	-33.31	4.64	25.38	S 55.5 E
53	5502	61.9	124.5	5473.88	-40.88	-31.86	6.38	20.00	S 55.5 E
54	5504	62.4	124.8	5474.81	-41.89	-30.41	8.12	28.30	S 55.2 E
55	5506	63.1	124.9	5475.73	-42.90	-28.95	9.87	35.28	S 55.1 E
56	5508	63.7	125.0	5476.63	-43.93	-27.48	11.63	30.33	S 55.0 E
57	5510	64.2	125.2	5477.50	-44.96	-26.01	13.40	26.57	S 54.8 E
58	5512	65.1	125.4	5478.36	-46.00	-24.54	15.18	45.90	S 54.6 E
59	5514	66.2	125.6	5479.18	-47.06	-23.06	16.97	55.75	S 54.4 E
60	5516	67.5	125.8	5479.97	-48.13	-21.56	18.79	65.65	S 54.2 E
61	5518	68.8	126.1	5480.72	-49.22	-20.06	20.62	66.47	S 53.9 E
62	5520	70.4	126.2	5481.41	-50.33	-18.55	22.48	80.14	S 53.8 E
63	5522	72.2	126.4	5482.05	-51.45	-17.02	24.35	90.50	S 53.6 E
64	5524	73.9	126.4	5482.64	-52.59	-15.48	26.24	85.00	S 53.6 E
65	5526	75.4	126.5	5483.17	-53.73	-13.93	28.15	75.15	S 53.5 E
66	5528	76.9	126.6	5483.65	-54.89	-12.37	30.07	75.16	S 53.4 E
67	5530	78.5	127.5	5484.07	-56.07	-10.81	32.00	91.29	S 52.5 E
68	5532	80.0	127.6	5484.44	-57.26	-9.25	33.95	75.16	S 52.4 E
69	5534	81.6	128.4	5484.76	-58.48	-7.70	35.91	89.21	S 51.6 E
70	5536	84.3	127.7	5485.01	-59.70	-6.13	37.88	139.40	S 52.3 E
71	5538	86.5	127.4	5485.17	-60.92	-4.55	39.86	111.01	S 52.6 E
72	5540	88.5	127.3	5485.26	-62.13	-2.96	41.84	100.12	S 52.7 E
73	5542	88.7	127.2	5485.31	-63.34	-1.37	43.82	11.18	S 52.8 E
74	5544	90.8	128.2	5485.31	-64.56	0.21	45.80	116.30	S 51.8 E
75	5546	92.2	128.2	5485.26	-65.80	1.78	47.79	70.00	S 51.8 E
76	5548	93.2	130.2	5485.17	-67.06	3.33	49.77	111.70	S 49.8 E
77	5550	94.0	130.8	5485.04	-68.36	4.85	51.76	49.96	S 49.2 E
78	5552	94.4	131.5	5484.90	-69.67	6.35	53.75	40.23	S 48.5 E
79	5554	95.0	132.2	5484.73	-71.00	7.83	55.74	46.01	S 47.8 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #1
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5556	95.3	132.6	5484.55	-72.34	9.30	57.73	24.94	S 47.4 E
81	5558	96.0	134.7	5484.36	-73.72	10.74	59.72	110.20	S 45.3 E
82	5560	96.2	135.4	5484.14	-75.13	12.15	61.71	36.21	S 44.6 E
83	5570	97.6	138.0	5482.94	-82.35	18.96	71.63	29.36	S 42.0 E
84	5580	98.3	139.3	5481.56	-89.78	25.50	81.52	14.65	S 40.7 E
85	5590	98.2	138.6	5480.12	-97.25	32.00	91.39	7.00	S 41.4 E
86	5600	97.5	138.5	5478.76	-104.67	38.56	101.28	7.07	S 41.5 E
87	5610	95.8	137.7	5477.60	-112.06	45.19	111.20	18.77	S 42.3 E
88	5620	95.3	136.8	5476.63	-119.37	51.95	121.14	10.26	S 43.2 E
89	5630	95.4	136.7	5475.70	-126.63	58.77	131.09	1.41	S 43.3 E
90	5640	94.8	136.3	5474.81	-133.85	65.63	141.05	7.20	S 43.7 E
91	5650	94.2	136.2	5474.03	-141.05	72.52	151.02	6.08	S 43.8 E
92	5660	93.5	138.5	5473.36	-148.39	79.28	160.99	23.99	S 41.5 E
93	5670	93.4	138.0	5472.75	-155.84	85.92	170.95	5.09	S 42.0 E
94	5680	93.4	137.5	5472.16	-163.23	92.64	180.92	4.99	S 42.5 E
95	5690	94.1	135.1	5471.51	-170.44	99.53	190.90	24.95	S 44.9 E
96	5700	93.9	134.8	5470.81	-177.49	106.59	200.87	3.60	S 45.2 E
97	5710	93.3	134.4	5470.18	-184.49	113.70	210.85	7.21	S 45.6 E
98	5720	92.6	136.3	5469.67	-191.60	120.71	220.84	20.22	S 43.7 E
99	5730	92.4	136.0	5469.23	-198.80	127.64	230.83	3.60	S 44.0 E
100	5740	92.1	135.9	5468.84	-205.99	134.58	240.82	3.16	S 44.1 E
101	5750	91.9	135.4	5468.49	-213.13	141.57	250.81	5.38	S 44.6 E
102	5760	91.8	135.7	5468.17	-220.27	148.57	260.81	3.16	S 44.3 E
103	5770	91.7	135.8	5467.86	-227.43	155.54	270.80	1.41	S 44.2 E
104	5780	92.1	135.4	5467.53	-234.57	162.54	280.79	5.66	S 44.6 E
105	5790	91.9	135.3	5467.18	-241.68	169.56	290.79	2.24	S 44.7 E
106	5800	91.7	134.8	5466.87	-248.75	176.62	300.78	5.38	S 45.2 E
107	5810	91.7	134.2	5466.57	-255.76	183.75	310.78	6.00	S 45.8 E
108	5820	91.9	134.5	5466.25	-262.74	190.90	320.77	3.60	S 45.5 E
109	5830	91.8	134.4	5465.93	-269.74	198.03	330.77	1.41	S 45.6 E
110	5840	91.2	134.5	5465.67	-276.74	205.17	340.76	6.08	S 45.5 E
111	5850	91.0	134.5	5465.48	-283.75	212.30	350.76	2.00	S 45.5 E
112	5860	90.5	134.3	5465.35	-290.75	219.44	360.76	5.39	S 45.7 E
113	5870	89.9	134.4	5465.31	-297.74	226.59	370.76	6.08	S 45.6 E
114	5880	89.5	134.1	5465.36	-304.72	233.76	380.76	5.00	S 45.9 E
115	5890	88.9	133.1	5465.50	-311.61	241.00	390.75	11.66	S 46.9 E
116	5900	89.6	133.7	5465.63	-318.48	248.26	400.75	9.22	S 46.3 E
117	5910	88.9	131.7	5465.77	-325.26	255.61	410.74	21.19	S 48.3 E
118	5920	88.8	131.2	5465.97	-331.88	263.10	420.72	5.10	S 48.8 E
119	5930	88.1	130.7	5466.24	-338.43	270.65	430.69	8.60	S 49.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #1
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5940	88.1	130.7	5466.57	-344.95	278.23	440.66	0.00	S 49.3 E
121	5950	87.3	130.2	5466.97	-351.43	285.84	450.62	9.43	S 49.8 E
122	5960	87.3	130.2	5467.44	-357.88	293.47	460.57	0.00	S 49.8 E
123	5970	88.0	129.2	5467.85	-364.26	301.15	470.52	12.20	S 50.8 E
124	5980	88.4	129.6	5468.17	-370.60	308.88	480.47	5.66	S 50.4 E
125	5990	88.5	129.5	5468.44	-376.97	316.58	490.42	1.41	S 50.5 E
126	6000	88.3	129.9	5468.71	-383.36	324.27	500.37	4.47	S 50.1 E
127	6010	88.7	129.9	5468.98	-389.77	331.94	510.33	4.00	S 50.1 E
128	6020	88.7	129.9	5469.20	-396.18	339.61	520.28	0.00	S 50.1 E
129	6030	88.4	130.2	5469.46	-402.61	347.27	530.24	4.24	S 49.8 E
130	6040	88.3	131.3	5469.74	-409.14	354.84	540.21	11.04	S 48.7 E
131	6050	91.5	132.3	5469.76	-415.80	362.29	550.20	33.53	S 47.7 E
132	6060	94.3	133.4	5469.26	-422.59	369.61	560.17	30.08	S 46.6 E
133	6070	93.7	133.3	5468.56	-429.44	376.87	570.15	6.08	S 46.7 E
134	6080	92.3	132.8	5468.04	-436.26	384.16	580.13	14.86	S 47.2 E
135	6090	91.9	131.8	5467.67	-442.98	391.56	590.11	10.76	S 48.2 E
136	6100	90.9	131.5	5467.42	-449.63	399.03	600.09	10.44	S 48.5 E
137	6110	90.7	131.7	5467.28	-456.27	406.50	610.07	2.83	S 48.3 E
138	6120	90.6	132.5	5467.17	-462.97	413.92	620.06	8.06	S 47.5 E
139	6130	89.4	132.8	5467.17	-469.74	421.28	630.05	12.37	S 47.2 E
140	6140	88.1	132.7	5467.39	-476.53	428.62	640.04	13.04	S 47.3 E
141	6150	87.5	131.1	5467.77	-483.20	436.06	650.01	17.08	S 48.9 E
142	6160	87.0	129.8	5468.25	-489.68	443.66	659.97	13.91	S 50.2 E
143	6170	87.0	129.4	5468.78	-496.05	451.35	669.91	3.99	S 50.6 E
144	6180	87.6	129.0	5469.25	-502.36	459.09	679.85	7.21	S 51.0 E
145	6190	87.7	128.8	5469.66	-508.64	466.87	689.79	2.23	S 51.2 E
146	6200	87.8	129.2	5470.05	-514.93	474.63	699.72	4.12	S 50.8 E
147	6210	87.6	129.2	5470.45	-521.24	482.38	709.66	2.00	S 50.8 E
148	6220	87.4	129.4	5470.89	-527.57	490.11	719.61	2.83	S 50.6 E
149	6230	87.3	129.5	5471.35	-533.92	497.82	729.55	1.41	S 50.5 E
150	6240	87.2	129.8	5471.83	-540.29	505.51	739.49	3.16	S 50.2 E
151	6250	87.7	129.0	5472.27	-546.63	513.23	749.44	9.43	S 51.0 E
152	6260	88.4	128.0	5472.62	-552.85	521.05	759.36	12.20	S 52.0 E
153	6270	89.0	127.6	5472.84	-558.98	528.95	769.28	7.21	S 52.4 E
154	6280	89.2	127.6	5473.00	-565.08	536.87	779.20	2.00	S 52.4 E
155	6290	89.3	127.4	5473.13	-571.17	544.81	789.11	2.24	S 52.6 E
156	6300	89.4	127.5	5473.24	-577.25	552.75	799.03	1.41	S 52.5 E
157	6310	89.6	127.6	5473.33	-583.34	560.67	808.94	2.24	S 52.4 E
158	6320	89.9	128.2	5473.37	-589.48	568.56	818.86	6.71	S 51.8 E
159	6330	89.9	128.5	5473.39	-595.69	576.41	828.80	3.00	S 51.5 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #1
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	6340	90.9	128.7	5473.32	-601.93	584.22	838.73	10.20	S 51.3 E
161	6350	92.5	128.8	5473.03	-608.18	592.02	848.67	16.03	S 51.2 E
162	6360	93.3	128.8	5472.52	-614.44	599.80	858.60	8.00	S 51.2 E
163	6370	93.3	128.6	5471.94	-620.68	607.59	868.52	2.00	S 51.4 E
164	6380	93.2	127.8	5471.38	-626.86	615.44	878.43	8.05	S 52.2 E
165	6390	93.1	127.4	5470.83	-632.95	623.35	888.34	4.12	S 52.6 E
166	6400	93.0	127.1	5470.30	-638.99	631.30	898.23	3.16	S 52.9 E
167	6410	93.1	127.5	5469.76	-645.05	639.24	908.13	4.12	S 52.5 E
168	6415	93.2	127.5	5469.49	-648.08	643.20	913.08	2.00	S 52.5 E
169	6425	93.4	127.5	5468.91	-654.16	651.12	922.97	2.00	S 52.5 E
170	6435	93.6	127.5	5468.30	-660.24	659.04	932.87	2.00	S 52.5 E

Survey No. 0 is a tie into a SDI Finder Gyro.
Surveys No. 1 - 168 are by Becfield Steering Tool.
Surveys No. 169 & 170 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 932.87 feet
Displacement Bearing: South 44.95° East

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

5. Lease Designation and Serial No.
I-149-IND-8839 A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

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

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

7. If Unit or CA, Agreement Designation
ANETH UNIT

8. Well Name and Number
ANETH UNIT
J230

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.
4303730240

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

10. Field and Pool, Exploaratory Area
DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area
Sec. 30, Township T40S, Range R25E

At Total Depth 2nd LATERAL
2588' FNL & 1269' FWL, SEC. 30 T40S/R24E

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
11/19/75	12/7/75	2/27/96	4680' GR	4688' KB

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
6373'(MD), 5504'(TVD)	6373'(MD), 5504'(TVD)			5550'-6373'	NO

24. Producing Interval(s), Of This Completion -- Top, Bottom, Name (MD and TVD)*
2ND LATERAL, SE DIRECTION: 5550'(KOP) - 6373'(MD)

25. Was Directional Survey Made
YES

26. Type Electric and Other Logs Run
FINDER GYRO

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
8-5/8"	28.0#	504'	12-1/47"	300 SKS	CIRC.
5-1/2"	15.5#	5681'	7-7/8"	300 SKS	TOC=4350
DV TOOL		2780'		450 SKS	TOC=250'
					(est.)

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5224'	

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

2ND LATERAL - SOUTHEAST DIRECTION
HORIZONTAL OPEN HOLE: 5550' - 6373' (MD)

RECEIVED
MAY 2 8 1996
DIV. OF OIL, GAS & MINING

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5642'-5398'	CMT PLUG FROM PBTD TO KOP
5628'-5472'	SQZ OLD PERFS W/ 150 SKS CMT

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - size and type pump)	Well Status (Prod. or Shut-in)
2/27/96	PUMPING (144 HP ESP PUMP)	PRODUCING

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/96	24			148	51	1277	344

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
--------	--------		148	51	1277	42

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

Test Witnessed By
MIKE LOVE

35. List of Attachments
SUNDRY, DEVIATION REPORT

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 5/20/96

TYPE OR PRINT NAME Ted A. Tipton

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	TOP TRUE VERT. DEPTH
DeCHELLY	2590'	
HERMOSA	4660'	
ISMAY	5318'	
DESERT CREEK	5472'	

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	-53.38	0.58	S 26.8 E
1	5398	2.1	147.1	5396.43	-0.95	-76.15	-53.17	14.50	S 32.9 E
2	5400	2.8	147.0	5398.43	-1.02	-76.10	-53.09	35.00	S 33.0 E
3	5402	4.1	149.6	5400.42	-1.13	-76.04	-52.97	65.45	S 30.4 E
4	5404	5.1	150.4	5402.42	-1.27	-75.96	-52.82	50.10	S 29.6 E
5	5406	6.7	150.9	5404.40	-1.44	-75.86	-52.62	80.04	S 29.1 E
6	5408	8.1	150.5	5406.39	-1.67	-75.73	-52.37	70.05	S 29.5 E
7	5410	10.0	148.8	5408.36	-1.94	-75.57	-52.07	95.93	S 31.2 E
8	5412	11.7	148.2	5410.33	-2.26	-75.38	-51.70	85.19	S 31.8 E
9	5414	13.2	148.0	5412.28	-2.63	-75.15	-51.28	75.03	S 32.0 E
10	5416	14.8	147.5	5414.22	-3.04	-74.89	-50.81	80.23	S 32.5 E
11	5418	16.5	147.0	5416.15	-3.49	-74.60	-50.28	85.27	S 33.0 E
12	5420	17.8	146.7	5418.06	-3.98	-74.28	-49.70	65.15	S 33.3 E
13	5422	19.7	147.4	5419.95	-4.52	-73.93	-49.08	95.66	S 32.6 E
14	5424	21.2	148.4	5421.82	-5.12	-73.56	-48.40	77.01	S 31.6 E
15	5426	22.7	149.4	5423.68	-5.76	-73.17	-47.67	77.29	S 30.6 E
16	5428	24.1	152.3	5425.52	-6.45	-72.78	-46.91	90.62	S 27.7 E
17	5430	25.8	153.5	5427.33	-7.20	-72.40	-46.10	88.68	S 26.5 E
18	5432	27.3	153.0	5429.12	-8.00	-72.00	-45.25	75.83	S 27.0 E
19	5434	28.8	151.3	5430.88	-8.83	-71.56	-44.36	84.98	S 28.7 E
20	5436	30.4	148.5	5432.62	-9.68	-71.06	-43.40	105.73	S 31.5 E
21	5438	31.9	146.1	5434.33	-10.55	-70.50	-42.39	97.34	S 33.9 E
22	5440	33.3	143.6	5436.02	-11.44	-69.88	-41.33	97.12	S 36.4 E
23	5442	34.8	141.6	5437.68	-12.32	-69.20	-40.22	93.59	S 38.4 E
24	5444	36.3	139.4	5439.30	-13.22	-68.46	-39.06	98.56	S 40.6 E
25	5446	37.9	137.4	5440.90	-14.12	-67.66	-37.86	100.18	S 42.6 E
26	5448	39.4	135.7	5442.46	-15.03	-66.80	-36.61	91.88	S 44.3 E
27	5450	40.9	134.1	5443.99	-15.94	-65.89	-35.32	91.02	S 45.9 E
28	5452	42.4	132.7	5445.48	-16.85	-64.92	-33.99	88.25	S 47.3 E
29	5454	43.9	131.3	5446.94	-17.77	-63.91	-32.63	88.97	S 48.7 E
30	5456	45.2	130.1	5448.37	-18.68	-62.84	-31.23	77.44	S 49.9 E
31	5458	46.8	128.9	5449.76	-19.60	-61.73	-29.79	90.90	S 51.1 E
32	5460	48.4	127.6	5451.11	-20.51	-60.57	-28.33	93.29	S 52.4 E
33	5462	50.1	126.6	5452.41	-21.42	-59.36	-26.83	93.06	S 53.4 E
34	5464	51.6	125.6	5453.67	-22.34	-58.11	-25.29	84.43	S 54.4 E
35	5466	53.1	124.7	5454.90	-23.25	-56.82	-23.73	83.03	S 55.3 E
36	5468	54.8	124.3	5456.07	-24.17	-55.48	-22.14	86.52	S 55.7 E
37	5470	55.1	125.0	5457.22	-25.10	-54.14	-20.53	32.34	S 55.0 E
38	5472	55.5	125.7	5458.36	-26.05	-52.80	-18.91	35.04	S 54.3 E
39	5474	55.8	125.7	5459.49	-27.01	-51.45	-17.28	15.00	S 54.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	56.4	125.4	5460.60	-27.98	-50.10	-15.65	32.48	S 54.6 E
41	5478	56.9	125.4	5461.70	-28.94	-48.74	-14.00	25.00	S 54.6 E
42	5480	57.5	125.5	5462.79	-29.92	-47.37	-12.34	30.29	S 54.5 E
43	5482	58.0	125.5	5463.85	-30.90	-46.00	-10.67	25.00	S 54.5 E
44	5484	58.4	125.6	5464.91	-31.89	-44.61	-9.00	20.45	S 54.4 E
45	5486	58.7	125.6	5465.95	-32.88	-43.23	-7.31	15.00	S 54.4 E
46	5488	59.2	125.6	5466.98	-33.88	-41.83	-5.62	25.00	S 54.4 E
47	5490	59.5	125.8	5468.00	-34.88	-40.44	-3.92	17.29	S 54.2 E
48	5492	59.9	125.7	5469.01	-35.89	-39.03	-2.22	20.46	S 54.3 E
49	5494	60.3	125.9	5470.01	-36.91	-37.63	-0.51	21.80	S 54.1 E
50	5496	60.6	124.2	5470.99	-37.91	-36.20	1.20	75.45	S 55.8 E
51	5498	61.0	124.4	5471.97	-38.89	-34.76	2.92	21.82	S 55.6 E
52	5500	60.0	124.2	5472.95	-39.87	-33.32	4.63	50.75	S 55.8 E
53	5502	59.8	123.5	5473.96	-40.84	-31.89	6.33	31.89	S 56.5 E
54	5504	59.5	122.7	5474.97	-41.78	-30.44	8.02	37.64	S 57.3 E
55	5506	59.2	122.1	5475.99	-42.70	-28.99	9.70	29.85	S 57.9 E
56	5508	58.9	120.8	5477.02	-43.60	-27.52	11.36	57.73	S 59.2 E
57	5510	58.9	119.8	5478.05	-44.46	-26.05	13.02	42.81	S 60.2 E
58	5512	58.9	118.8	5479.08	-45.30	-24.55	14.67	42.81	S 61.2 E
59	5514	58.7	117.7	5480.12	-46.11	-23.05	16.31	48.10	S 62.3 E
60	5516	58.6	116.6	5481.16	-46.89	-21.53	17.93	47.24	S 63.4 E
61	5518	58.8	115.5	5482.20	-47.64	-19.99	19.55	48.05	S 64.5 E
62	5520	59.2	114.6	5483.23	-48.36	-18.44	21.16	43.45	S 65.4 E
63	5522	59.5	113.8	5484.25	-49.07	-16.87	22.77	37.54	S 66.2 E
64	5524	60.1	113.1	5485.25	-49.76	-15.28	24.38	42.60	S 66.9 E
65	5526	60.7	112.4	5486.24	-50.43	-13.68	25.99	42.73	S 67.6 E
66	5528	61.6	112.1	5487.21	-51.09	-12.06	27.60	46.88	S 67.9 E
67	5530	62.4	111.8	5488.15	-51.75	-10.42	29.23	42.14	S 68.2 E
68	5532	63.3	111.7	5489.06	-52.41	-8.77	30.86	45.22	S 68.3 E
69	5534	64.3	111.3	5489.94	-53.07	-7.10	32.51	53.12	S 68.7 E
70	5536	65.3	111.3	5490.79	-53.73	-5.41	34.16	50.00	S 68.7 E
71	5538	66.1	111.3	5491.62	-54.39	-3.71	35.83	40.00	S 68.7 E
72	5540	67.3	111.1	5492.41	-55.05	-2.00	37.51	60.70	S 68.9 E
73	5542	68.1	111.1	5493.17	-55.72	-0.27	39.21	40.00	S 68.9 E
74	5544	69.0	111.2	5493.90	-56.39	1.46	40.91	45.24	S 68.8 E
75	5546	69.6	111.3	5494.60	-57.07	3.21	42.62	30.36	S 68.7 E
76	5548	70.5	111.3	5495.29	-57.75	4.96	44.34	45.00	S 68.7 E
77	5550	71.4	111.3	5495.94	-58.44	6.72	46.07	45.00	S 68.7 E
78	5552	71.8	111.3	5496.57	-59.13	8.49	47.81	20.00	S 68.7 E
79	5554	72.4	111.4	5497.19	-59.82	10.26	49.55	30.37	S 68.6 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5560	74.1	111.3	5498.91	-61.91	15.61	54.82	28.38	S 68.7 E
81	5570	76.1	112.8	5501.49	-65.54	24.57	63.71	24.70	S 67.2 E
82	5580	77.6	114.7	5503.76	-69.46	33.48	72.79	23.82	S 65.3 E
83	5590	79.2	116.2	5505.77	-73.67	42.32	82.02	21.72	S 63.8 E
84	5600	80.3	118.2	5507.55	-78.17	51.07	91.39	22.55	S 61.8 E
85	5610	81.1	120.1	5509.17	-82.98	59.69	100.88	20.39	S 59.9 E
86	5620	82.1	122.5	5510.63	-88.12	68.15	110.49	25.76	S 57.5 E
87	5630	83.2	125.0	5511.91	-93.63	76.39	120.22	27.12	S 55.0 E
88	5640	84.2	127.5	5513.01	-99.50	84.41	130.04	26.79	S 52.5 E
89	5650	84.7	130.6	5513.97	-105.77	92.13	139.94	31.26	S 49.4 E
90	5660	84.9	131.8	5514.88	-112.33	99.63	149.88	12.12	S 48.2 E
91	5670	85.0	132.2	5515.76	-119.00	107.03	159.82	4.11	S 47.8 E
92	5680	85.1	132.8	5516.62	-125.73	114.37	169.78	6.06	S 47.2 E
93	5690	85.3	132.7	5517.46	-132.49	121.69	179.74	2.23	S 47.3 E
94	5700	86.6	133.1	5518.17	-139.28	129.00	189.70	13.60	S 46.9 E
95	5710	90.2	133.5	5518.45	-146.14	136.27	199.69	36.22	S 46.5 E
96	5720	92.7	134.3	5518.19	-153.07	143.48	209.69	26.25	S 45.7 E
97	5730	93.8	134.8	5517.63	-160.07	150.59	219.67	12.08	S 45.2 E
98	5740	94.0	135.0	5516.94	-167.11	157.66	229.65	2.83	S 45.0 E
99	5750	94.1	134.4	5516.24	-174.13	164.75	239.62	6.07	S 45.6 E
100	5760	94.1	132.9	5515.52	-181.01	171.96	249.59	14.96	S 47.1 E
101	5770	94.7	132.6	5514.76	-187.78	179.29	259.56	6.70	S 47.4 E
102	5780	92.4	132.9	5514.14	-194.56	186.61	269.53	23.19	S 47.1 E
103	5790	86.4	130.5	5514.24	-201.21	194.08	279.51	64.62	S 49.5 E
104	5800	82.5	129.8	5515.21	-207.62	201.68	289.42	39.62	S 50.2 E
105	5810	81.7	129.8	5516.58	-213.96	209.29	299.29	8.00	S 50.2 E
106	5820	84.0	130.8	5517.83	-220.38	216.86	309.17	25.05	S 49.2 E
107	5830	88.0	131.2	5518.53	-226.92	224.39	319.12	40.20	S 48.8 E
108	5840	92.2	131.5	5518.51	-233.53	231.89	329.10	42.11	S 48.5 E
109	5850	94.7	132.0	5517.91	-240.17	239.34	339.07	25.49	S 48.0 E
110	5860	95.7	132.9	5517.00	-246.90	246.69	349.01	13.43	S 47.1 E
111	5870	95.7	133.0	5516.01	-253.68	253.97	358.96	1.00	S 47.0 E
112	5880	95.3	132.8	5515.05	-260.45	261.26	368.91	4.47	S 47.2 E
113	5890	94.8	132.4	5514.17	-267.19	268.59	378.86	6.39	S 47.6 E
114	5900	94.8	132.6	5513.33	-273.93	275.94	388.81	1.99	S 47.4 E
115	5910	96.2	133.5	5512.37	-280.72	283.21	398.76	16.62	S 46.5 E
116	5920	96.7	133.8	5511.25	-287.58	290.40	408.70	5.82	S 46.2 E
117	5930	96.9	133.9	5510.07	-294.46	297.56	418.62	2.23	S 46.1 E
118	5940	96.9	133.8	5508.86	-301.34	304.72	428.55	0.99	S 46.2 E
119	5950	96.8	133.8	5507.67	-308.21	311.89	438.48	1.00	S 46.2 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5960	97.0	133.8	5506.47	-315.08	319.06	448.40	2.00	S 46.2 E
121	5970	96.1	134.0	5505.33	-321.97	326.21	458.33	9.22	S 46.0 E
122	5980	95.5	134.3	5504.32	-328.90	333.35	468.28	6.70	S 45.7 E
123	5990	95.6	134.0	5503.35	-335.83	340.49	478.23	3.15	S 46.0 E
124	6000	95.2	133.9	5502.41	-342.74	347.66	488.19	4.12	S 46.1 E
125	6010	94.0	133.8	5501.61	-349.65	354.85	498.15	12.04	S 46.2 E
126	6020	93.8	133.3	5500.93	-356.52	362.08	508.13	5.37	S 46.7 E
127	6030	92.7	134.1	5500.36	-363.42	369.30	518.11	13.59	S 45.9 E
128	6040	90.6	135.0	5500.07	-370.43	376.42	528.10	22.85	S 45.0 E
129	6050	89.9	135.2	5500.03	-377.51	383.48	538.10	7.28	S 44.8 E
130	6060	90.6	135.4	5499.99	-384.62	390.51	548.10	7.28	S 44.6 E
131	6070	92.0	135.5	5499.76	-391.74	397.53	558.10	14.04	S 44.5 E
132	6080	92.9	135.5	5499.33	-398.87	404.53	568.09	9.00	S 44.5 E
133	6090	93.2	135.7	5498.80	-406.00	411.52	578.07	3.60	S 44.3 E
134	6100	92.1	136.3	5498.34	-413.19	418.46	588.06	12.53	S 43.7 E
135	6110	91.2	136.4	5498.05	-420.42	425.35	598.06	9.06	S 43.6 E
136	6120	90.5	135.6	5497.90	-427.62	432.30	608.05	10.63	S 44.4 E
137	6130	90.0	135.0	5497.86	-434.72	439.33	618.05	7.81	S 45.0 E
138	6140	90.0	134.9	5497.86	-441.79	446.41	628.05	1.00	S 45.1 E
139	6150	89.3	134.5	5497.92	-448.82	453.52	638.05	8.06	S 45.5 E
140	6160	87.1	134.7	5498.23	-455.84	460.64	648.05	22.09	S 45.3 E
141	6170	86.2	134.8	5498.82	-462.87	467.73	658.03	9.06	S 45.2 E
142	6180	85.9	135.1	5499.51	-469.92	474.79	668.00	4.24	S 44.9 E
143	6190	86.4	135.6	5500.18	-477.01	481.80	677.98	7.06	S 44.4 E
144	6200	86.9	135.9	5500.76	-484.16	488.76	687.96	5.83	S 44.1 E
145	6210	87.2	135.8	5501.28	-491.33	495.72	697.95	3.16	S 44.2 E
146	6220	87.2	135.9	5501.76	-498.50	502.68	707.94	1.00	S 44.1 E
147	6230	87.6	135.6	5502.22	-505.65	509.65	717.93	5.00	S 44.4 E
148	6240	88.4	135.9	5502.57	-512.81	516.62	727.92	8.54	S 44.1 E
149	6250	88.9	135.9	5502.80	-519.99	523.58	737.91	5.00	S 44.1 E
150	6260	89.2	136.4	5502.97	-527.20	530.50	747.91	5.83	S 43.6 E
151	6270	89.3	136.4	5503.10	-534.44	537.40	757.91	1.00	S 43.6 E
152	6280	89.4	136.2	5503.21	-541.67	544.31	767.90	2.24	S 43.8 E
153	6290	89.6	136.0	5503.30	-548.88	551.24	777.90	2.83	S 44.0 E
154	6300	89.9	136.1	5503.34	-556.08	558.18	787.90	3.16	S 43.9 E
155	6310	90.1	136.2	5503.34	-563.29	565.11	797.90	2.24	S 43.8 E
156	6320	90.3	136.7	5503.31	-570.53	572.00	807.89	5.39	S 43.3 E
157	6330	89.5	136.7	5503.33	-577.81	578.86	817.89	8.00	S 43.3 E
158	6340	88.7	136.5	5503.48	-585.08	585.73	827.88	8.25	S 43.5 E
159	6350	88.5	135.8	5503.73	-592.29	592.65	837.88	7.28	S 44.2 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	6360	88.3	135.1	5504.01	-599.41	599.67	847.88	7.28	S 44.9 E
161	6373	88.0	134.2	5504.42	-608.54	608.91	860.87	7.28	S 45.8 E

Survey No. 0 is a tie into a SDI Finder Gyro.
Survey No. 52 is Sidetrack point for Leg #2
Surveys No. 1 - 159 are by Becfield Steering Tool.
Surveys No. 160 & 161 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 860.61 feet
Displacement Bearing: South 45° East

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*

5. Lease Designation and Serial No.: I-149-IND-8839 A

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 J230

9. API Well No.: 4303730240

10. Field and Pool, Exploaratory Area: DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area: Sec. 30, Township T40S, Range R25E

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

1b. Type of Completion: NEW WELL [ ] WORK OVER [X] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER SIDETRACK

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 E : 1980 Feet From The NORTH Line and 660 Feet From The WEST Line

At proposed prod. zone

At Total Depth 3rd LATERAL

2611' FNL & 1287' FWL, SEC. 30 T40S/R24E

14. Permit No.: | Date Issued:

12. County or Parish: SAN JUAN

13. State: UTAH

15. Date Spudded: 11/19/75

16. Date T.D. Reached: 12/7/75

17. Date Compl. (Ready to Prod.): 2/27/96

18. Elevations (Show whether DF,RT, GR, etc.): 4680' GR

19. Elev. Casinhead: 4688' KB

20. Total Depth, MD & TVD: 6408'(MD), 5529'(TVD)

21. Plug Back T.D., MD & TVD: 6408'(MD), 5529'(TVD)

22. If Multiple Compl., How Many*:

23. Intervals Drilled By --> Rotary Tools: 5527'-6408' Cable Tools: NO

24. Producing Interval(s), Of This Completion -- Top, Bottom, Name (MD and TVD)*
3RD LATERAL, SE DIRECTION: 5527'(KOP) - 6408'(MD)

25. Was Directional Survey Made: YES

26. Type Electric and Other Logs Run
FINDER GYRO

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
8-5/8"	28.0#	504'	12-1/47"	300 SKS	CIRC.
5-1/2"	15.5#	5681'	7-7/8"	300 SKS	TOC=4350
DV TOOL		2780'		450 SKS	TOC=250'
					(est.)

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5224'	

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

3RD LATERAL - SOUTHEAST DIRECTION
HORIZONTAL OPEN HOLE: 5527' - 6408'(MD)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5642'-5398'	CMT PLUG FROM PBTD TO KOP
5628'-5472'	SQZ OLD PERFS W/ 150 SKS CMT

RECEIVED
MAY 20 1996
DIV. OF OIL, GAS & MINING

33. PRODUCTION

Date First Production: 2/27/96
Production Method (Flowing, gas lift, pumping - size and type pump): PUMPING (144 HP ESP PUMP)
Well Status (Prod. or Shut-in): PRODUCING

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/96	24			148	51	1277	344

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
--------	--------		148	51	1277	42

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

Test Witnessed By: MIKE LOVE

35. List of Attachments
SUNDRY, DEVIATION REPORT

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 5/20/96

TYPE OR PRINT NAME Ted A. Tipton

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
DeCHELLY	2590'	
HERMOSA	4660'	
ISMAY	5318'	
DESERT CREEK	5472'	

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	-53.38	0.58	S 26.8 E
1	5398	2.1	147.1	5396.43	-0.95	-76.15	-53.17	14.50	S 32.9 E
2	5400	2.8	147.0	5398.43	-1.02	-76.10	-53.09	35.00	S 33.0 E
3	5402	4.1	149.6	5400.42	-1.13	-76.04	-52.97	65.45	S 30.4 E
4	5404	5.1	150.4	5402.42	-1.27	-75.96	-52.82	50.10	S 29.6 E
5	5406	6.7	150.9	5404.40	-1.44	-75.86	-52.62	80.04	S 29.1 E
6	5408	8.1	150.5	5406.39	-1.67	-75.73	-52.37	70.05	S 29.5 E
7	5410	10.0	148.8	5408.36	-1.94	-75.57	-52.07	95.93	S 31.2 E
8	5412	11.7	148.2	5410.33	-2.26	-75.38	-51.70	85.19	S 31.8 E
9	5414	13.2	148.0	5412.28	-2.63	-75.15	-51.28	75.03	S 32.0 E
10	5416	14.8	147.5	5414.22	-3.04	-74.89	-50.81	80.23	S 32.5 E
11	5418	16.5	147.0	5416.15	-3.49	-74.60	-50.28	85.27	S 33.0 E
12	5420	17.8	146.7	5418.06	-3.98	-74.28	-49.70	65.15	S 33.3 E
13	5422	19.7	147.4	5419.95	-4.52	-73.93	-49.08	95.66	S 32.6 E
14	5424	21.2	148.4	5421.82	-5.12	-73.56	-48.40	77.01	S 31.6 E
15	5426	22.7	149.4	5423.68	-5.76	-73.17	-47.67	77.29	S 30.6 E
16	5428	24.1	152.3	5425.52	-6.45	-72.78	-46.91	90.62	S 27.7 E
17	5430	25.8	153.5	5427.33	-7.20	-72.40	-46.10	88.68	S 26.5 E
18	5432	27.3	153.0	5429.12	-8.00	-72.00	-45.25	75.83	S 27.0 E
19	5434	28.8	151.3	5430.88	-8.83	-71.56	-44.36	84.98	S 28.7 E
20	5436	30.4	148.5	5432.62	-9.68	-71.06	-43.40	105.73	S 31.5 E
21	5438	31.9	146.1	5434.33	-10.55	-70.50	-42.39	97.34	S 33.9 E
22	5440	33.3	143.6	5436.02	-11.44	-69.88	-41.33	97.12	S 36.4 E
23	5442	34.8	141.6	5437.68	-12.32	-69.20	-40.22	93.59	S 38.4 E
24	5444	36.3	139.4	5439.30	-13.22	-68.46	-39.06	98.56	S 40.6 E
25	5446	37.9	137.4	5440.90	-14.12	-67.66	-37.86	100.18	S 42.6 E
26	5448	39.4	135.7	5442.46	-15.03	-66.80	-36.61	91.88	S 44.3 E
27	5450	40.9	134.1	5443.99	-15.94	-65.89	-35.32	91.02	S 45.9 E
28	5452	42.4	132.7	5445.48	-16.85	-64.92	-33.99	88.25	S 47.3 E
29	5454	43.9	131.3	5446.94	-17.77	-63.91	-32.63	88.97	S 48.7 E
30	5456	45.2	130.1	5448.37	-18.68	-62.84	-31.23	77.44	S 49.9 E
31	5458	46.8	128.9	5449.76	-19.60	-61.73	-29.79	90.90	S 51.1 E
32	5460	48.4	127.6	5451.11	-20.51	-60.57	-28.33	93.29	S 52.4 E
33	5462	50.1	126.6	5452.41	-21.42	-59.36	-26.83	93.06	S 53.4 E
34	5464	51.6	125.6	5453.67	-22.34	-58.11	-25.29	84.43	S 54.4 E
35	5466	53.1	124.7	5454.90	-23.25	-56.82	-23.73	83.03	S 55.3 E
36	5468	54.8	124.3	5456.07	-24.17	-55.48	-22.14	86.52	S 55.7 E
37	5470	55.1	125.0	5457.22	-25.10	-54.14	-20.53	32.34	S 55.0 E
38	5472	55.5	125.7	5458.36	-26.05	-52.80	-18.91	35.04	S 54.3 E
39	5474	55.8	125.7	5459.49	-27.01	-51.45	-17.28	15.00	S 54.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	56.4	125.4	5460.60	-27.98	-50.10	-15.65	32.48	S 54.6 E
41	5478	56.9	125.4	5461.70	-28.94	-48.74	-14.00	25.00	S 54.6 E
42	5480	57.5	125.5	5462.79	-29.92	-47.37	-12.34	30.29	S 54.5 E
43	5482	58.0	125.5	5463.85	-30.90	-46.00	-10.67	25.00	S 54.5 E
44	5484	58.4	125.6	5464.91	-31.89	-44.61	-9.00	20.45	S 54.4 E
45	5486	58.7	125.6	5465.95	-32.88	-43.23	-7.31	15.00	S 54.4 E
46	5488	59.2	125.6	5466.98	-33.88	-41.83	-5.62	25.00	S 54.4 E
47	5490	59.5	125.8	5468.00	-34.88	-40.44	-3.92	17.29	S 54.2 E
48	5492	59.9	125.7	5469.01	-35.89	-39.03	-2.22	20.46	S 54.3 E
49	5494	60.3	125.9	5470.01	-36.91	-37.63	-0.51	21.80	S 54.1 E
50	5496	60.6	124.2	5470.99	-37.91	-36.20	1.20	75.45	S 55.8 E
51	5498	61.0	124.4	5471.97	-38.89	-34.76	2.92	21.82	S 55.6 E
52	5500	60.0	124.2	5472.95	-39.87	-33.32	4.63	50.75	S 55.8 E
53	5502	59.8	123.5	5473.96	-40.84	-31.89	6.33	31.89	S 56.5 E
54	5504	59.5	122.7	5474.97	-41.78	-30.44	8.02	37.64	S 57.3 E
55	5506	59.2	122.1	5475.99	-42.70	-28.99	9.70	29.85	S 57.9 E
56	5508	58.9	120.8	5477.02	-43.60	-27.52	11.36	57.73	S 59.2 E
57	5510	58.9	119.8	5478.05	-44.46	-26.05	13.02	42.81	S 60.2 E
58	5512	58.9	118.8	5479.08	-45.30	-24.55	14.67	42.81	S 61.2 E
59	5514	58.7	117.7	5480.12	-46.11	-23.05	16.31	48.10	S 62.3 E
60	5516	58.6	116.6	5481.16	-46.89	-21.53	17.93	47.24	S 63.4 E
61	5518	58.8	115.5	5482.20	-47.64	-19.99	19.55	48.05	S 64.5 E
62	5520	54.8	123.6	5483.29	-48.46	-18.54	21.16	393.30	S 56.4 E
63	5522	54.2	123.1	5484.46	-49.35	-17.18	22.75	36.25	S 56.9 E
64	5524	53.4	122.9	5485.64	-50.23	-15.82	24.33	40.81	S 57.1 E
65	5526	52.4	122.5	5486.84	-51.09	-14.48	25.89	52.48	S 57.5 E
66	5528	51.9	122.0	5488.07	-51.94	-13.14	27.43	31.85	S 58.0 E
67	5530	51.6	121.5	5489.31	-52.76	-11.81	28.96	24.71	S 58.5 E
68	5532	51.3	121.4	5490.56	-53.58	-10.47	30.48	15.50	S 58.6 E
69	5534	51.1	121.1	5491.81	-54.39	-9.14	31.99	15.38	S 58.9 E
70	5536	51.0	121.0	5493.07	-55.19	-7.81	33.50	6.33	S 59.0 E
71	5538	51.0	120.7	5494.32	-55.99	-6.47	35.01	11.66	S 59.3 E
72	5540	51.1	120.7	5495.58	-56.78	-5.14	36.52	5.00	S 59.3 E
73	5542	51.2	120.6	5496.84	-57.58	-3.80	38.03	6.34	S 59.4 E
74	5544	51.3	120.6	5498.09	-58.37	-2.45	39.54	5.00	S 59.4 E
75	5546	51.5	120.6	5499.34	-59.17	-1.11	41.05	10.00	S 59.4 E
76	5548	51.6	120.5	5500.58	-59.96	0.24	42.57	6.35	S 59.5 E
77	5550	52.0	120.7	5501.82	-60.76	1.59	44.09	21.49	S 59.3 E
78	5552	52.1	120.6	5503.05	-61.57	2.95	45.62	6.37	S 59.4 E
79	5554	52.3	120.6	5504.27	-62.37	4.31	47.15	10.00	S 59.4 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5556	52.6	119.3	5505.49	-63.16	5.68	48.68	53.67	S 60.7 E
81	5558	52.9	119.3	5506.70	-63.94	7.07	50.21	15.00	S 60.7 E
82	5560	53.2	119.1	5507.90	-64.72	8.47	51.75	17.00	S 60.9 E
83	5562	53.5	119.2	5509.10	-65.50	9.87	53.29	15.53	S 60.8 E
84	5564	53.7	119.2	5510.28	-66.29	11.27	54.84	10.00	S 60.8 E
85	5566	54.1	119.4	5511.46	-67.08	12.68	56.40	21.57	S 60.6 E
86	5568	54.8	119.6	5512.63	-67.88	14.10	57.97	35.93	S 60.4 E
87	5570	55.6	119.5	5513.77	-68.69	15.53	59.55	40.21	S 60.5 E
88	5572	56.4	119.6	5514.89	-69.51	16.97	61.15	40.21	S 60.4 E
89	5574	57.4	119.7	5515.98	-70.34	18.43	62.76	50.18	S 60.3 E
90	5576	58.6	119.8	5517.04	-71.18	19.90	64.40	60.15	S 60.2 E
91	5578	60.3	119.9	5518.05	-72.03	21.39	66.06	85.11	S 60.1 E
92	5580	61.9	120.1	5519.02	-72.91	22.91	67.75	80.48	S 59.9 E
93	5582	63.4	120.4	5519.94	-73.81	24.44	69.47	76.17	S 59.6 E
94	5584	64.9	120.5	5520.81	-74.72	25.99	71.21	75.13	S 59.5 E
95	5586	66.5	120.7	5521.63	-75.65	27.56	72.98	80.52	S 59.3 E
96	5588	68.2	121.0	5522.40	-76.59	29.15	74.77	86.12	S 59.0 E
97	5590	69.0	122.8	5523.13	-77.58	30.73	76.58	92.85	S 57.2 E
98	5592	70.8	123.2	5523.82	-78.60	32.30	78.42	91.94	S 56.8 E
99	5594	72.4	123.6	5524.45	-79.64	33.89	80.28	82.22	S 56.4 E
100	5596	74.1	124.0	5525.03	-80.71	35.48	82.16	87.13	S 56.0 E
101	5598	75.5	124.5	5525.55	-81.79	37.07	84.05	74.04	S 55.5 E
102	5600	76.9	124.7	5526.03	-82.90	38.67	85.96	70.67	S 55.3 E
103	5602	78.0	125.1	5526.47	-84.01	40.27	87.89	58.36	S 54.9 E
104	5604	79.0	125.4	5526.86	-85.15	41.88	89.82	52.12	S 54.6 E
105	5606	79.7	125.6	5527.23	-86.29	43.48	91.76	36.35	S 54.4 E
106	5608	80.1	125.9	5527.58	-87.44	45.07	93.70	24.86	S 54.1 E
107	5610	80.3	126.7	5527.93	-88.60	46.66	95.65	40.67	S 53.3 E
108	5620	79.7	128.0	5529.66	-94.58	54.49	105.41	14.14	S 52.0 E
109	5630	79.2	128.8	5531.49	-100.69	62.19	115.17	9.32	S 51.2 E
110	5640	79.2	128.8	5533.37	-106.84	69.85	124.94	0.00	S 51.2 E
111	5650	79.2	129.1	5535.24	-113.02	77.49	134.71	2.95	S 50.9 E
112	5660	79.5	129.3	5537.09	-119.23	85.11	144.48	3.59	S 50.7 E
113	5670	79.8	129.4	5538.88	-125.46	92.71	154.27	3.16	S 50.6 E
114	5680	80.1	129.9	5540.63	-131.75	100.29	164.08	5.77	S 50.1 E
115	5690	80.7	130.2	5542.30	-138.09	107.84	173.90	6.69	S 49.8 E
116	5700	81.4	130.4	5543.85	-144.48	115.37	183.75	7.27	S 49.6 E
117	5710	82.1	130.2	5545.29	-150.88	122.92	193.61	7.27	S 49.8 E
118	5720	82.6	130.4	5546.62	-157.29	130.48	203.49	5.38	S 49.6 E
119	5730	83.2	130.1	5547.86	-163.70	138.06	213.38	6.70	S 49.9 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5740	83.8	130.5	5548.99	-170.13	145.63	223.28	7.20	S 49.5 E
121	5750	84.5	130.6	5550.01	-176.60	153.19	233.20	7.07	S 49.4 E
122	5760	85.1	130.8	5550.91	-183.09	160.74	243.13	6.32	S 49.2 E
123	5770	85.7	131.0	5551.72	-189.62	168.28	253.07	6.32	S 49.0 E
124	5780	86.6	130.8	5552.39	-196.15	175.82	263.02	9.22	S 49.2 E
125	5790	88.0	131.1	5552.86	-202.70	183.36	272.98	14.32	S 48.9 E
126	5800	89.2	131.2	5553.10	-209.27	190.89	282.96	12.04	S 48.8 E
127	5810	89.8	131.5	5553.19	-215.88	198.40	292.94	6.71	S 48.5 E
128	5820	90.3	131.8	5553.18	-222.53	205.87	302.92	5.83	S 48.2 E
129	5830	90.7	131.8	5553.09	-229.19	213.32	312.90	4.00	S 48.2 E
130	5840	91.1	132.2	5552.94	-235.88	220.75	322.89	5.66	S 47.8 E
131	5850	91.3	132.8	5552.73	-242.64	228.12	332.88	6.32	S 47.2 E
132	5860	91.3	132.9	5552.50	-249.44	235.45	342.87	1.00	S 47.1 E
133	5870	91.4	133.2	5552.26	-256.26	242.76	352.86	3.16	S 46.8 E
134	5880	91.7	133.5	5551.99	-263.12	250.03	362.85	4.24	S 46.5 E
135	5890	92.0	133.9	5551.67	-270.03	257.25	372.84	5.00	S 46.1 E
136	5900	92.0	133.8	5551.32	-276.95	264.46	382.84	1.00	S 46.2 E
137	5910	91.4	133.0	5551.03	-283.82	271.72	392.83	10.00	S 47.0 E
138	5920	91.5	133.4	5550.77	-290.66	279.01	402.82	4.12	S 46.6 E
139	5930	91.7	133.3	5550.49	-297.52	286.28	412.81	2.24	S 46.7 E
140	5940	92.1	133.3	5550.16	-304.38	293.55	422.80	4.00	S 46.7 E
141	5950	92.5	132.5	5549.76	-311.18	300.87	432.79	8.94	S 47.5 E
142	5960	92.7	132.9	5549.31	-317.95	308.21	442.77	4.47	S 47.1 E
143	5970	92.8	132.9	5548.83	-324.75	315.53	452.75	1.00	S 47.1 E
144	5980	92.8	133.0	5548.34	-331.56	322.84	462.73	1.00	S 47.0 E
145	5990	92.9	133.1	5547.84	-338.38	330.14	472.71	1.41	S 46.9 E
146	6000	93.1	133.2	5547.32	-345.21	337.43	482.69	2.24	S 46.8 E
147	6010	93.1	133.2	5546.78	-352.04	344.71	492.67	0.00	S 46.8 E
148	6020	93.1	133.6	5546.24	-358.90	351.96	502.66	3.99	S 46.4 E
149	6030	93.2	133.7	5545.69	-365.80	359.19	512.64	1.41	S 46.3 E
150	6040	93.3	133.9	5545.12	-372.71	366.39	522.62	2.23	S 46.1 E
151	6050	93.4	133.6	5544.54	-379.61	373.60	532.60	3.16	S 46.4 E
152	6060	93.5	133.7	5543.93	-386.50	380.82	542.58	1.41	S 46.3 E
153	6070	93.6	133.6	5543.31	-393.39	388.05	552.56	1.41	S 46.4 E
154	6080	93.4	133.5	5542.70	-400.27	395.28	562.54	2.24	S 46.5 E
155	6090	93.4	133.3	5542.11	-407.12	402.53	572.51	2.00	S 46.7 E
156	6100	93.4	133.2	5541.52	-413.96	409.80	582.49	1.00	S 46.8 E
157	6110	93.3	133.4	5540.93	-420.81	417.07	592.47	2.23	S 46.6 E
158	6120	93.2	133.4	5540.37	-427.67	424.32	602.45	1.00	S 46.6 E
159	6130	93.2	133.4	5539.81	-434.53	431.58	612.43	0.00	S 46.6 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	6140	93.1	133.2	5539.26	-441.38	438.85	622.41	2.23	S 46.8 E
161	6150	93.1	133.3	5538.72	-448.22	446.12	632.39	1.00	S 46.7 E
162	6160	93.4	133.5	5538.15	-455.08	453.37	642.37	3.60	S 46.5 E
163	6170	92.8	134.9	5537.61	-462.04	460.53	652.36	15.21	S 45.1 E
164	6180	91.8	135.4	5537.21	-469.12	467.58	662.35	11.18	S 44.6 E
165	6190	91.5	135.7	5536.92	-476.26	474.58	672.34	4.24	S 44.3 E
166	6200	91.4	135.8	5536.67	-483.42	481.55	682.34	1.41	S 44.2 E
167	6210	91.3	135.8	5536.43	-490.59	488.52	692.34	1.00	S 44.2 E
168	6220	91.6	135.9	5536.18	-497.76	495.49	702.33	3.16	S 44.1 E
169	6230	91.8	136.0	5535.88	-504.95	502.44	712.33	2.24	S 44.0 E
170	6240	91.8	135.8	5535.57	-512.12	509.39	722.32	2.00	S 44.2 E
171	6250	91.8	135.6	5535.25	-519.28	516.37	732.31	2.00	S 44.4 E
172	6260	91.7	135.4	5534.95	-526.41	523.38	742.31	2.24	S 44.6 E
173	6270	91.7	135.2	5534.65	-533.51	530.41	752.30	2.00	S 44.8 E
174	6280	91.8	134.7	5534.35	-540.57	537.48	762.30	5.10	S 45.3 E
175	6290	91.3	134.5	5534.08	-547.59	544.60	772.30	5.38	S 45.5 E
176	6300	91.0	134.2	5533.88	-554.58	551.75	782.29	4.24	S 45.8 E
177	6310	90.8	134.4	5533.72	-561.56	558.91	792.29	2.83	S 45.6 E
178	6320	90.8	134.8	5533.58	-568.58	566.03	802.29	4.00	S 45.2 E
179	6330	89.8	135.2	5533.53	-575.65	573.10	812.29	10.77	S 44.8 E
180	6340	89.1	135.3	5533.62	-582.76	580.14	822.29	7.07	S 44.7 E
181	6350	88.7	135.8	5533.81	-589.89	587.14	832.29	6.40	S 44.2 E
182	6360	90.2	136.0	5533.91	-597.07	594.10	842.28	15.13	S 44.0 E
183	6370	92.5	136.2	5533.68	-604.28	601.03	852.28	23.09	S 43.8 E
184	6380	95.1	136.2	5533.01	-611.48	607.93	862.25	26.00	S 43.8 E
185	6387	96.7	135.9	5532.29	-616.49	612.77	869.22	23.25	S 44.1 E
186	6397	99.0	135.5	5530.93	-623.58	619.69	879.12	23.25	S 44.5 E
187	6408	101.5	135.0	5528.97	-631.26	627.31	889.94	23.24	S 45.0 E

Survey No. 0 is a tie into a SDI Finder Gyro.
Survey No. 62 is Sidetrack point for Leg #3
Surveys No. 1 - 185 are by Becfield Steering Tool.
Surveys No. 186 & 187 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 889.95 feet
Displacement Bearing: South 44.82° East

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

5. Lease Designation and Serial No.
I-149-IND-8839 A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

7. If Unit or CA, Agreement Designation
ANETH UNIT

1b. Type of Completion:
NEW WELL [ ] WORK OVER [X] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER SIDETRACK

8. Well Name and Number
ANETH UNIT

J230

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.
4303730240

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

10. Field and Pool, Exploaratory Area
DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area
Sec. 30, Township T40S, Range R25E

At Total Depth 4th LATERAL
1324' FNL & 1' FWL, SEC. 30 T40S/R24E

14. Permit No. | Date Issued

12. County or Parish: SAN JUAN

13. State: UTAH

15. Date Spudded: 11/19/75
16. Date T.D. Reached: 12/7/75
17. Date Compl. (Ready to Prod.): 2/27/96
18. Elevations (Show whether DF,RT, GR, etc.): 4880' GR
19. Elev. Casinhead: 4888' KB

20. Total Depth, MD & TVD: 6353'(MD), 5477'(TVD)
21. Plug Back T.D., MD & TVD: 6353'(MD), 5477'(TVD)
22. If Multiple Compl., How Many*
23. Intervals Drilled By --> Rotary Tools: 5411'-6353' Cable Tools: NO

24. Producing Interval(s), Of This Completion -- Top, Bottom, Name (MD and TVD)*
4TH LATERAL, NW DIRECTION: 5411'(KOP) - 6353'(MD)

25. Was Directional Survey Made: YES

26. Type Electric and Other Logs Run
FINDER GYRO

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
8-5/8"	28.0#	504'	12-1/47"	300 SKS	CIRC.
5-1/2"	15.5#	5681'	7-7/8"	300 SKS	TOC=4350
DV TOOL		2780'		450 SKS	TOC=250'
					(est.)

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5224'	

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

4TH LATERAL - NORTHWEST DIRECTION
HORIZONTAL OPEN HOLE: 5411' - 6353'(MD)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5642'-5398'	CMT PLUG FROM PBTD TO KOP
5628'-5472'	SQZ OLD PERFS W/ 150 SKS CMT

RECEIVED
MAY 2 3 1996
DIV. OF OIL, GAS & MINING

33. PRODUCTION

Date First Production: 2/27/96
Production Method (Flowing, gas lift, pumping - size and type pump): PUMPING (144 HP ESP PUMP)
Well Status (Prod. or Shut-in): PRODUCING

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/96	24			148	51	1277	344

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
--------	--------		148	51	1277	42

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

Test Witnessed By
MIKE LOVE

35. List of Attachments
SUNDRY, DEVIATION REPORT

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 5/20/96

TYPE OR PRINT NAME Ted A. Tipton

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
DeCHELLY	2590'	
HERMOSA	4660'	
ISMAY	5318'	
DESERT CREEK	5472'	

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	53.38	0.58	S 26.8 E
1	5398	0.8	147.9	5396.43	-0.88	-76.20	53.26	2.13	S 32.1 E
2	5400	0.5	150.3	5398.43	-0.90	-76.19	53.24	15.06	S 29.7 E
3	5402	0.1	131.0	5400.43	-0.90	-76.18	53.23	20.35	S 49.0 E
4	5404	0.7	355.4	5402.43	-0.89	-76.18	53.24	38.73	N 4.6 W
5	5406	2.1	336.7	5404.43	-0.85	-76.20	53.28	72.72	N 23.3 W
6	5408	3.5	335.3	5406.43	-0.76	-76.24	53.37	70.08	N 24.7 W
7	5410	5.0	335.6	5408.42	-0.62	-76.30	53.51	75.01	N 24.4 W
8	5412	6.7	335.2	5410.41	-0.44	-76.38	53.70	85.02	N 24.8 W
9	5414	8.3	335.2	5412.39	-0.20	-76.49	53.95	80.00	N 24.8 W
10	5416	10.0	335.4	5414.37	0.09	-76.63	54.25	85.01	N 24.6 W
11	5418	11.8	334.8	5416.33	0.43	-76.79	54.60	90.18	N 25.2 W
12	5420	13.4	334.9	5418.28	0.83	-76.97	55.01	80.01	N 25.1 W
13	5422	15.1	335.1	5420.22	1.27	-77.18	55.47	85.04	N 24.9 W
14	5424	16.9	335.3	5422.14	1.77	-77.41	55.99	90.04	N 24.7 W
15	5426	18.4	335.4	5424.05	2.32	-77.66	56.56	75.02	N 24.6 W
16	5428	20.1	335.6	5425.94	2.92	-77.94	57.18	85.06	N 24.4 W
17	5430	21.7	335.8	5427.81	3.57	-78.23	57.84	80.08	N 24.2 W
18	5432	23.2	336.0	5429.65	4.27	-78.54	58.56	75.10	N 24.0 W
19	5434	24.7	336.1	5431.48	5.01	-78.87	59.32	75.03	N 23.9 W
20	5436	26.4	336.3	5433.29	5.80	-79.22	60.12	85.11	N 23.7 W
21	5438	27.9	336.5	5435.07	6.64	-79.59	60.97	75.14	N 23.5 W
22	5440	29.4	336.7	5436.82	7.52	-79.97	61.86	75.15	N 23.3 W
23	5442	31.0	336.7	5438.55	8.44	-80.36	62.80	80.00	N 23.3 W
24	5444	32.4	339.6	5440.25	9.42	-80.75	63.76	103.45	N 20.4 W
25	5446	33.9	342.2	5441.93	10.45	-81.11	64.74	103.32	N 17.8 W
26	5448	35.2	344.3	5443.57	11.54	-81.44	65.74	88.15	N 15.7 W
27	5450	36.7	346.3	5445.19	12.67	-81.74	66.76	95.24	N 13.7 W
28	5452	37.9	348.0	5446.78	13.85	-82.01	67.78	79.07	N 12.0 W
29	5454	39.3	349.7	5448.35	15.08	-82.25	68.82	87.81	N 10.3 W
30	5456	41.1	351.6	5449.87	16.35	-82.46	69.87	108.90	N 8.4 W
31	5458	42.4	353.1	5451.37	17.67	-82.63	70.93	81.97	N 6.9 W
32	5460	43.7	354.6	5452.83	19.03	-82.78	71.99	82.74	N 5.4 W
33	5462	45.0	356.0	5454.26	20.42	-82.89	73.05	81.36	N 4.0 W
34	5464	46.4	357.3	5455.65	21.85	-82.98	74.12	84.05	N 2.7 W
35	5466	47.9	358.2	5457.01	23.32	-83.03	75.20	81.93	N 1.8 W
36	5468	49.4	358.9	5458.34	24.82	-83.07	76.29	79.47	N 1.1 W
37	5470	51.0	359.5	5459.62	26.35	-83.09	77.39	83.25	N 0.5 W
38	5472	52.4	359.4	5460.86	27.92	-83.11	78.51	70.11	N 0.6 W
39	5474	53.7	358.8	5462.06	29.52	-83.13	79.66	69.28	N 1.2 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	55.0	357.9	5463.22	31.15	-83.18	80.84	74.58	N 2.1 W
41	5478	56.3	356.8	5464.35	32.79	-83.26	82.06	79.29	N 3.2 W
42	5480	57.4	355.3	5465.45	34.47	-83.37	83.32	83.47	N 4.7 W
43	5482	58.3	353.8	5466.51	36.15	-83.53	84.63	77.83	N 6.2 W
44	5484	59.2	352.5	5467.55	37.85	-83.74	85.97	71.50	N 7.5 W
45	5486	60.6	350.8	5468.55	39.56	-83.99	87.36	101.52	N 9.2 W
46	5488	61.5	349.8	5469.52	41.28	-84.28	88.79	62.76	N 10.2 W
47	5490	62.5	349.0	5470.46	43.02	-84.61	90.25	61.22	N 11.0 W
48	5492	63.7	348.4	5471.36	44.77	-84.96	91.73	65.69	N 11.6 W
49	5494	64.9	348.0	5472.23	46.53	-85.33	93.24	62.65	N 12.0 W
50	5496	66.2	347.6	5473.06	48.31	-85.71	94.77	67.50	N 12.4 W
51	5498	67.7	347.5	5473.84	50.11	-86.11	96.32	75.14	N 12.5 W
52	5500	69.0	347.4	5474.58	51.92	-86.51	97.89	65.17	N 12.6 W
53	5502	70.6	347.4	5475.27	53.76	-86.92	99.47	80.00	N 12.6 W
54	5504	72.0	347.4	5475.91	55.61	-87.33	101.07	70.00	N 12.6 W
55	5506	73.4	347.5	5476.50	57.47	-87.75	102.69	70.16	N 12.5 W
56	5508	74.8	347.7	5477.05	59.35	-88.16	104.31	70.66	N 12.3 W
57	5510	76.3	347.8	5477.55	61.24	-88.57	105.93	75.16	N 12.2 W
58	5512	77.8	348.0	5478.00	63.15	-88.98	107.57	75.63	N 12.0 W
59	5514	78.7	347.8	5478.41	65.06	-89.39	109.21	46.05	N 12.2 W
60	5516	80.4	347.9	5478.77	66.98	-89.81	110.87	85.14	N 12.1 W
61	5518	81.8	348.1	5479.08	68.92	-90.22	112.52	70.69	N 11.9 W
62	5520	83.3	348.3	5479.34	70.86	-90.62	114.18	75.65	N 11.7 W
63	5522	84.8	348.3	5479.55	72.80	-91.03	115.85	75.00	N 11.7 W
64	5524	86.0	348.2	5479.71	74.76	-91.43	117.51	60.21	N 11.8 W
65	5526	87.4	348.2	5479.82	76.71	-91.84	119.18	70.00	N 11.8 W
66	5528	88.4	348.1	5479.89	78.67	-92.25	120.86	50.25	N 11.9 W
67	5530	89.2	348.0	5479.94	80.62	-92.66	122.53	40.31	N 12.0 W
68	5532	90.0	347.9	5479.95	82.58	-93.08	124.21	40.31	N 12.1 W
69	5534	90.3	347.6	5479.95	84.53	-93.51	125.89	21.21	N 12.4 W
70	5536	90.7	347.4	5479.93	86.49	-93.94	127.58	22.36	N 12.6 W
71	5538	90.9	347.2	5479.90	88.44	-94.38	129.27	14.14	N 12.8 W
72	5540	91.0	346.9	5479.87	90.39	-94.83	130.97	15.81	N 13.1 W
73	5550	90.0	344.9	5479.78	100.08	-97.26	139.55	22.36	N 15.1 W
74	5560	88.6	343.3	5479.90	109.70	-100.00	148.28	21.26	N 16.7 W
75	5570	87.6	341.6	5480.23	119.23	-103.02	157.15	19.71	N 18.4 W
76	5580	87.1	339.7	5480.70	128.65	-106.33	166.16	19.63	N 20.3 W
77	5590	86.1	337.6	5481.29	137.95	-109.96	175.30	23.23	N 22.4 W
78	5600	86.1	335.7	5481.97	147.11	-113.91	184.57	18.96	N 24.3 W
79	5610	86.8	334.3	5482.59	156.15	-118.13	193.95	15.63	N 25.7 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5620	87.4	333.0	5483.09	165.10	-122.56	203.41	14.30	N 27.0 W
81	5630	87.9	331.9	5483.50	173.96	-127.19	212.94	12.07	N 28.1 W
82	5640	88.5	330.7	5483.82	182.73	-131.99	222.54	13.41	N 29.3 W
83	5650	89.3	329.3	5484.01	191.39	-136.98	232.19	16.12	N 30.7 W
84	5660	90.2	328.6	5484.05	199.95	-142.14	241.90	11.40	N 31.4 W
85	5670	91.4	328.2	5483.91	208.47	-147.38	251.63	12.65	N 31.8 W
86	5680	92.6	327.5	5483.57	216.93	-152.70	261.37	13.89	N 32.5 W
87	5690	93.3	326.7	5483.05	225.32	-158.12	271.13	10.62	N 33.3 W
88	5700	93.7	325.7	5482.44	233.61	-163.68	280.92	10.75	N 34.3 W
89	5710	93.9	324.1	5481.78	241.77	-169.41	290.75	16.09	N 35.9 W
90	5720	93.2	323.0	5481.16	249.80	-175.34	300.62	13.02	N 37.0 W
91	5730	91.7	321.1	5480.73	257.68	-181.49	310.54	24.19	N 38.9 W
92	5740	89.6	318.8	5480.62	265.33	-187.92	320.50	31.14	N 41.2 W
93	5750	87.9	316.5	5480.84	272.72	-194.65	330.48	28.60	N 43.5 W
94	5760	87.4	314.3	5481.25	279.84	-201.67	340.48	22.54	N 45.7 W
95	5770	87.2	313.6	5481.72	286.77	-208.86	350.46	7.27	N 46.4 W
96	5780	87.0	312.7	5482.22	293.60	-216.15	360.44	9.21	N 47.3 W
97	5790	87.5	312.3	5482.70	300.35	-223.51	370.42	6.40	N 47.7 W
98	5800	88.4	311.7	5483.06	307.03	-230.94	380.40	10.81	N 48.3 W
99	5810	89.3	311.6	5483.26	313.68	-238.41	390.38	9.06	N 48.4 W
100	5820	90.3	311.6	5483.30	320.32	-245.89	400.37	10.00	N 48.4 W
101	5830	91.1	311.6	5483.17	326.96	-253.36	410.35	8.00	N 48.4 W
102	5840	91.9	311.3	5482.91	333.57	-260.86	420.33	8.54	N 48.7 W
103	5850	92.6	310.5	5482.52	340.12	-268.41	430.29	10.63	N 49.5 W
104	5860	92.9	308.8	5482.04	346.49	-276.10	440.24	17.24	N 51.2 W
105	5870	93.2	308.0	5481.51	352.69	-283.93	450.16	8.53	N 52.0 W
106	5880	93.5	307.6	5480.92	358.81	-291.81	460.06	4.99	N 52.4 W
107	5890	93.8	306.8	5480.29	364.84	-299.76	469.95	8.53	N 53.2 W
108	5900	93.0	306.8	5479.69	370.82	-307.76	479.83	8.00	N 53.2 W
109	5910	90.7	307.0	5479.37	376.82	-315.75	489.72	23.09	N 53.0 W
110	5920	89.8	307.7	5479.33	382.89	-323.70	499.63	11.40	N 52.3 W
111	5930	90.1	307.9	5479.34	389.02	-331.60	509.55	3.61	N 52.1 W
112	5940	90.6	308.0	5479.27	395.17	-339.48	519.48	5.10	N 52.0 W
113	5950	91.2	307.8	5479.12	401.31	-347.37	529.40	6.32	N 52.2 W
114	5960	91.0	307.7	5478.93	407.43	-355.28	539.32	2.24	N 52.3 W
115	5970	91.2	307.7	5478.73	413.55	-363.19	549.24	2.00	N 52.3 W
116	5980	92.0	308.4	5478.45	419.71	-371.06	559.16	10.63	N 51.6 W
117	5990	92.4	308.8	5478.07	425.94	-378.87	569.09	5.65	N 51.2 W
118	6000	92.6	309.0	5477.63	432.22	-386.65	579.02	2.83	N 51.0 W
119	6010	92.6	309.3	5477.18	438.52	-394.39	588.96	3.00	N 50.7 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	6020	92.7	308.0	5476.72	444.76	-402.19	598.89	13.02	N 52.0 W
121	6030	93.1	308.1	5476.21	450.92	-410.06	608.80	4.12	N 51.9 W
122	6040	93.3	308.2	5475.65	457.08	-417.91	618.71	2.24	N 51.8 W
123	6050	93.3	308.3	5475.08	463.26	-425.75	628.63	1.00	N 51.7 W
124	6060	92.6	308.5	5474.56	469.47	-433.58	638.55	7.28	N 51.5 W
125	6070	91.5	308.5	5474.21	475.69	-441.40	648.48	11.00	N 51.5 W
126	6080	89.6	308.6	5474.11	481.92	-449.22	658.41	19.03	N 51.4 W
127	6090	86.7	308.0	5474.43	488.11	-457.06	668.34	29.61	N 52.0 W
128	6100	86.0	308.0	5475.07	494.26	-464.92	678.24	7.00	N 52.0 W
129	6110	85.8	308.8	5475.78	500.45	-472.74	688.15	8.23	N 51.2 W
130	6120	85.9	308.6	5476.51	506.69	-480.53	698.07	2.23	N 51.4 W
131	6130	86.0	308.5	5477.21	512.91	-488.33	707.98	1.41	N 51.5 W
132	6140	85.9	307.6	5477.92	519.05	-496.18	717.88	9.03	N 52.4 W
133	6150	85.5	308.1	5478.67	525.17	-504.06	727.77	6.39	N 51.9 W
134	6160	84.6	308.6	5479.53	531.35	-511.87	737.67	10.29	N 51.4 W
135	6170	84.7	309.0	5480.47	537.59	-519.63	747.57	4.11	N 51.0 W
136	6180	85.4	309.3	5481.33	543.88	-527.35	757.48	7.61	N 50.7 W
137	6190	86.4	309.4	5482.04	550.21	-535.07	767.40	10.05	N 50.6 W
138	6200	87.4	309.5	5482.58	556.55	-542.78	777.34	10.05	N 50.5 W
139	6210	87.8	309.6	5483.00	562.91	-550.48	787.29	4.12	N 50.4 W
140	6220	87.6	309.9	5483.40	569.30	-558.16	797.24	3.60	N 50.1 W
141	6230	88.2	309.9	5483.77	575.71	-565.83	807.19	6.00	N 50.1 W
142	6240	91.5	310.8	5483.80	582.19	-573.45	817.16	34.20	N 49.2 W
143	6250	93.7	311.6	5483.34	588.77	-580.97	827.13	23.41	N 48.4 W
144	6260	93.8	311.9	5482.69	595.41	-588.41	837.09	3.16	N 48.1 W
145	6270	93.3	311.8	5482.07	602.07	-595.84	847.05	5.10	N 48.2 W
146	6280	93.5	311.5	5481.48	608.70	-603.30	857.02	3.60	N 48.5 W
147	6290	93.8	311.7	5480.84	615.33	-610.77	866.98	3.60	N 48.3 W
148	6300	93.9	311.7	5480.17	621.97	-618.22	876.94	1.00	N 48.3 W
149	6310	93.9	311.6	5479.49	628.60	-625.67	886.90	1.00	N 48.4 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
150	6320	93.7	310.0	5478.83	635.12	-633.22	896.85	16.09	N 50.0 W
151	6330	93.4	309.4	5478.21	641.49	-640.90	906.79	6.70	N 50.6 W
152	6333	93.3	309.3	5478.03	643.39	-643.22	909.77	4.71	N 50.7 W
153	6343	93.0	309.0	5477.48	649.69	-650.96	919.70	4.71	N 51.0 W
154	6353	92.6	308.6	5477.00	655.95	-658.75	929.63	4.71	N 51.4 W

Survey No. 0 is a tie into a SDI Finder Gyro.
Survey No. 3 is Sidetrack point for Leg #4
Surveys No. 1 - 152 are by Becfield Steering Tool.
Surveys No. 153 & 154 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 929.64 feet
Displacement Bearing: North 45.12° West

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

5. Lease Designation and Serial No.
I-149-IND-8839 A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

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

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

7. If Unit or CA, Agreement Designation
ANETH UNIT

8. Well Name and Number
ANETH UNIT
J230

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.
4303730240

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

10. Field and Pool, Exploaratory Area
DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area
Sec. 30, Township T40S, Range R25E

At Total Depth 5th LATERAL
1371' FNL & 51' FWL, SEC. 30 T40S/R24E

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
11/19/75	12/7/75	2/27/96	4680' GR	4688' KB

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
6303'(MD), 5503'(TVD)	6303'(MD), 5503'(TVD)			5500'-6303'	NO

24. Producing Interval(s), Of This Completion -- Top, Bottom, Name (MD and TVD)*
5TH LATERAL, NW DIRECTION: 5500'(KOP) - 6303'(MD)

25. Was Directional Survey Made
YES

26. Type Electric and Other Logs Run
FINDER GYRO

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
8-5/8"	28.0#	504'	12-1/47"	300 SKS	CIRC.
5-1/2"	15.5#	5681'	7-7/8"	300 SKS	TOC=4350
DV TOOL		2780'		450 SKS	TOC=250'
					(est.)

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5224'	

RECEIVED
MAY 28 1996
DIV. OF OIL, GAS & MINING

31. Perforation record (interval, size, and number)
5TH LATERAL - NORTHWEST DIRECTION
HORIZONTAL OPEN HOLE: 5500' - 6303'(MD)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5642'-5398'	CMT PLUG FROM PBTD TO KOP
5628'-5472'	SQZ OLD PERFS W/ 150 SKS CMT

33. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - size and type pump)	Well Status (Prod. or Shut-in)
2/27/96	PUMPING (144 HP ESP PUMP)	PRODUCING

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/96	24			148	51	1277	344

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
--------	--------		148	51	1277	42

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

Test Witnessed By
MIKE LOVE

35. List of Attachments
SUNDRY, DEVIATION REPORT

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 5/20/96

TYPE OR PRINT NAME Ted A. Tipton

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
DeCHELLY	2590'	
HERMOSA	4660'	
ISMAY	5318'	
DESERT CREEK	5472'	

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	53.38	0.58	S 26.8 E
1	5398	0.8	147.9	5396.43	-0.88	-76.20	53.26	2.13	S 32.1 E
2	5400	0.5	150.3	5398.43	-0.90	-76.19	53.24	15.06	S 29.7 E
3	5402	0.1	131.0	5400.43	-0.90	-76.18	53.23	20.35	S 49.0 E
4	5404	0.7	355.4	5402.43	-0.89	-76.18	53.24	38.73	N 4.6 W
5	5406	2.1	336.7	5404.43	-0.85	-76.20	53.28	72.72	N 23.3 W
6	5408	3.5	335.3	5406.43	-0.76	-76.24	53.37	70.08	N 24.7 W
7	5410	5.0	335.6	5408.42	-0.62	-76.30	53.51	75.01	N 24.4 W
8	5412	6.7	335.2	5410.41	-0.44	-76.38	53.70	85.02	N 24.8 W
9	5414	8.3	335.2	5412.39	-0.20	-76.49	53.95	80.00	N 24.8 W
10	5416	10.0	335.4	5414.37	0.09	-76.63	54.25	85.01	N 24.6 W
11	5418	11.8	334.8	5416.33	0.43	-76.79	54.60	90.18	N 25.2 W
12	5420	13.4	334.9	5418.28	0.83	-76.97	55.01	80.01	N 25.1 W
13	5422	15.1	335.1	5420.22	1.27	-77.18	55.47	85.04	N 24.9 W
14	5424	16.9	335.3	5422.14	1.77	-77.41	55.99	90.04	N 24.7 W
15	5426	18.4	335.4	5424.05	2.32	-77.66	56.56	75.02	N 24.6 W
16	5428	20.1	335.6	5425.94	2.92	-77.94	57.18	85.06	N 24.4 W
17	5430	21.7	335.8	5427.81	3.57	-78.23	57.84	80.08	N 24.2 W
18	5432	23.2	336.0	5429.65	4.27	-78.54	58.56	75.10	N 24.0 W
19	5434	24.7	336.1	5431.48	5.01	-78.87	59.32	75.03	N 23.9 W
20	5436	26.4	336.3	5433.29	5.80	-79.22	60.12	85.11	N 23.7 W
21	5438	27.9	336.5	5435.07	6.64	-79.59	60.97	75.14	N 23.5 W
22	5440	29.4	336.7	5436.82	7.52	-79.97	61.86	75.15	N 23.3 W
23	5442	31.0	336.7	5438.55	8.44	-80.36	62.80	80.00	N 23.3 W
24	5444	32.4	339.6	5440.25	9.42	-80.75	63.76	103.45	N 20.4 W
25	5446	33.9	342.2	5441.93	10.45	-81.11	64.74	103.32	N 17.8 W
26	5448	35.2	344.3	5443.57	11.54	-81.44	65.74	88.15	N 15.7 W
27	5450	36.7	346.3	5445.19	12.67	-81.74	66.76	95.24	N 13.7 W
28	5452	37.9	348.0	5446.78	13.85	-82.01	67.78	79.07	N 12.0 W
29	5454	39.3	349.7	5448.35	15.08	-82.25	68.82	87.81	N 10.3 W
30	5456	41.1	351.6	5449.87	16.35	-82.46	69.87	108.90	N 8.4 W
31	5458	42.4	353.1	5451.37	17.67	-82.63	70.93	81.97	N 6.9 W
32	5460	43.7	354.6	5452.83	19.03	-82.78	71.99	82.74	N 5.4 W
33	5462	45.0	356.0	5454.26	20.42	-82.89	73.05	81.36	N 4.0 W
34	5464	46.4	357.3	5455.65	21.85	-82.98	74.12	84.05	N 2.7 W
35	5466	47.9	358.2	5457.01	23.32	-83.03	75.20	81.93	N 1.8 W
36	5468	49.4	358.9	5458.34	24.82	-83.07	76.29	79.47	N 1.1 W
37	5470	51.0	359.5	5459.62	26.35	-83.09	77.39	83.25	N 0.5 W
38	5472	52.4	359.4	5460.86	27.92	-83.11	78.51	70.11	N 0.6 W
39	5474	53.7	358.8	5462.06	29.52	-83.13	79.66	69.28	N 1.2 W
40	5476	55.0	357.9	5463.22	31.15	-83.18	80.84	74.58	N 2.1 W
41	5478	56.3	356.8	5464.35	32.79	-83.26	82.06	79.29	N 3.2 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
42	5480	57.4	355.3	5465.45	34.47	-83.37	83.32	83.47	N 4.7 W
43	5482	58.3	353.8	5466.51	36.15	-83.53	84.63	77.83	N 6.2 W
44	5484	59.2	352.5	5467.55	37.85	-83.74	85.97	71.50	N 7.5 W
45	5486	60.6	350.8	5468.55	39.56	-83.99	87.36	101.52	N 9.2 W
46	5488	61.5	349.8	5469.52	41.28	-84.28	88.79	62.76	N 10.2 W
47	5490	62.5	349.0	5470.46	43.02	-84.61	90.25	61.22	N 11.0 W
48	5492	63.7	348.4	5471.36	44.77	-84.96	91.73	65.69	N 11.6 W
49	5494	64.9	348.0	5472.23	46.53	-85.33	93.24	62.65	N 12.0 W
50	5496	66.2	347.6	5473.06	48.31	-85.71	94.77	67.50	N 12.4 W
51	5498	67.7	347.5	5473.84	50.11	-86.11	96.32	75.14	N 12.5 W
52	5500	69.0	347.4	5474.58	51.92	-86.51	97.89	65.17	N 12.6 W
53	5502	63.3	345.6	5475.39	53.70	-86.94	99.45	296.63	N 14.4 W
54	5504	62.9	345.2	5476.29	55.43	-87.39	100.99	26.80	N 14.8 W
55	5506	62.7	344.8	5477.21	57.15	-87.85	102.53	20.41	N 15.2 W
56	5508	62.7	344.6	5478.12	58.86	-88.32	104.07	8.89	N 15.4 W
57	5510	62.6	344.3	5479.04	60.57	-88.79	105.62	14.23	N 15.7 W
58	5512	62.8	344.0	5479.96	62.28	-89.28	107.17	16.66	N 16.0 W
59	5514	63.1	343.9	5480.87	63.99	-89.77	108.73	15.65	N 16.1 W
60	5516	63.2	344.3	5481.77	65.71	-90.26	110.29	18.53	N 15.7 W
61	5518	63.6	344.2	5482.67	67.43	-90.75	111.85	20.49	N 15.8 W
62	5520	64.1	344.0	5483.55	69.16	-91.24	113.42	26.56	N 16.0 W
63	5522	64.8	344.1	5484.41	70.89	-91.73	114.99	35.29	N 15.9 W
64	5524	65.4	344.2	5485.25	72.64	-92.23	116.58	30.34	N 15.8 W
65	5526	66.0	344.4	5486.08	74.39	-92.72	118.17	31.35	N 15.6 W
66	5528	66.5	344.5	5486.88	76.16	-93.21	119.76	25.42	N 15.5 W
67	5530	67.0	344.5	5487.67	77.93	-93.70	121.36	25.00	N 15.5 W
68	5532	67.8	344.6	5488.44	79.71	-94.20	122.97	40.27	N 15.4 W
69	5534	68.4	344.6	5489.19	81.50	-94.69	124.58	30.00	N 15.4 W
70	5536	69.0	344.7	5489.91	83.29	-95.18	126.20	30.36	N 15.3 W
71	5538	69.7	344.7	5490.62	85.10	-95.68	127.83	35.00	N 15.3 W
72	5540	70.2	344.7	5491.30	86.91	-96.17	129.46	25.00	N 15.3 W
73	5542	70.8	344.7	5491.97	88.73	-96.67	131.10	30.00	N 15.3 W
74	5544	71.3	344.7	5492.62	90.55	-97.17	132.74	25.00	N 15.3 W
75	5546	71.8	344.7	5493.25	92.38	-97.67	134.39	25.00	N 15.3 W
76	5548	72.2	344.8	5493.87	94.22	-98.17	136.04	20.56	N 15.2 W
77	5550	72.7	344.8	5494.47	96.06	-98.67	137.69	25.00	N 15.2 W
78	5552	73.1	344.8	5495.06	97.90	-99.17	139.35	20.00	N 15.2 W
79	5554	73.4	344.8	5495.64	99.75	-99.67	141.01	15.00	N 15.2 W
80	5556	73.8	344.8	5496.20	101.60	-100.18	142.68	20.00	N 15.2 W
81	5558	73.9	344.1	5496.76	103.45	-100.69	144.35	33.99	N 15.9 W
82	5560	74.1	344.1	5497.31	105.30	-101.22	146.03	10.00	N 15.9 W
83	5562	74.2	344.0	5497.86	107.15	-101.75	147.71	6.94	N 16.0 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
84	5564	74.3	343.9	5498.40	109.00	-102.28	149.40	6.94	N 16.1 W
85	5566	74.4	343.8	5498.94	110.85	-102.81	151.08	6.94	N 16.2 W
86	5568	74.5	343.6	5499.48	112.70	-103.35	152.77	10.85	N 16.4 W
87	5570	74.6	343.5	5500.01	114.55	-103.90	154.47	6.94	N 16.5 W
88	5572	74.7	343.2	5500.54	116.40	-104.45	156.16	15.30	N 16.8 W
89	5574	74.8	343.0	5501.06	118.24	-105.01	157.87	10.87	N 17.0 W
90	5576	74.9	342.8	5501.59	120.09	-105.58	159.57	10.87	N 17.2 W
91	5578	75.1	342.6	5502.10	121.93	-106.16	161.28	13.90	N 17.4 W
92	5580	75.3	342.7	5502.62	123.78	-106.73	163.00	11.11	N 17.3 W
93	5582	75.4	342.3	5503.12	125.62	-107.31	164.71	19.99	N 17.7 W
94	5584	75.6	342.1	5503.62	127.47	-107.91	166.43	13.92	N 17.9 W
95	5586	75.7	341.8	5504.12	129.31	-108.51	168.16	15.37	N 18.2 W
96	5588	75.9	341.4	5504.61	131.15	-109.12	169.90	21.82	N 18.6 W
97	5590	76.1	341.3	5505.09	132.99	-109.74	171.63	11.11	N 18.7 W
98	5592	76.1	340.8	5505.57	134.83	-110.37	173.38	24.27	N 19.2 W
99	5594	76.2	340.7	5506.05	136.66	-111.01	175.13	6.97	N 19.3 W
100	5596	76.5	340.5	5506.52	138.49	-111.66	176.88	17.87	N 19.5 W
101	5598	76.7	340.3	5506.99	140.32	-112.31	178.64	13.95	N 19.7 W
102	5600	76.9	339.9	5507.44	142.16	-112.97	180.40	21.89	N 20.1 W
103	5602	77.1	339.8	5507.89	143.98	-113.64	182.17	11.12	N 20.2 W
104	5604	77.3	339.7	5508.34	145.81	-114.32	183.94	11.13	N 20.3 W
105	5606	77.5	339.5	5508.77	147.64	-115.00	185.72	13.97	N 20.5 W
106	5608	77.7	339.4	5509.20	149.47	-115.68	187.49	11.13	N 20.6 W
107	5610	77.8	339.2	5509.63	151.30	-116.37	189.28	10.98	N 20.8 W
108	5612	78.0	339.1	5510.05	153.13	-117.07	191.06	11.13	N 20.9 W
109	5614	78.2	339.0	5510.46	154.96	-117.77	192.85	11.13	N 21.0 W
110	5616	78.4	338.8	5510.86	156.78	-118.47	194.64	14.00	N 21.2 W
111	5618	78.6	338.7	5511.26	158.61	-119.19	196.43	11.14	N 21.3 W
112	5620	78.9	338.6	5511.65	160.44	-119.90	198.23	15.78	N 21.4 W
113	5622	79.1	338.4	5512.03	162.26	-120.62	200.03	14.01	N 21.6 W
114	5624	79.4	338.3	5512.41	164.09	-121.34	201.83	15.78	N 21.7 W
115	5626	79.7	338.1	5512.77	165.92	-122.07	203.64	17.94	N 21.9 W
116	5628	80.0	337.9	5513.12	167.74	-122.81	205.45	17.94	N 22.1 W
117	5630	80.4	337.7	5513.46	169.57	-123.56	207.27	22.30	N 22.3 W
118	5632	80.9	337.6	5513.79	171.39	-124.31	209.09	25.48	N 22.4 W
119	5634	81.3	337.6	5514.10	173.22	-125.06	210.91	20.00	N 22.4 W
120	5636	81.7	337.5	5514.39	175.05	-125.81	212.74	20.60	N 22.5 W
121	5638	82.2	337.3	5514.67	176.87	-126.58	214.57	26.89	N 22.7 W
122	5640	82.6	337.0	5514.94	178.70	-127.35	216.41	24.92	N 23.0 W
123	5642	83.0	336.9	5515.19	180.53	-128.12	218.25	20.61	N 23.1 W
124	5644	83.3	336.9	5515.43	182.35	-128.90	220.09	15.00	N 23.1 W
125	5646	83.8	336.7	5515.65	184.18	-129.68	221.94	26.90	N 23.3 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
126	5648	84.0	336.8	5515.86	186.01	-130.47	223.78	11.17	N 23.2 W
127	5650	84.3	336.5	5516.07	187.83	-131.26	225.63	21.16	N 23.5 W
128	5652	84.4	336.4	5516.27	189.66	-132.05	227.48	7.05	N 23.6 W
129	5654	84.6	336.2	5516.46	191.48	-132.85	229.34	14.11	N 23.8 W
130	5656	84.7	336.0	5516.64	193.30	-133.66	231.20	11.14	N 24.0 W
131	5658	84.9	335.8	5516.82	195.12	-134.47	233.06	14.11	N 24.2 W
132	5660	84.9	335.7	5517.00	196.94	-135.29	234.92	4.98	N 24.3 W
133	5662	85.1	335.5	5517.18	198.75	-136.11	236.79	14.12	N 24.5 W
134	5664	85.2	335.4	5517.35	200.56	-136.94	238.65	7.06	N 24.6 W
135	5666	85.5	335.2	5517.51	202.37	-137.78	240.52	18.01	N 24.8 W
136	5668	85.6	334.9	5517.66	204.18	-138.62	242.40	15.77	N 25.1 W
137	5670	85.7	334.9	5517.81	205.99	-139.46	244.27	5.00	N 25.1 W
138	5672	85.9	334.9	5517.96	207.79	-140.31	246.15	10.00	N 25.1 W
139	5674	86.2	334.7	5518.10	209.60	-141.16	248.02	18.01	N 25.3 W
140	5676	86.4	334.5	5518.23	211.40	-142.01	249.90	14.13	N 25.5 W
141	5678	86.6	334.2	5518.35	213.20	-142.88	251.79	18.00	N 25.8 W
142	5680	86.6	333.9	5518.47	215.00	-143.75	253.67	14.97	N 26.1 W
143	5682	86.9	333.8	5518.58	216.79	-144.63	255.56	15.81	N 26.2 W
144	5684	87.1	333.7	5518.69	218.58	-145.52	257.46	11.18	N 26.3 W
145	5686	87.2	333.6	5518.79	220.37	-146.40	259.35	7.07	N 26.4 W
146	5688	87.4	333.6	5518.88	222.16	-147.29	261.24	10.00	N 26.4 W
147	5690	87.8	333.6	5518.96	223.95	-148.18	263.14	20.00	N 26.4 W
148	5692	87.9	333.6	5519.04	225.74	-149.07	265.03	5.00	N 26.4 W
149	5694	88.1	333.5	5519.11	227.53	-149.96	266.92	11.18	N 26.5 W
150	5696	88.4	333.4	5519.17	229.32	-150.85	268.82	15.81	N 26.6 W
151	5698	88.5	333.5	5519.22	231.11	-151.75	270.72	7.07	N 26.5 W
152	5700	88.8	333.5	5519.27	232.90	-152.64	272.61	15.00	N 26.5 W
153	5710	90.4	333.6	5519.34	241.85	-157.09	282.09	16.03	N 26.4 W
154	5720	92.1	334.2	5519.12	250.83	-161.49	291.55	18.03	N 25.8 W
155	5730	93.5	334.7	5518.63	259.84	-165.80	300.97	14.86	N 25.3 W
156	5740	94.6	334.1	5517.93	268.83	-170.11	310.38	12.52	N 25.9 W
157	5750	94.9	333.0	5517.10	277.76	-174.55	319.83	11.37	N 27.0 W
158	5760	94.7	331.2	5516.26	286.56	-179.21	329.35	18.05	N 28.8 W
159	5770	94.9	328.5	5515.43	295.18	-184.21	338.98	26.98	N 31.5 W
160	5780	95.0	326.8	5514.56	303.59	-189.54	348.70	16.97	N 33.2 W
161	5790	95.0	325.5	5513.69	311.87	-195.09	358.48	12.95	N 34.5 W
162	5800	94.1	324.3	5512.90	320.02	-200.82	368.30	14.97	N 35.7 W
163	5810	91.6	322.1	5512.40	328.02	-206.81	378.18	33.28	N 37.9 W
164	5820	90.0	319.2	5512.26	335.75	-213.15	388.13	33.12	N 40.8 W
165	5830	89.1	317.1	5512.34	343.20	-219.82	398.11	22.85	N 42.9 W
166	5840	88.8	315.5	5512.52	350.43	-226.72	408.11	16.28	N 44.5 W
167	5850	89.3	314.1	5512.69	357.47	-233.82	418.11	14.86	N 45.9 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
168	5860	89.9	313.2	5512.76	364.37	-241.05	428.10	10.82	N 46.8 W
169	5870	91.0	311.7	5512.68	371.12	-248.43	438.09	18.60	N 48.3 W
170	5880	92.3	310.4	5512.39	377.69	-255.97	448.06	18.38	N 49.6 W
171	5890	93.0	308.0	5511.93	384.00	-263.71	458.00	24.98	N 52.0 W
172	5900	94.2	306.7	5511.30	390.06	-271.64	467.89	17.67	N 53.3 W
173	5910	95.6	305.4	5510.45	395.92	-279.70	477.73	19.07	N 54.6 W
174	5920	96.6	304.8	5509.39	401.64	-287.83	487.53	11.64	N 55.2 W
175	5930	97.2	303.8	5508.18	407.23	-296.04	497.28	11.60	N 56.2 W
176	5940	97.4	303.2	5506.91	412.70	-304.31	507.00	6.28	N 56.8 W
177	5950	98.1	303.2	5505.57	418.13	-312.60	516.70	7.00	N 56.8 W
178	5960	97.9	303.5	5504.17	423.57	-320.87	526.40	3.58	N 56.5 W
179	5970	93.5	304.2	5503.18	429.12	-329.13	536.16	44.55	N 55.8 W
180	5980	90.9	303.2	5502.80	434.66	-337.44	545.96	27.85	N 56.8 W
181	5990	90.5	303.4	5502.67	440.15	-345.80	555.75	4.47	N 56.6 W
182	6000	90.8	303.5	5502.56	445.66	-354.14	565.55	3.16	N 56.5 W
183	6010	90.9	303.1	5502.41	451.15	-362.50	575.34	4.12	N 56.9 W
184	6020	91.0	303.0	5502.25	456.60	-370.88	585.12	1.41	N 57.0 W
185	6030	90.5	303.0	5502.12	462.05	-379.27	594.90	5.00	N 57.0 W
186	6040	89.2	302.6	5502.14	467.47	-387.67	604.68	13.60	N 57.4 W
187	6050	88.8	303.5	5502.32	472.92	-396.05	614.46	9.85	N 56.5 W
188	6060	88.4	303.5	5502.56	478.44	-404.39	624.25	4.00	N 56.5 W
189	6070	88.6	303.7	5502.82	483.97	-412.72	634.05	2.83	N 56.3 W
190	6080	89.0	303.9	5503.03	489.53	-421.03	643.86	4.47	N 56.1 W
191	6090	89.2	303.6	5503.19	495.09	-429.34	653.67	3.61	N 56.4 W
192	6100	89.3	303.1	5503.32	500.58	-437.69	663.46	5.10	N 56.9 W
193	6110	89.2	302.2	5503.45	505.98	-446.11	673.23	9.05	N 57.8 W
194	6120	89.2	301.6	5503.59	511.26	-454.60	682.97	6.00	N 58.4 W
195	6130	89.7	301.4	5503.69	516.49	-463.13	692.69	5.39	N 58.6 W
196	6140	90.4	301.1	5503.68	521.67	-471.67	702.40	7.62	N 58.9 W
197	6150	90.7	301.1	5503.58	526.84	-480.24	712.11	3.00	N 58.9 W
198	6160	91.0	300.9	5503.43	531.99	-488.81	721.81	3.61	N 59.1 W
199	6170	91.0	299.7	5503.26	537.03	-497.44	731.48	12.00	N 60.3 W
200	6180	91.7	299.7	5503.02	541.99	-506.12	741.13	7.00	N 60.3 W
201	6190	92.3	299.9	5502.67	546.95	-514.80	750.77	6.32	N 60.1 W
202	6200	92.6	298.9	5502.25	551.86	-523.50	760.39	10.43	N 61.1 W
203	6210	92.2	299.2	5501.83	556.71	-532.23	770.00	5.00	N 60.8 W
204	6220	91.8	299.6	5501.48	561.61	-540.94	779.62	5.66	N 60.4 W
205	6230	90.7	302.6	5501.26	566.78	-549.50	789.33	31.95	N 57.4 W
206	6240	88.8	304.1	5501.30	572.28	-557.85	799.12	24.21	N 55.9 W
207	6250	87.5	305.1	5501.63	577.95	-566.08	808.95	16.40	N 54.9 W
208	6260	86.7	305.8	5502.13	583.74	-574.22	818.80	10.62	N 54.2 W
209	6270	86.8	306.3	5502.70	589.62	-582.29	828.66	5.09	N 53.7 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
210	6280	87.6	306.4	5503.19	595.54	-590.33	838.54	8.06	N 53.6 W
211	6283	88.0	306.5	5503.30	597.32	-592.74	841.50	13.74	N 53.5 W
212	6293	89.3	306.8	5503.54	603.29	-600.76	851.39	13.74	N 53.2 W
213	6303	90.7	307.2	5503.54	609.31	-608.75	861.30	13.74	N 52.8 W

Survey No. 0 is a tie in to S.D.I. Finder Gyro
Survey No. 52 is Sidetrack point for Leg #5
Surveys No. 1 - 211 are by Becfield Steering Tool.
Surveys No. 212 & 213 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 861.30 feet
Displacement Bearing: North 44.97° West

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

5. Lease Designation and Serial No.
I-149-IND-8839 A

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. If Indian, Alottee or Tribe Name
NAVAJO TRIBE

1a. Type of Well: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER

1b. Type of Completion:
NEW WELL [ ] WORK OVER [X] DEEPEN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] OTHER SIDETRACK

7. If Unit or CA, Agreement Designation
ANETH UNIT

8. Well Name and Number
ANETH UNIT
J230

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.
4303730240

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

10. Field and Pool, Explorator Area
DESERT CREEK

11. SEC., T., R., M., or BLK. and Survey or Area
Sec. 30, Township T40S, Range R25E

At Total Depth 6th LATERAL
1349' FNL & 32' FWL, SEC. 30 T40S/R24E

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
11/19/75	12/7/75	2/27/96	4680' GR	4688' KB

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
6318'(MD), 5529'(TVD)	6318'(MD), 5529'(TVD)			5566'-6318'	NO

24. Producing Interval(s), Of This Completion -- Top, Bottom, Name (MD and TVD)*
6TH LATERAL, NW DIRECTION: 5566'(KOP) - 6318'(MD)

25. Was Directional Survey Made
YES

26. Type Electric and Other Logs Run
FINDER GYRO

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
8-5/8"	28.0#	504'	12-1/47"	300 SKS	CIRC.
5-1/2"	15.5#	5681'	7-7/8"	300 SKS	TOC=4350
DV TOOL		2780'		450 SKS	TOC=250'
					(est.)

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	5224'	

RECEIVED
MAY 20 1996
DIV. OF OIL, GAS & MINING

31. Perforation record (interval, size, and number)
6TH LATERAL - NORTHWEST DIRECTION
HORIZONTAL OPEN HOLE: 5566' - 6318'(MD)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
5642'-5398'	CMT PLUG FROM PBTD TO KOP
5628'-5472'	SQZ OLD PERFS W/ 150 SKS CMT

33. PRODUCTION

Date First Production: 2/27/96
Production Method (Flowing, gas lift, pumping - size and type pump): PUMPING (144 HP ESP PUMP)
Well Status (Prod. or Shut-in): PRODUCING

Date of Test	Hours tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/23/96	24			148	51	1277	344

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API -(Corr.)
--------	--------		148	51	1277	42

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

Test Witnessed By
MIKE LOVE

35. List of Attachments
SUNDRY, DEVIATION REPORT

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

SIGNATURE [signature] TITLE Operating Unit Manager DATE 5/20/96

TYPE OR PRINT NAME Ted A. Tipton

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
DeCHELLY	2590'	
HERMOSA	4660'	
ISMAY	5318'	
DESERT CREEK	5472'	

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	53.38	0.58	S 26.8 E
1	5398	0.8	147.9	5396.43	-0.88	-76.20	53.26	2.13	S 32.1 E
2	5400	0.5	150.3	5398.43	-0.90	-76.19	53.24	15.06	S 29.7 E
3	5402	0.1	131.0	5400.43	-0.90	-76.18	53.23	20.35	S 49.0 E
4	5404	0.7	355.4	5402.43	-0.89	-76.18	53.24	38.73	N 4.6 W
5	5406	2.1	336.7	5404.43	-0.85	-76.20	53.28	72.72	N 23.3 W
6	5408	3.5	335.3	5406.43	-0.76	-76.24	53.37	70.08	N 24.7 W
7	5410	5.0	335.6	5408.42	-0.62	-76.30	53.51	75.01	N 24.4 W
8	5412	6.7	335.2	5410.41	-0.44	-76.38	53.70	85.02	N 24.8 W
9	5414	8.3	335.2	5412.39	-0.20	-76.49	53.95	80.00	N 24.8 W
10	5416	10.0	335.4	5414.37	0.09	-76.63	54.25	85.01	N 24.6 W
11	5418	11.8	334.8	5416.33	0.43	-76.79	54.60	90.18	N 25.2 W
12	5420	13.4	334.9	5418.28	0.83	-76.97	55.01	80.01	N 25.1 W
13	5422	15.1	335.1	5420.22	1.27	-77.18	55.47	85.04	N 24.9 W
14	5424	16.9	335.3	5422.14	1.77	-77.41	55.99	90.04	N 24.7 W
15	5426	18.4	335.4	5424.05	2.32	-77.66	56.56	75.02	N 24.6 W
16	5428	20.1	335.6	5425.94	2.92	-77.94	57.18	85.06	N 24.4 W
17	5430	21.7	335.8	5427.81	3.57	-78.23	57.84	80.08	N 24.2 W
18	5432	23.2	336.0	5429.65	4.27	-78.54	58.56	75.10	N 24.0 W
19	5434	24.7	336.1	5431.48	5.01	-78.87	59.32	75.03	N 23.9 W
20	5436	26.4	336.3	5433.29	5.80	-79.22	60.12	85.11	N 23.7 W
21	5438	27.9	336.5	5435.07	6.64	-79.59	60.97	75.14	N 23.5 W
22	5440	29.4	336.7	5436.82	7.52	-79.97	61.86	75.15	N 23.3 W
23	5442	31.0	336.7	5438.55	8.44	-80.36	62.80	80.00	N 23.3 W
24	5444	32.4	339.6	5440.25	9.42	-80.75	63.76	103.45	N 20.4 W
25	5446	33.9	342.2	5441.93	10.45	-81.11	64.74	103.32	N 17.8 W
26	5448	35.2	344.3	5443.57	11.54	-81.44	65.74	88.15	N 15.7 W
27	5450	36.7	346.3	5445.19	12.67	-81.74	66.76	95.24	N 13.7 W
28	5452	37.9	348.0	5446.78	13.85	-82.01	67.78	79.07	N 12.0 W
29	5454	39.3	349.7	5448.35	15.08	-82.25	68.82	87.81	N 10.3 W
30	5456	41.1	351.6	5449.87	16.35	-82.46	69.87	108.90	N 8.4 W
31	5458	42.4	353.1	5451.37	17.67	-82.63	70.93	81.97	N 6.9 W
32	5460	43.7	354.6	5452.83	19.03	-82.78	71.99	82.74	N 5.4 W
33	5462	45.0	356.0	5454.26	20.42	-82.89	73.05	81.36	N 4.0 W
34	5464	46.4	357.3	5455.65	21.85	-82.98	74.12	84.05	N 2.7 W
35	5466	47.9	358.2	5457.01	23.32	-83.03	75.20	81.93	N 1.8 W
36	5468	49.4	358.9	5458.34	24.82	-83.07	76.29	79.47	N 1.1 W
37	5470	51.0	359.5	5459.62	26.35	-83.09	77.39	83.25	N 0.5 W
38	5472	52.4	359.4	5460.86	27.92	-83.11	78.51	70.11	N 0.6 W
39	5474	53.7	358.8	5462.06	29.52	-83.13	79.66	69.28	N 1.2 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	55.0	357.9	5463.22	31.15	-83.18	80.84	74.58	N 2.1 W
41	5478	56.3	356.8	5464.35	32.79	-83.26	82.06	79.29	N 3.2 W
42	5480	57.4	355.3	5465.45	34.47	-83.37	83.32	83.47	N 4.7 W
43	5482	58.3	353.8	5466.51	36.15	-83.53	84.63	77.83	N 6.2 W
44	5484	59.2	352.5	5467.55	37.85	-83.74	85.97	71.50	N 7.5 W
45	5486	60.6	350.8	5468.55	39.56	-83.99	87.36	101.52	N 9.2 W
46	5488	61.5	349.8	5469.52	41.28	-84.28	88.79	62.76	N 10.2 W
47	5490	62.5	349.0	5470.46	43.02	-84.61	90.25	61.22	N 11.0 W
48	5492	63.7	348.4	5471.36	44.77	-84.96	91.73	65.69	N 11.6 W
49	5494	64.9	348.0	5472.23	46.53	-85.33	93.24	62.65	N 12.0 W
50	5496	66.2	347.6	5473.06	48.31	-85.71	94.77	67.50	N 12.4 W
51	5498	67.7	347.5	5473.84	50.11	-86.11	96.32	75.14	N 12.5 W
52	5500	69.0	347.4	5474.58	51.92	-86.51	97.89	65.17	N 12.6 W
53	5502	63.3	345.6	5475.39	53.70	-86.94	99.45	296.63	N 14.4 W
54	5504	62.9	345.2	5476.29	55.43	-87.39	100.99	26.80	N 14.8 W
55	5506	62.7	344.8	5477.21	57.15	-87.85	102.53	20.41	N 15.2 W
56	5508	62.7	344.6	5478.12	58.86	-88.32	104.07	8.89	N 15.4 W
57	5510	62.6	344.3	5479.04	60.57	-88.79	105.62	14.23	N 15.7 W
58	5512	62.8	344.0	5479.96	62.28	-89.28	107.17	16.66	N 16.0 W
59	5514	63.1	343.9	5480.87	63.99	-89.77	108.73	15.65	N 16.1 W
60	5516	59.7	340.8	5481.83	65.67	-90.30	110.29	217.73	N 19.2 W
61	5518	59.1	339.7	5482.84	67.29	-90.88	111.84	56.05	N 20.3 W
62	5520	58.4	338.8	5483.88	68.89	-91.49	113.40	52.01	N 21.2 W
63	5522	58.0	337.8	5484.94	70.47	-92.12	114.96	46.97	N 22.2 W
64	5524	57.9	336.9	5486.00	72.03	-92.77	116.53	38.47	N 23.1 W
65	5526	57.9	336.1	5487.06	73.58	-93.45	118.11	33.88	N 23.9 W
66	5528	57.9	335.3	5488.12	75.13	-94.14	119.69	33.88	N 24.7 W
67	5530	57.9	334.6	5489.19	76.66	-94.86	121.29	29.65	N 25.4 W
68	5532	58.1	334.2	5490.25	78.19	-95.59	122.89	19.69	N 25.8 W
69	5534	58.1	333.5	5491.30	79.72	-96.34	124.49	29.71	N 26.5 W
70	5536	58.2	333.1	5492.36	81.23	-97.11	126.11	17.71	N 26.9 W
71	5538	58.2	332.6	5493.41	82.75	-97.88	127.72	21.25	N 27.4 W
72	5540	58.3	332.4	5494.46	84.25	-98.67	129.35	9.86	N 27.6 W
73	5542	58.3	331.9	5495.51	85.76	-99.46	130.97	21.27	N 28.1 W
74	5544	58.3	331.5	5496.57	87.26	-100.27	132.60	17.02	N 28.5 W
75	5546	58.4	331.2	5497.62	88.75	-101.08	134.23	13.71	N 28.8 W
76	5548	58.4	330.7	5498.66	90.24	-101.91	135.87	21.29	N 29.3 W
77	5550	58.5	330.4	5499.71	91.72	-102.75	137.51	13.73	N 29.6 W
78	5552	58.7	330.1	5500.75	93.21	-103.60	139.16	16.25	N 29.9 W
79	5554	58.6	329.7	5501.79	94.68	-104.45	140.81	17.80	N 30.3 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5556	58.7	329.5	5502.83	96.16	-105.32	142.46	9.90	N 30.5 W
81	5558	58.7	329.3	5503.87	97.63	-106.19	144.12	8.54	N 30.7 W
82	5560	58.8	329.0	5504.91	99.10	-107.06	145.78	13.76	N 31.0 W
83	5562	58.8	328.7	5505.95	100.56	-107.95	147.44	12.83	N 31.3 W
84	5564	58.8	328.3	5506.98	102.02	-108.84	149.10	17.11	N 31.7 W
85	5566	58.8	328.0	5508.02	103.47	-109.75	150.77	12.83	N 32.0 W
86	5568	58.8	327.7	5509.05	104.92	-110.66	152.44	12.83	N 32.3 W
87	5570	58.8	327.5	5510.09	106.37	-111.57	154.11	8.55	N 32.5 W
88	5572	58.8	327.2	5511.13	107.81	-112.50	155.78	12.83	N 32.8 W
89	5574	58.9	327.0	5512.16	109.24	-113.43	157.45	9.91	N 33.0 W
90	5576	59.0	326.7	5513.19	110.68	-114.36	159.13	13.79	N 33.3 W
91	5578	59.1	326.4	5514.22	112.11	-115.31	160.81	13.80	N 33.6 W
92	5580	59.2	326.1	5515.25	113.54	-116.26	162.49	13.81	N 33.9 W
93	5582	59.2	325.7	5516.27	114.96	-117.23	164.18	17.18	N 34.3 W
94	5584	59.2	325.4	5517.29	116.38	-118.20	165.87	12.88	N 34.6 W
95	5586	59.2	325.2	5518.32	117.79	-119.18	167.56	8.59	N 34.8 W
96	5588	59.4	325.0	5519.34	119.20	-120.16	169.25	13.19	N 35.0 W
97	5590	59.5	325.0	5520.36	120.61	-121.15	170.95	5.00	N 35.0 W
98	5592	59.6	324.7	5521.37	122.02	-122.14	172.65	13.86	N 35.3 W
99	5594	59.7	324.4	5522.38	123.42	-123.14	174.35	13.88	N 35.6 W
100	5596	59.9	324.4	5523.39	124.83	-124.15	176.05	10.00	N 35.6 W
101	5598	60.1	324.3	5524.39	126.24	-125.16	177.76	10.90	N 35.7 W
102	5600	60.3	324.2	5525.38	127.65	-126.17	179.48	10.90	N 35.8 W
103	5602	60.5	324.1	5526.37	129.06	-127.19	181.19	10.90	N 35.9 W
104	5604	60.9	324.1	5527.35	130.47	-128.21	182.91	20.00	N 35.9 W
105	5606	61.1	324.0	5528.32	131.88	-129.24	184.64	10.91	N 36.0 W
106	5608	61.3	324.0	5529.28	133.30	-130.27	186.37	10.00	N 36.0 W
107	5610	61.5	324.1	5530.24	134.72	-131.30	188.11	10.92	N 35.9 W
108	5612	61.8	324.1	5531.19	136.15	-132.33	189.85	15.00	N 35.9 W
109	5614	62.1	324.1	5532.13	137.58	-133.37	191.59	15.00	N 35.9 W
110	5616	62.3	324.1	5533.06	139.01	-134.40	193.33	10.00	N 35.9 W
111	5618	62.6	324.1	5533.99	140.45	-135.44	195.09	15.00	N 35.9 W
112	5620	62.8	324.1	5534.90	141.89	-136.49	196.84	10.00	N 35.9 W
113	5622	62.8	326.1	5535.82	143.35	-137.50	198.59	88.94	N 33.9 W
114	5624	63.1	326.1	5536.73	144.83	-138.50	200.34	15.00	N 33.9 W
115	5626	63.3	326.1	5537.63	146.31	-139.49	202.09	10.00	N 33.9 W
116	5628	63.5	326.1	5538.52	147.79	-140.49	203.85	10.00	N 33.9 W
117	5630	63.8	326.1	5539.41	149.28	-141.49	205.60	15.00	N 33.9 W
118	5632	64.1	326.0	5540.29	150.77	-142.49	207.37	15.66	N 34.0 W
119	5634	64.4	326.0	5541.16	152.26	-143.50	209.14	15.00	N 34.0 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5636	65.1	325.9	5542.01	153.76	-144.51	210.91	35.29	N 34.1 W
121	5638	66.0	325.7	5542.84	155.27	-145.54	212.70	45.91	N 34.3 W
122	5640	67.0	325.7	5543.64	156.78	-146.57	214.50	50.00	N 34.3 W
123	5642	68.0	325.7	5544.40	158.31	-147.61	216.32	50.00	N 34.3 W
124	5644	69.2	325.6	5545.13	159.85	-148.66	218.15	60.18	N 34.4 W
125	5646	70.6	325.4	5545.82	161.39	-149.73	220.00	70.63	N 34.6 W
126	5648	72.7	325.4	5546.45	162.96	-150.80	221.86	105.00	N 34.6 W
127	5650	74.0	325.4	5547.02	164.53	-151.89	223.75	65.00	N 34.6 W
128	5652	75.7	325.2	5547.54	166.12	-152.99	225.65	85.55	N 34.8 W
129	5654	77.4	325.2	5548.01	167.72	-154.10	227.56	85.00	N 34.8 W
130	5656	79.2	325.3	5548.42	169.33	-155.22	229.49	90.13	N 34.7 W
131	5658	80.9	323.3	5548.76	170.93	-156.37	231.43	130.10	N 36.7 W
132	5660	82.6	323.3	5549.05	172.51	-157.55	233.39	85.00	N 36.7 W
133	5662	84.5	323.2	5549.27	174.11	-158.74	235.36	95.13	N 36.8 W
134	5664	86.0	323.2	5549.44	175.70	-159.93	237.33	75.00	N 36.8 W
135	5666	87.7	323.2	5549.55	177.30	-161.13	239.31	85.00	N 36.8 W
136	5668	89.0	322.9	5549.61	178.90	-162.33	241.29	66.71	N 37.1 W
137	5670	90.6	321.8	5549.61	180.48	-163.55	243.27	97.08	N 38.2 W
138	5672	91.6	321.5	5549.57	182.05	-164.79	245.26	52.20	N 38.5 W
139	5674	92.3	321.1	5549.51	183.61	-166.04	247.24	40.31	N 38.9 W
140	5676	92.9	320.7	5549.42	185.16	-167.30	249.23	36.04	N 39.3 W
141	5678	93.2	320.5	5549.31	186.70	-168.57	251.22	18.02	N 39.5 W
142	5680	93.4	320.1	5549.19	188.24	-169.85	253.21	22.33	N 39.9 W
143	5690	92.4	318.1	5548.69	195.79	-176.38	263.17	22.34	N 41.9 W
144	5700	90.8	316.2	5548.41	203.12	-183.18	273.15	24.83	N 43.8 W
145	5710	90.3	315.1	5548.31	210.27	-190.17	283.15	12.08	N 44.9 W
146	5720	90.3	314.3	5548.26	217.30	-197.28	293.15	8.00	N 45.7 W
147	5730	90.4	314.1	5548.20	224.27	-204.45	303.15	2.24	N 45.9 W
148	5740	90.9	314.7	5548.09	231.27	-211.59	313.15	7.81	N 45.3 W
149	5750	91.4	314.4	5547.89	238.28	-218.72	323.15	5.83	N 45.6 W
150	5760	92.4	314.3	5547.55	245.27	-225.86	333.14	10.05	N 45.7 W
151	5770	92.9	314.3	5547.09	252.25	-233.01	343.13	5.00	N 45.7 W
152	5780	93.1	314.0	5546.57	259.20	-240.18	353.12	3.60	N 46.0 W
153	5790	93.1	313.9	5546.03	266.13	-247.37	363.10	1.00	N 46.1 W
154	5800	93.0	313.6	5545.50	273.04	-254.58	373.08	3.16	N 46.4 W
155	5810	93.1	313.5	5544.96	279.92	-261.82	383.07	1.41	N 46.5 W
156	5820	92.8	313.3	5544.45	286.78	-269.07	393.05	3.60	N 46.7 W
157	5830	92.8	313.8	5543.96	293.66	-276.31	403.03	4.99	N 46.2 W
158	5840	92.4	313.8	5543.51	300.57	-283.52	413.02	4.00	N 46.2 W
159	5850	91.7	313.9	5543.15	307.50	-290.73	423.01	7.07	N 46.1 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	5860	91.3	313.8	5542.89	314.42	-297.94	433.01	4.12	N 46.2 W
161	5870	91.2	313.7	5542.67	321.34	-305.16	443.00	1.41	N 46.3 W
162	5880	91.4	313.5	5542.44	328.23	-312.40	453.00	2.83	N 46.5 W
163	5890	90.9	312.5	5542.24	335.05	-319.71	462.99	11.18	N 47.5 W
164	5900	91.0	312.4	5542.08	341.80	-327.09	472.98	1.41	N 47.6 W
165	5910	91.8	312.3	5541.83	348.53	-334.48	482.96	8.06	N 47.7 W
166	5920	92.6	313.0	5541.45	355.30	-341.83	492.95	10.63	N 47.0 W
167	5930	93.1	313.1	5540.95	362.12	-349.13	502.93	5.10	N 46.9 W
168	5940	93.6	313.2	5540.37	368.95	-356.41	512.91	5.10	N 46.8 W
169	5950	93.9	312.5	5539.71	375.73	-363.73	522.88	7.60	N 47.5 W
170	5960	93.8	312.4	5539.04	382.47	-371.09	532.85	1.41	N 47.6 W
171	5970	93.5	312.2	5538.40	389.19	-378.47	542.81	3.60	N 47.8 W
172	5980	93.3	311.5	5537.81	395.85	-385.91	552.78	7.27	N 48.5 W
173	5990	92.5	311.7	5537.30	402.48	-393.37	562.75	8.25	N 48.3 W
174	6000	91.9	312.5	5536.92	409.18	-400.79	572.73	10.00	N 47.5 W
175	6010	91.3	313.2	5536.64	415.97	-408.12	582.72	9.22	N 46.8 W
176	6020	90.7	313.6	5536.47	422.84	-415.38	592.71	7.21	N 46.4 W
177	6030	90.0	313.8	5536.41	429.75	-422.61	602.71	7.28	N 46.2 W
178	6040	89.4	315.0	5536.46	436.75	-429.76	612.71	13.42	N 45.0 W
179	6050	89.4	314.9	5536.56	443.81	-436.83	622.71	1.00	N 45.1 W
180	6060	89.9	314.8	5536.62	450.86	-443.92	632.71	5.10	N 45.2 W
181	6070	90.0	315.1	5536.63	457.93	-451.00	642.71	3.16	N 44.9 W
182	6080	90.0	315.0	5536.63	465.01	-458.06	652.71	1.00	N 45.0 W
183	6090	91.3	314.9	5536.52	472.07	-465.14	662.71	13.04	N 45.1 W
184	6100	94.1	314.6	5536.05	479.10	-472.23	672.70	28.16	N 45.4 W
185	6110	95.9	315.7	5535.18	486.16	-479.26	682.66	21.07	N 44.3 W
186	6120	96.3	315.7	5534.11	493.28	-486.20	692.60	4.00	N 44.3 W
187	6130	96.5	315.8	5533.00	500.40	-493.14	702.54	2.23	N 44.2 W
188	6140	96.6	315.0	5531.86	507.47	-500.11	712.47	8.01	N 45.0 W
189	6150	96.4	315.6	5530.73	514.54	-507.10	722.41	6.29	N 44.4 W
190	6160	94.0	315.6	5529.82	521.65	-514.07	732.36	24.00	N 44.4 W
191	6170	90.2	314.5	5529.45	528.72	-521.13	742.36	39.56	N 45.5 W
192	6180	88.9	314.3	5529.53	535.72	-528.27	752.35	13.15	N 45.7 W
193	6190	88.3	314.1	5529.78	542.69	-535.44	762.35	6.32	N 45.9 W
194	6200	88.1	314.0	5530.09	549.64	-542.62	772.34	2.24	N 46.0 W
195	6210	87.8	313.6	5530.45	556.55	-549.84	782.34	5.00	N 46.4 W
196	6220	88.1	313.3	5530.81	563.43	-557.09	792.33	4.24	N 46.7 W
197	6230	88.7	313.2	5531.09	570.28	-564.37	802.32	6.08	N 46.8 W
198	6240	88.7	312.9	5531.31	577.10	-571.68	812.31	3.00	N 47.1 W
199	6250	90.1	313.1	5531.42	583.92	-578.99	822.30	14.14	N 46.9 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
200	6260	91.7	312.7	5531.26	590.73	-586.32	832.29	16.49	N 47.3 W
201	6270	92.2	313.1	5530.92	597.53	-593.64	842.28	6.40	N 46.9 W
202	6280	91.8	313.0	5530.57	604.35	-600.94	852.27	4.12	N 47.0 W
203	6290	91.8	313.6	5530.26	611.21	-608.21	862.26	6.00	N 46.4 W
204	6298	91.7	314.6	5530.01	616.77	-613.96	870.25	12.56	N 45.4 W
BIT	6318	91.5	317.1	5529.46	631.11	-627.88	890.24	12.56	N 42.9 W

Survey No. 0 is a tie in to S.D.I. Finder Gyro
Survey No. 60 is Sidetrack point for Leg #6
Surveys No. 1 - 204 are by Becfield Steering Tool.
Surveys No. 205 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 890.24 feet
Displacement Bearing: North 44.85° West

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

Michael O. Leavitt
Governor

Ted Stewart
Executive Director

James W. Carter
Division Director

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

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DIV. OF OIL, GAS & MINING

yes, Thank you
Shauna do you [illegible] these? VV

June 18, 1996

FARMINGTON AREA
TAT RH LMS MRR BRH
JUN 2 4 1996
TRB RSD MGB JMY TLD JLW BAB RFS FILE RETURN TO

Please [illegible]

Ted A. Tipton
Texaco E & P, Inc
3300 No. Butler Ave. Suite 100
Farmington, New Mexico 87401

Re: Aneth Unit J230, API No. 43-037-30240
Submittal of Electric and Radioactivity Logs

Dear Mr. Tipton:

We have not received the **Finder Gyro** for each of the six laterals for the above referenced well. Please submit a copy of these logs to this office as soon as possible.

Your help in this matter will be greatly appreciated. If you have questions regarding this request, please contact me at (801) 538-5279.

Sincerely,

Vicky Dyson

Vicky Dyson
Production Group Supervisor

cc: R. J. Firth
D. T. Staley
L. W. Platt
Log File

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #1
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	-53.38	0.58	S 26.8 E
1	5398	2.1	147.1	5396.43	-0.95	-76.15	-53.17	14.50	S 32.9 E
2	5400	2.8	147.0	5398.43	-1.02	-76.10	-53.09	35.00	S 33.0 E
3	5402	4.1	149.6	5400.42	-1.13	-76.04	-52.97	65.45	S 30.4 E
4	5404	5.1	150.4	5402.42	-1.27	-75.96	-52.82	50.10	S 29.6 E
5	5406	6.7	150.9	5404.40	-1.44	-75.86	-52.62	80.04	S 29.1 E
6	5408	8.1	150.5	5406.39	-1.67	-75.73	-52.37	70.05	S 29.5 E
7	5410	10.0	148.8	5408.36	-1.94	-75.57	-52.07	95.93	S 31.2 E
8	5412	11.7	148.2	5410.33	-2.26	-75.38	-51.70	85.19	S 31.8 E
9	5414	13.2	148.0	5412.28	-2.63	-75.15	-51.28	75.03	S 32.0 E
10	5416	14.8	147.5	5414.22	-3.04	-74.89	-50.81	80.23	S 32.5 E
11	5418	16.5	147.0	5416.15	-3.49	-74.60	-50.28	85.27	S 33.0 E
12	5420	17.8	146.7	5418.06	-3.98	-74.28	-49.70	65.15	S 33.3 E
13	5422	19.7	147.4	5419.95	-4.52	-73.93	-49.08	95.66	S 32.6 E
14	5424	21.2	148.4	5421.82	-5.12	-73.56	-48.40	77.01	S 31.6 E
15	5426	22.7	149.4	5423.68	-5.76	-73.17	-47.67	77.29	S 30.6 E
16	5428	24.1	152.3	5425.52	-6.45	-72.78	-46.91	90.62	S 27.7 E
17	5430	25.8	153.5	5427.33	-7.20	-72.40	-46.10	88.68	S 26.5 E
18	5432	27.3	153.0	5429.12	-8.00	-72.00	-45.25	75.83	S 27.0 E
19	5434	28.8	151.3	5430.88	-8.83	-71.56	-44.36	84.98	S 28.7 E
20	5436	30.4	148.5	5432.62	-9.68	-71.06	-43.40	105.73	S 31.5 E
21	5438	31.9	146.1	5434.33	-10.55	-70.50	-42.39	97.34	S 33.9 E
22	5440	33.3	143.6	5436.02	-11.44	-69.88	-41.33	97.12	S 36.4 E
23	5442	34.8	141.6	5437.68	-12.32	-69.20	-40.22	93.59	S 38.4 E
24	5444	36.3	139.4	5439.30	-13.22	-68.46	-39.06	98.56	S 40.6 E
25	5446	37.9	137.4	5440.90	-14.12	-67.66	-37.86	100.18	S 42.6 E
26	5448	39.4	135.7	5442.46	-15.03	-66.80	-36.61	91.88	S 44.3 E
27	5450	40.9	134.1	5443.99	-15.94	-65.89	-35.32	91.02	S 45.9 E
28	5452	42.4	132.7	5445.48	-16.85	-64.92	-33.99	88.25	S 47.3 E
29	5454	43.9	131.3	5446.94	-17.77	-63.91	-32.63	88.97	S 48.7 E
30	5456	45.2	130.1	5448.37	-18.68	-62.84	-31.23	77.44	S 49.9 E
31	5458	46.8	128.9	5449.76	-19.60	-61.73	-29.79	90.90	S 51.1 E
32	5460	48.4	127.6	5451.11	-20.51	-60.57	-28.33	93.29	S 52.4 E
33	5462	50.1	126.6	5452.41	-21.42	-59.36	-26.83	93.06	S 53.4 E
34	5464	51.6	125.6	5453.67	-22.34	-58.11	-25.29	84.43	S 54.4 E
35	5466	53.1	124.7	5454.90	-23.25	-56.82	-23.73	83.03	S 55.3 E
36	5468	54.8	124.3	5456.07	-24.17	-55.48	-22.14	86.52	S 55.7 E
37	5470	55.1	125.0	5457.22	-25.10	-54.14	-20.53	32.34	S 55.0 E
38	5472	55.5	125.7	5458.36	-26.05	-52.80	-18.91	35.04	S 54.3 E
39	5474	55.8	125.7	5459.49	-27.01	-51.45	-17.28	15.00	S 54.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #1
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	56.4	125.4	5460.60	-27.98	-50.10	-15.65	32.48	S 54.6 E
41	5478	56.9	125.4	5461.70	-28.94	-48.74	-14.00	25.00	S 54.6 E
42	5480	57.5	125.5	5462.79	-29.92	-47.37	-12.34	30.29	S 54.5 E
43	5482	58.0	125.5	5463.85	-30.90	-46.00	-10.67	25.00	S 54.5 E
44	5484	58.4	125.6	5464.91	-31.89	-44.61	-9.00	20.45	S 54.4 E
45	5486	58.7	125.6	5465.95	-32.88	-43.23	-7.31	15.00	S 54.4 E
46	5488	59.2	125.6	5466.98	-33.88	-41.83	-5.62	25.00	S 54.4 E
47	5490	59.5	125.8	5468.00	-34.88	-40.44	-3.92	17.29	S 54.2 E
48	5492	59.9	125.7	5469.01	-35.89	-39.03	-2.22	20.46	S 54.3 E
49	5494	60.3	125.9	5470.01	-36.91	-37.63	-0.51	21.80	S 54.1 E
50	5496	60.6	124.2	5470.99	-37.91	-36.20	1.20	75.45	S 55.8 E
51	5498	61.0	124.4	5471.97	-38.89	-34.76	2.92	21.82	S 55.6 E
52	5500	61.5	124.5	5472.93	-39.88	-33.31	4.64	25.38	S 55.5 E
53	5502	61.9	124.5	5473.88	-40.88	-31.86	6.38	20.00	S 55.5 E
54	5504	62.4	124.8	5474.81	-41.89	-30.41	8.12	28.30	S 55.2 E
55	5506	63.1	124.9	5475.73	-42.90	-28.95	9.87	35.28	S 55.1 E
56	5508	63.7	125.0	5476.63	-43.93	-27.48	11.63	30.33	S 55.0 E
57	5510	64.2	125.2	5477.50	-44.96	-26.01	13.40	26.57	S 54.8 E
58	5512	65.1	125.4	5478.36	-46.00	-24.54	15.18	45.90	S 54.6 E
59	5514	66.2	125.6	5479.18	-47.06	-23.06	16.97	55.75	S 54.4 E
60	5516	67.5	125.8	5479.97	-48.13	-21.56	18.79	65.65	S 54.2 E
61	5518	68.8	126.1	5480.72	-49.22	-20.06	20.62	66.47	S 53.9 E
62	5520	70.4	126.2	5481.41	-50.33	-18.55	22.48	80.14	S 53.8 E
63	5522	72.2	126.4	5482.05	-51.45	-17.02	24.35	90.50	S 53.6 E
64	5524	73.9	126.4	5482.64	-52.59	-15.48	26.24	85.00	S 53.6 E
65	5526	75.4	126.5	5483.17	-53.73	-13.93	28.15	75.15	S 53.5 E
66	5528	76.9	126.6	5483.65	-54.89	-12.37	30.07	75.16	S 53.4 E
67	5530	78.5	127.5	5484.07	-56.07	-10.81	32.00	91.29	S 52.5 E
68	5532	80.0	127.6	5484.44	-57.26	-9.25	33.95	75.16	S 52.4 E
69	5534	81.6	128.4	5484.76	-58.48	-7.70	35.91	89.21	S 51.6 E
70	5536	84.3	127.7	5485.01	-59.70	-6.13	37.88	139.40	S 52.3 E
71	5538	86.5	127.4	5485.17	-60.92	-4.55	39.86	111.01	S 52.6 E
72	5540	88.5	127.3	5485.26	-62.13	-2.96	41.84	100.12	S 52.7 E
73	5542	88.7	127.2	5485.31	-63.34	-1.37	43.82	11.18	S 52.8 E
74	5544	90.8	128.2	5485.31	-64.56	0.21	45.80	116.30	S 51.8 E
75	5546	92.2	128.2	5485.26	-65.80	1.78	47.79	70.00	S 51.8 E
76	5548	93.2	130.2	5485.17	-67.06	3.33	49.77	111.70	S 49.8 E
77	5550	94.0	130.8	5485.04	-68.36	4.85	51.76	49.96	S 49.2 E
78	5552	94.4	131.5	5484.90	-69.67	6.35	53.75	40.23	S 48.5 E
79	5554	95.0	132.2	5484.73	-71.00	7.83	55.74	46.01	S 47.8 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
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LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5556	95.3	132.6	5484.55	-72.34	9.30	57.73	24.94	S 47.4 E
81	5558	96.0	134.7	5484.36	-73.72	10.74	59.72	110.20	S 45.3 E
82	5560	96.2	135.4	5484.14	-75.13	12.15	61.71	36.21	S 44.6 E
83	5570	97.6	138.0	5482.94	-82.35	18.96	71.63	29.36	S 42.0 E
84	5580	98.3	139.3	5481.56	-89.78	25.50	81.52	14.65	S 40.7 E
85	5590	98.2	138.6	5480.12	-97.25	32.00	91.39	7.00	S 41.4 E
86	5600	97.5	138.5	5478.76	-104.67	38.56	101.28	7.07	S 41.5 E
87	5610	95.8	137.7	5477.60	-112.06	45.19	111.20	18.77	S 42.3 E
88	5620	95.3	136.8	5476.63	-119.37	51.95	121.14	10.26	S 43.2 E
89	5630	95.4	136.7	5475.70	-126.63	58.77	131.09	1.41	S 43.3 E
90	5640	94.8	136.3	5474.81	-133.85	65.63	141.05	7.20	S 43.7 E
91	5650	94.2	136.2	5474.03	-141.05	72.52	151.02	6.08	S 43.8 E
92	5660	93.5	138.5	5473.36	-148.39	79.28	160.99	23.99	S 41.5 E
93	5670	93.4	138.0	5472.75	-155.84	85.92	170.95	5.09	S 42.0 E
94	5680	93.4	137.5	5472.16	-163.23	92.64	180.92	4.99	S 42.5 E
95	5690	94.1	135.1	5471.51	-170.44	99.53	190.90	24.95	S 44.9 E
96	5700	93.9	134.8	5470.81	-177.49	106.59	200.87	3.60	S 45.2 E
97	5710	93.3	134.4	5470.18	-184.49	113.70	210.85	7.21	S 45.6 E
98	5720	92.6	136.3	5469.67	-191.60	120.71	220.84	20.22	S 43.7 E
99	5730	92.4	136.0	5469.23	-198.80	127.64	230.83	3.60	S 44.0 E
100	5740	92.1	135.9	5468.84	-205.99	134.58	240.82	3.16	S 44.1 E
101	5750	91.9	135.4	5468.49	-213.13	141.57	250.81	5.38	S 44.6 E
102	5760	91.8	135.7	5468.17	-220.27	148.57	260.81	3.16	S 44.3 E
103	5770	91.7	135.8	5467.86	-227.43	155.54	270.80	1.41	S 44.2 E
104	5780	92.1	135.4	5467.53	-234.57	162.54	280.79	5.66	S 44.6 E
105	5790	91.9	135.3	5467.18	-241.68	169.56	290.79	2.24	S 44.7 E
106	5800	91.7	134.8	5466.87	-248.75	176.62	300.78	5.38	S 45.2 E
107	5810	91.7	134.2	5466.57	-255.76	183.75	310.78	6.00	S 45.8 E
108	5820	91.9	134.5	5466.25	-262.74	190.90	320.77	3.60	S 45.5 E
109	5830	91.8	134.4	5465.93	-269.74	198.03	330.77	1.41	S 45.6 E
110	5840	91.2	134.5	5465.67	-276.74	205.17	340.76	6.08	S 45.5 E
111	5850	91.0	134.5	5465.48	-283.75	212.30	350.76	2.00	S 45.5 E
112	5860	90.5	134.3	5465.35	-290.75	219.44	360.76	5.39	S 45.7 E
113	5870	89.9	134.4	5465.31	-297.74	226.59	370.76	6.08	S 45.6 E
114	5880	89.5	134.1	5465.36	-304.72	233.76	380.76	5.00	S 45.9 E
115	5890	88.9	133.1	5465.50	-311.61	241.00	390.75	11.66	S 46.9 E
116	5900	89.6	133.7	5465.63	-318.48	248.26	400.75	9.22	S 46.3 E
117	5910	88.9	131.7	5465.77	-325.26	255.61	410.74	21.19	S 48.3 E
118	5920	88.8	131.2	5465.97	-331.88	263.10	420.72	5.10	S 48.8 E
119	5930	88.1	130.7	5466.24	-338.43	270.65	430.69	8.60	S 49.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
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LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 153-152
JOB #: 163-004

START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5940	88.1	130.7	5466.57	-344.95	278.23	440.66	0.00	S 49.3 E
121	5950	87.3	130.2	5466.97	-351.43	285.84	450.62	9.43	S 49.8 E
122	5960	87.3	130.2	5467.44	-357.88	293.47	460.57	0.00	S 49.8 E
123	5970	88.0	129.2	5467.85	-364.26	301.15	470.52	12.20	S 50.8 E
124	5980	88.4	129.6	5468.17	-370.60	308.88	480.47	5.66	S 50.4 E
125	5990	88.5	129.5	5468.44	-376.97	316.58	490.42	1.41	S 50.5 E
126	6000	88.3	129.9	5468.71	-383.36	324.27	500.37	4.47	S 50.1 E
127	6010	88.7	129.9	5468.98	-389.77	331.94	510.33	4.00	S 50.1 E
128	6020	88.7	129.9	5469.20	-396.18	339.61	520.28	0.00	S 50.1 E
129	6030	88.4	130.2	5469.46	-402.61	347.27	530.24	4.24	S 49.8 E
130	6040	88.3	131.3	5469.74	-409.14	354.84	540.21	11.04	S 48.7 E
131	6050	91.5	132.3	5469.76	-415.80	362.29	550.20	33.53	S 47.7 E
132	6060	94.3	133.4	5469.26	-422.59	369.61	560.17	30.08	S 46.6 E
133	6070	93.7	133.3	5468.56	-429.44	376.87	570.15	6.08	S 46.7 E
134	6080	92.3	132.8	5468.04	-436.26	384.16	580.13	14.86	S 47.2 E
135	6090	91.9	131.8	5467.67	-442.98	391.56	590.11	10.76	S 48.2 E
136	6100	90.9	131.5	5467.42	-449.63	399.03	600.09	10.44	S 48.5 E
137	6110	90.7	131.7	5467.28	-456.27	406.50	610.07	2.83	S 48.3 E
138	6120	90.6	132.5	5467.17	-462.97	413.92	620.06	8.06	S 47.5 E
139	6130	89.4	132.8	5467.17	-469.74	421.28	630.05	12.37	S 47.2 E
140	6140	88.1	132.7	5467.39	-476.53	428.62	640.04	13.04	S 47.3 E
141	6150	87.5	131.1	5467.77	-483.20	436.06	650.01	17.08	S 48.9 E
142	6160	87.0	129.8	5468.25	-489.68	443.66	659.97	13.91	S 50.2 E
143	6170	87.0	129.4	5468.78	-496.05	451.35	669.91	3.99	S 50.6 E
144	6180	87.6	129.0	5469.25	-502.36	459.09	679.85	7.21	S 51.0 E
145	6190	87.7	128.8	5469.66	-508.64	466.87	689.79	2.23	S 51.2 E
146	6200	87.8	129.2	5470.05	-514.93	474.63	699.72	4.12	S 50.8 E
147	6210	87.6	129.2	5470.45	-521.24	482.38	709.66	2.00	S 50.8 E
148	6220	87.4	129.4	5470.89	-527.57	490.11	719.61	2.83	S 50.6 E
149	6230	87.3	129.5	5471.35	-533.92	497.82	729.55	1.41	S 50.5 E
150	6240	87.2	129.8	5471.83	-540.29	505.51	739.49	3.16	S 50.2 E
151	6250	87.7	129.0	5472.27	-546.63	513.23	749.44	9.43	S 51.0 E
152	6260	88.4	128.0	5472.62	-552.85	521.05	759.36	12.20	S 52.0 E
153	6270	89.0	127.6	5472.84	-558.98	528.95	769.28	7.21	S 52.4 E
154	6280	89.2	127.6	5473.00	-565.08	536.87	779.20	2.00	S 52.4 E
155	6290	89.3	127.4	5473.13	-571.17	544.81	789.11	2.24	S 52.6 E
156	6300	89.4	127.5	5473.24	-577.25	552.75	799.03	1.41	S 52.5 E
157	6310	89.6	127.6	5473.33	-583.34	560.67	808.94	2.24	S 52.4 E
158	6320	89.9	128.2	5473.37	-589.48	568.56	818.86	6.71	S 51.8 E
159	6330	89.9	128.5	5473.39	-595.69	576.41	828.80	3.00	S 51.5 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

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JOB #: 153-152
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START: 11/15/95
FINISH: 01/16/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	6340	90.9	128.7	5473.32	-601.93	584.22	838.73	10.20	S 51.3 E
161	6350	92.5	128.8	5473.03	-608.18	592.02	848.67	16.03	S 51.2 E
162	6360	93.3	128.8	5472.52	-614.44	599.80	858.60	8.00	S 51.2 E
163	6370	93.3	128.6	5471.94	-620.68	607.59	868.52	2.00	S 51.4 E
164	6380	93.2	127.8	5471.38	-626.86	615.44	878.43	8.05	S 52.2 E
165	6390	93.1	127.4	5470.83	-632.95	623.35	888.34	4.12	S 52.6 E
166	6400	93.0	127.1	5470.30	-638.99	631.30	898.23	3.16	S 52.9 E
167	6410	93.1	127.5	5469.76	-645.05	639.24	908.13	4.12	S 52.5 E
168	6415	93.2	127.5	5469.49	-648.08	643.20	913.08	2.00	S 52.5 E
169	6425	93.4	127.5	5468.91	-654.16	651.12	922.97	2.00	S 52.5 E
170	6435	93.6	127.5	5468.30	-660.24	659.04	932.87	2.00	S 52.5 E

Survey No. 0 is a tie into a SDI Finder Gyro.
Surveys No. 1 - 168 are by Becfield Steering Tool.
Surveys No. 169 & 170 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 932.87 feet
Displacement Bearing: South 44.95° East

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	-53.38	0.58	S 26.8 E
1	5398	2.1	147.1	5396.43	-0.95	-76.15	-53.17	14.50	S 32.9 E
2	5400	2.8	147.0	5398.43	-1.02	-76.10	-53.09	35.00	S 33.0 E
3	5402	4.1	149.6	5400.42	-1.13	-76.04	-52.97	65.45	S 30.4 E
4	5404	5.1	150.4	5402.42	-1.27	-75.96	-52.82	50.10	S 29.6 E
5	5406	6.7	150.9	5404.40	-1.44	-75.86	-52.62	80.04	S 29.1 E
6	5408	8.1	150.5	5406.39	-1.67	-75.73	-52.37	70.05	S 29.5 E
7	5410	10.0	148.8	5408.36	-1.94	-75.57	-52.07	95.93	S 31.2 E
8	5412	11.7	148.2	5410.33	-2.26	-75.38	-51.70	85.19	S 31.8 E
9	5414	13.2	148.0	5412.28	-2.63	-75.15	-51.28	75.03	S 32.0 E
10	5416	14.8	147.5	5414.22	-3.04	-74.89	-50.81	80.23	S 32.5 E
11	5418	16.5	147.0	5416.15	-3.49	-74.60	-50.28	85.27	S 33.0 E
12	5420	17.8	146.7	5418.06	-3.98	-74.28	-49.70	65.15	S 33.3 E
13	5422	19.7	147.4	5419.95	-4.52	-73.93	-49.08	95.66	S 32.6 E
14	5424	21.2	148.4	5421.82	-5.12	-73.56	-48.40	77.01	S 31.6 E
15	5426	22.7	149.4	5423.68	-5.76	-73.17	-47.67	77.29	S 30.6 E
16	5428	24.1	152.3	5425.52	-6.45	-72.78	-46.91	90.62	S 27.7 E
17	5430	25.8	153.5	5427.33	-7.20	-72.40	-46.10	88.68	S 26.5 E
18	5432	27.3	153.0	5429.12	-8.00	-72.00	-45.25	75.83	S 27.0 E
19	5434	28.8	151.3	5430.88	-8.83	-71.56	-44.36	84.98	S 28.7 E
20	5436	30.4	148.5	5432.62	-9.68	-71.06	-43.40	105.73	S 31.5 E
21	5438	31.9	146.1	5434.33	-10.55	-70.50	-42.39	97.34	S 33.9 E
22	5440	33.3	143.6	5436.02	-11.44	-69.88	-41.33	97.12	S 36.4 E
23	5442	34.8	141.6	5437.68	-12.32	-69.20	-40.22	93.59	S 38.4 E
24	5444	36.3	139.4	5439.30	-13.22	-68.46	-39.06	98.56	S 40.6 E
25	5446	37.9	137.4	5440.90	-14.12	-67.66	-37.86	100.18	S 42.6 E
26	5448	39.4	135.7	5442.46	-15.03	-66.80	-36.61	91.88	S 44.3 E
27	5450	40.9	134.1	5443.99	-15.94	-65.89	-35.32	91.02	S 45.9 E
28	5452	42.4	132.7	5445.48	-16.85	-64.92	-33.99	88.25	S 47.3 E
29	5454	43.9	131.3	5446.94	-17.77	-63.91	-32.63	88.97	S 48.7 E
30	5456	45.2	130.1	5448.37	-18.68	-62.84	-31.23	77.44	S 49.9 E
31	5458	46.8	128.9	5449.76	-19.60	-61.73	-29.79	90.90	S 51.1 E
32	5460	48.4	127.6	5451.11	-20.51	-60.57	-28.33	93.29	S 52.4 E
33	5462	50.1	126.6	5452.41	-21.42	-59.36	-26.83	93.06	S 53.4 E
34	5464	51.6	125.6	5453.67	-22.34	-58.11	-25.29	84.43	S 54.4 E
35	5466	53.1	124.7	5454.90	-23.25	-56.82	-23.73	83.03	S 55.3 E
36	5468	54.8	124.3	5456.07	-24.17	-55.48	-22.14	86.52	S 55.7 E
37	5470	55.1	125.0	5457.22	-25.10	-54.14	-20.53	32.34	S 55.0 E
38	5472	55.5	125.7	5458.36	-26.05	-52.80	-18.91	35.04	S 54.3 E
39	5474	55.8	125.7	5459.49	-27.01	-51.45	-17.28	15.00	S 54.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	56.4	125.4	5460.60	-27.98	-50.10	-15.65	32.48	S 54.6 E
41	5478	56.9	125.4	5461.70	-28.94	-48.74	-14.00	25.00	S 54.6 E
42	5480	57.5	125.5	5462.79	-29.92	-47.37	-12.34	30.29	S 54.5 E
43	5482	58.0	125.5	5463.85	-30.90	-46.00	-10.67	25.00	S 54.5 E
44	5484	58.4	125.6	5464.91	-31.89	-44.61	-9.00	20.45	S 54.4 E
45	5486	58.7	125.6	5465.95	-32.88	-43.23	-7.31	15.00	S 54.4 E
46	5488	59.2	125.6	5466.98	-33.88	-41.83	-5.62	25.00	S 54.4 E
47	5490	59.5	125.8	5468.00	-34.88	-40.44	-3.92	17.29	S 54.2 E
48	5492	59.9	125.7	5469.01	-35.89	-39.03	-2.22	20.46	S 54.3 E
49	5494	60.3	125.9	5470.01	-36.91	-37.63	-0.51	21.80	S 54.1 E
50	5496	60.6	124.2	5470.99	-37.91	-36.20	1.20	75.45	S 55.8 E
51	5498	61.0	124.4	5471.97	-38.89	-34.76	2.92	21.82	S 55.6 E
52	5500	60.0	124.2	5472.95	-39.87	-33.32	4.63	50.75	S 55.8 E
53	5502	59.8	123.5	5473.96	-40.84	-31.89	6.33	31.89	S 56.5 E
54	5504	59.5	122.7	5474.97	-41.78	-30.44	8.02	37.64	S 57.3 E
55	5506	59.2	122.1	5475.99	-42.70	-28.99	9.70	29.85	S 57.9 E
56	5508	58.9	120.8	5477.02	-43.60	-27.52	11.36	57.73	S 59.2 E
57	5510	58.9	119.8	5478.05	-44.46	-26.05	13.02	42.81	S 60.2 E
58	5512	58.9	118.8	5479.08	-45.30	-24.55	14.67	42.81	S 61.2 E
59	5514	58.7	117.7	5480.12	-46.11	-23.05	16.31	48.10	S 62.3 E
60	5516	58.6	116.6	5481.16	-46.89	-21.53	17.93	47.24	S 63.4 E
61	5518	58.8	115.5	5482.20	-47.64	-19.99	19.55	48.05	S 64.5 E
62	5520	59.2	114.6	5483.23	-48.36	-18.44	21.16	43.45	S 65.4 E
63	5522	59.5	113.8	5484.25	-49.07	-16.87	22.77	37.54	S 66.2 E
64	5524	60.1	113.1	5485.25	-49.76	-15.28	24.38	42.60	S 66.9 E
65	5526	60.7	112.4	5486.24	-50.43	-13.68	25.99	42.73	S 67.6 E
66	5528	61.6	112.1	5487.21	-51.09	-12.06	27.60	46.88	S 67.9 E
67	5530	62.4	111.8	5488.15	-51.75	-10.42	29.23	42.14	S 68.2 E
68	5532	63.3	111.7	5489.06	-52.41	-8.77	30.86	45.22	S 68.3 E
69	5534	64.3	111.3	5489.94	-53.07	-7.10	32.51	53.12	S 68.7 E
70	5536	65.3	111.3	5490.79	-53.73	-5.41	34.16	50.00	S 68.7 E
71	5538	66.1	111.3	5491.62	-54.39	-3.71	35.83	40.00	S 68.7 E
72	5540	67.3	111.1	5492.41	-55.05	-2.00	37.51	60.70	S 68.9 E
73	5542	68.1	111.1	5493.17	-55.72	-0.27	39.21	40.00	S 68.9 E
74	5544	69.0	111.2	5493.90	-56.39	1.46	40.91	45.24	S 68.8 E
75	5546	69.6	111.3	5494.60	-57.07	3.21	42.62	30.36	S 68.7 E
76	5548	70.5	111.3	5495.29	-57.75	4.96	44.34	45.00	S 68.7 E
77	5550	71.4	111.3	5495.94	-58.44	6.72	46.07	45.00	S 68.7 E
78	5552	71.8	111.3	5496.57	-59.13	8.49	47.81	20.00	S 68.7 E
79	5554	72.4	111.4	5497.19	-59.82	10.26	49.55	30.37	S 68.6 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5560	74.1	111.3	5498.91	-61.91	15.61	54.82	28.38	S 68.7 E
81	5570	76.1	112.8	5501.49	-65.54	24.57	63.71	24.70	S 67.2 E
82	5580	77.6	114.7	5503.76	-69.46	33.48	72.79	23.82	S 65.3 E
83	5590	79.2	116.2	5505.77	-73.67	42.32	82.02	21.72	S 63.8 E
84	5600	80.3	118.2	5507.55	-78.17	51.07	91.39	22.55	S 61.8 E
85	5610	81.1	120.1	5509.17	-82.98	59.69	100.88	20.39	S 59.9 E
86	5620	82.1	122.5	5510.63	-88.12	68.15	110.49	25.76	S 57.5 E
87	5630	83.2	125.0	5511.91	-93.63	76.39	120.22	27.12	S 55.0 E
88	5640	84.2	127.5	5513.01	-99.50	84.41	130.04	26.79	S 52.5 E
89	5650	84.7	130.6	5513.97	-105.77	92.13	139.94	31.26	S 49.4 E
90	5660	84.9	131.8	5514.88	-112.33	99.63	149.88	12.12	S 48.2 E
91	5670	85.0	132.2	5515.76	-119.00	107.03	159.82	4.11	S 47.8 E
92	5680	85.1	132.8	5516.62	-125.73	114.37	169.78	6.06	S 47.2 E
93	5690	85.3	132.7	5517.46	-132.49	121.69	179.74	2.23	S 47.3 E
94	5700	86.6	133.1	5518.17	-139.28	129.00	189.70	13.60	S 46.9 E
95	5710	90.2	133.5	5518.45	-146.14	136.27	199.69	36.22	S 46.5 E
96	5720	92.7	134.3	5518.19	-153.07	143.48	209.69	26.25	S 45.7 E
97	5730	93.8	134.8	5517.63	-160.07	150.59	219.67	12.08	S 45.2 E
98	5740	94.0	135.0	5516.94	-167.11	157.66	229.65	2.83	S 45.0 E
99	5750	94.1	134.4	5516.24	-174.13	164.75	239.62	6.07	S 45.6 E
100	5760	94.1	132.9	5515.52	-181.01	171.96	249.59	14.96	S 47.1 E
101	5770	94.7	132.6	5514.76	-187.78	179.29	259.56	6.70	S 47.4 E
102	5780	92.4	132.9	5514.14	-194.56	186.61	269.53	23.19	S 47.1 E
103	5790	86.4	130.5	5514.24	-201.21	194.08	279.51	64.62	S 49.5 E
104	5800	82.5	129.8	5515.21	-207.62	201.68	289.42	39.62	S 50.2 E
105	5810	81.7	129.8	5516.58	-213.96	209.29	299.29	8.00	S 50.2 E
106	5820	84.0	130.8	5517.83	-220.38	216.86	309.17	25.05	S 49.2 E
107	5830	88.0	131.2	5518.53	-226.92	224.39	319.12	40.20	S 48.8 E
108	5840	92.2	131.5	5518.51	-233.53	231.89	329.10	42.11	S 48.5 E
109	5850	94.7	132.0	5517.91	-240.17	239.34	339.07	25.49	S 48.0 E
110	5860	95.7	132.9	5517.00	-246.90	246.69	349.01	13.43	S 47.1 E
111	5870	95.7	133.0	5516.01	-253.68	253.97	358.96	1.00	S 47.0 E
112	5880	95.3	132.8	5515.05	-260.45	261.26	368.91	4.47	S 47.2 E
113	5890	94.8	132.4	5514.17	-267.19	268.59	378.86	6.39	S 47.6 E
114	5900	94.8	132.6	5513.33	-273.93	275.94	388.81	1.99	S 47.4 E
115	5910	96.2	133.5	5512.37	-280.72	283.21	398.76	16.62	S 46.5 E
116	5920	96.7	133.8	5511.25	-287.58	290.40	408.70	5.82	S 46.2 E
117	5930	96.9	133.9	5510.07	-294.46	297.56	418.62	2.23	S 46.1 E
118	5940	96.9	133.8	5508.86	-301.34	304.72	428.55	0.99	S 46.2 E
119	5950	96.8	133.8	5507.67	-308.21	311.89	438.48	1.00	S 46.2 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5960	97.0	133.8	5506.47	-315.08	319.06	448.40	2.00	S 46.2 E
121	5970	96.1	134.0	5505.33	-321.97	326.21	458.33	9.22	S 46.0 E
122	5980	95.5	134.3	5504.32	-328.90	333.35	468.28	6.70	S 45.7 E
123	5990	95.6	134.0	5503.35	-335.83	340.49	478.23	3.15	S 46.0 E
124	6000	95.2	133.9	5502.41	-342.74	347.66	488.19	4.12	S 46.1 E
125	6010	94.0	133.8	5501.61	-349.65	354.85	498.15	12.04	S 46.2 E
126	6020	93.8	133.3	5500.93	-356.52	362.08	508.13	5.37	S 46.7 E
127	6030	92.7	134.1	5500.36	-363.42	369.30	518.11	13.59	S 45.9 E
128	6040	90.6	135.0	5500.07	-370.43	376.42	528.10	22.85	S 45.0 E
129	6050	89.9	135.2	5500.03	-377.51	383.48	538.10	7.28	S 44.8 E
130	6060	90.6	135.4	5499.99	-384.62	390.51	548.10	7.28	S 44.6 E
131	6070	92.0	135.5	5499.76	-391.74	397.53	558.10	14.04	S 44.5 E
132	6080	92.9	135.5	5499.33	-398.87	404.53	568.09	9.00	S 44.5 E
133	6090	93.2	135.7	5498.80	-406.00	411.52	578.07	3.60	S 44.3 E
134	6100	92.1	136.3	5498.34	-413.19	418.46	588.06	12.53	S 43.7 E
135	6110	91.2	136.4	5498.05	-420.42	425.35	598.06	9.06	S 43.6 E
136	6120	90.5	135.6	5497.90	-427.62	432.30	608.05	10.63	S 44.4 E
137	6130	90.0	135.0	5497.86	-434.72	439.33	618.05	7.81	S 45.0 E
138	6140	90.0	134.9	5497.86	-441.79	446.41	628.05	1.00	S 45.1 E
139	6150	89.3	134.5	5497.92	-448.82	453.52	638.05	8.06	S 45.5 E
140	6160	87.1	134.7	5498.23	-455.84	460.64	648.05	22.09	S 45.3 E
141	6170	86.2	134.8	5498.82	-462.87	467.73	658.03	9.06	S 45.2 E
142	6180	85.9	135.1	5499.51	-469.92	474.79	668.00	4.24	S 44.9 E
143	6190	86.4	135.6	5500.18	-477.01	481.80	677.98	7.06	S 44.4 E
144	6200	86.9	135.9	5500.76	-484.16	488.76	687.96	5.83	S 44.1 E
145	6210	87.2	135.8	5501.28	-491.33	495.72	697.95	3.16	S 44.2 E
146	6220	87.2	135.9	5501.76	-498.50	502.68	707.94	1.00	S 44.1 E
147	6230	87.6	135.6	5502.22	-505.65	509.65	717.93	5.00	S 44.4 E
148	6240	88.4	135.9	5502.57	-512.81	516.62	727.92	8.54	S 44.1 E
149	6250	88.9	135.9	5502.80	-519.99	523.58	737.91	5.00	S 44.1 E
150	6260	89.2	136.4	5502.97	-527.20	530.50	747.91	5.83	S 43.6 E
151	6270	89.3	136.4	5503.10	-534.44	537.40	757.91	1.00	S 43.6 E
152	6280	89.4	136.2	5503.21	-541.67	544.31	767.90	2.24	S 43.8 E
153	6290	89.6	136.0	5503.30	-548.88	551.24	777.90	2.83	S 44.0 E
154	6300	89.9	136.1	5503.34	-556.08	558.18	787.90	3.16	S 43.9 E
155	6310	90.1	136.2	5503.34	-563.29	565.11	797.90	2.24	S 43.8 E
156	6320	90.3	136.7	5503.31	-570.53	572.00	807.89	5.39	S 43.3 E
157	6330	89.5	136.7	5503.33	-577.81	578.86	817.89	8.00	S 43.3 E
158	6340	88.7	136.5	5503.48	-585.08	585.73	827.88	8.25	S 43.5 E
159	6350	88.5	135.8	5503.73	-592.29	592.65	837.88	7.28	S 44.2 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #2
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/16/96
FINISH: 1/21/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	6360	88.3	135.1	5504.01	-599.41	599.67	847.88	7.28	S 44.9 E
161	6373	88.0	134.2	5504.42	-608.54	608.91	860.87	7.28	S 45.8 E

Survey No. 0 is a tie into a SDI Finder Gyro.
Survey No. 52 is Sidetrack point for Leg #2
Surveys No. 1 - 159 are by Becfield Steering Tool.
Surveys No. 160 & 161 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 860.61 feet
Displacement Bearing: South 45° East

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	-53.38	0.58	S 26.8 E
1	5398	2.1	147.1	5396.43	-0.95	-76.15	-53.17	14.50	S 32.9 E
2	5400	2.8	147.0	5398.43	-1.02	-76.10	-53.09	35.00	S 33.0 E
3	5402	4.1	149.6	5400.42	-1.13	-76.04	-52.97	65.45	S 30.4 E
4	5404	5.1	150.4	5402.42	-1.27	-75.96	-52.82	50.10	S 29.6 E
5	5406	6.7	150.9	5404.40	-1.44	-75.86	-52.62	80.04	S 29.1 E
6	5408	8.1	150.5	5406.39	-1.67	-75.73	-52.37	70.05	S 29.5 E
7	5410	10.0	148.8	5408.36	-1.94	-75.57	-52.07	95.93	S 31.2 E
8	5412	11.7	148.2	5410.33	-2.26	-75.38	-51.70	85.19	S 31.8 E
9	5414	13.2	148.0	5412.28	-2.63	-75.15	-51.28	75.03	S 32.0 E
10	5416	14.8	147.5	5414.22	-3.04	-74.89	-50.81	80.23	S 32.5 E
11	5418	16.5	147.0	5416.15	-3.49	-74.60	-50.28	85.27	S 33.0 E
12	5420	17.8	146.7	5418.06	-3.98	-74.28	-49.70	65.15	S 33.3 E
13	5422	19.7	147.4	5419.95	-4.52	-73.93	-49.08	95.66	S 32.6 E
14	5424	21.2	148.4	5421.82	-5.12	-73.56	-48.40	77.01	S 31.6 E
15	5426	22.7	149.4	5423.68	-5.76	-73.17	-47.67	77.29	S 30.6 E
16	5428	24.1	152.3	5425.52	-6.45	-72.78	-46.91	90.62	S 27.7 E
17	5430	25.8	153.5	5427.33	-7.20	-72.40	-46.10	88.68	S 26.5 E
18	5432	27.3	153.0	5429.12	-8.00	-72.00	-45.25	75.83	S 27.0 E
19	5434	28.8	151.3	5430.88	-8.83	-71.56	-44.36	84.98	S 28.7 E
20	5436	30.4	148.5	5432.62	-9.68	-71.06	-43.40	105.73	S 31.5 E
21	5438	31.9	146.1	5434.33	-10.55	-70.50	-42.39	97.34	S 33.9 E
22	5440	33.3	143.6	5436.02	-11.44	-69.88	-41.33	97.12	S 36.4 E
23	5442	34.8	141.6	5437.68	-12.32	-69.20	-40.22	93.59	S 38.4 E
24	5444	36.3	139.4	5439.30	-13.22	-68.46	-39.06	98.56	S 40.6 E
25	5446	37.9	137.4	5440.90	-14.12	-67.66	-37.86	100.18	S 42.6 E
26	5448	39.4	135.7	5442.46	-15.03	-66.80	-36.61	91.88	S 44.3 E
27	5450	40.9	134.1	5443.99	-15.94	-65.89	-35.32	91.02	S 45.9 E
28	5452	42.4	132.7	5445.48	-16.85	-64.92	-33.99	88.25	S 47.3 E
29	5454	43.9	131.3	5446.94	-17.77	-63.91	-32.63	88.97	S 48.7 E
30	5456	45.2	130.1	5448.37	-18.68	-62.84	-31.23	77.44	S 49.9 E
31	5458	46.8	128.9	5449.76	-19.60	-61.73	-29.79	90.90	S 51.1 E
32	5460	48.4	127.6	5451.11	-20.51	-60.57	-28.33	93.29	S 52.4 E
33	5462	50.1	126.6	5452.41	-21.42	-59.36	-26.83	93.06	S 53.4 E
34	5464	51.6	125.6	5453.67	-22.34	-58.11	-25.29	84.43	S 54.4 E
35	5466	53.1	124.7	5454.90	-23.25	-56.82	-23.73	83.03	S 55.3 E
36	5468	54.8	124.3	5456.07	-24.17	-55.48	-22.14	86.52	S 55.7 E
37	5470	55.1	125.0	5457.22	-25.10	-54.14	-20.53	32.34	S 55.0 E
38	5472	55.5	125.7	5458.36	-26.05	-52.80	-18.91	35.04	S 54.3 E
39	5474	55.8	125.7	5459.49	-27.01	-51.45	-17.28	15.00	S 54.3 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	56.4	125.4	5460.60	-27.98	-50.10	-15.65	32.48	S 54.6 E
41	5478	56.9	125.4	5461.70	-28.94	-48.74	-14.00	25.00	S 54.6 E
42	5480	57.5	125.5	5462.79	-29.92	-47.37	-12.34	30.29	S 54.5 E
43	5482	58.0	125.5	5463.85	-30.90	-46.00	-10.67	25.00	S 54.5 E
44	5484	58.4	125.6	5464.91	-31.89	-44.61	-9.00	20.45	S 54.4 E
45	5486	58.7	125.6	5465.95	-32.88	-43.23	-7.31	15.00	S 54.4 E
46	5488	59.2	125.6	5466.98	-33.88	-41.83	-5.62	25.00	S 54.4 E
47	5490	59.5	125.8	5468.00	-34.88	-40.44	-3.92	17.29	S 54.2 E
48	5492	59.9	125.7	5469.01	-35.89	-39.03	-2.22	20.46	S 54.3 E
49	5494	60.3	125.9	5470.01	-36.91	-37.63	-0.51	21.80	S 54.1 E
50	5496	60.6	124.2	5470.99	-37.91	-36.20	1.20	75.45	S 55.8 E
51	5498	61.0	124.4	5471.97	-38.89	-34.76	2.92	21.82	S 55.6 E
52	5500	60.0	124.2	5472.95	-39.87	-33.32	4.63	50.75	S 55.8 E
53	5502	59.8	123.5	5473.96	-40.84	-31.89	6.33	31.89	S 56.5 E
54	5504	59.5	122.7	5474.97	-41.78	-30.44	8.02	37.64	S 57.3 E
55	5506	59.2	122.1	5475.99	-42.70	-28.99	9.70	29.85	S 57.9 E
56	5508	58.9	120.8	5477.02	-43.60	-27.52	11.36	57.73	S 59.2 E
57	5510	58.9	119.8	5478.05	-44.46	-26.05	13.02	42.81	S 60.2 E
58	5512	58.9	118.8	5479.08	-45.30	-24.55	14.67	42.81	S 61.2 E
59	5514	58.7	117.7	5480.12	-46.11	-23.05	16.31	48.10	S 62.3 E
60	5516	58.6	116.6	5481.16	-46.89	-21.53	17.93	47.24	S 63.4 E
61	5518	58.8	115.5	5482.20	-47.64	-19.99	19.55	48.05	S 64.5 E
62	5520	54.8	123.6	5483.29	-48.46	-18.54	21.16	393.30	S 56.4 E
63	5522	54.2	123.1	5484.46	-49.35	-17.18	22.75	36.25	S 56.9 E
64	5524	53.4	122.9	5485.64	-50.23	-15.82	24.33	40.81	S 57.1 E
65	5526	52.4	122.5	5486.84	-51.09	-14.48	25.89	52.48	S 57.5 E
66	5528	51.9	122.0	5488.07	-51.94	-13.14	27.43	31.85	S 58.0 E
67	5530	51.6	121.5	5489.31	-52.76	-11.81	28.96	24.71	S 58.5 E
68	5532	51.3	121.4	5490.56	-53.58	-10.47	30.48	15.50	S 58.6 E
69	5534	51.1	121.1	5491.81	-54.39	-9.14	31.99	15.38	S 58.9 E
70	5536	51.0	121.0	5493.07	-55.19	-7.81	33.50	6.33	S 59.0 E
71	5538	51.0	120.7	5494.32	-55.99	-6.47	35.01	11.66	S 59.3 E
72	5540	51.1	120.7	5495.58	-56.78	-5.14	36.52	5.00	S 59.3 E
73	5542	51.2	120.6	5496.84	-57.58	-3.80	38.03	6.34	S 59.4 E
74	5544	51.3	120.6	5498.09	-58.37	-2.45	39.54	5.00	S 59.4 E
75	5546	51.5	120.6	5499.34	-59.17	-1.11	41.05	10.00	S 59.4 E
76	5548	51.6	120.5	5500.58	-59.96	0.24	42.57	6.35	S 59.5 E
77	5550	52.0	120.7	5501.82	-60.76	1.59	44.09	21.49	S 59.3 E
78	5552	52.1	120.6	5503.05	-61.57	2.95	45.62	6.37	S 59.4 E
79	5554	52.3	120.6	5504.27	-62.37	4.31	47.15	10.00	S 59.4 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5556	52.6	119.3	5505.49	-63.16	5.68	48.68	53.67	S 60.7 E
81	5558	52.9	119.3	5506.70	-63.94	7.07	50.21	15.00	S 60.7 E
82	5560	53.2	119.1	5507.90	-64.72	8.47	51.75	17.00	S 60.9 E
83	5562	53.5	119.2	5509.10	-65.50	9.87	53.29	15.53	S 60.8 E
84	5564	53.7	119.2	5510.28	-66.29	11.27	54.84	10.00	S 60.8 E
85	5566	54.1	119.4	5511.46	-67.08	12.68	56.40	21.57	S 60.6 E
86	5568	54.8	119.6	5512.63	-67.88	14.10	57.97	35.93	S 60.4 E
87	5570	55.6	119.5	5513.77	-68.69	15.53	59.55	40.21	S 60.5 E
88	5572	56.4	119.6	5514.89	-69.51	16.97	61.15	40.21	S 60.4 E
89	5574	57.4	119.7	5515.98	-70.34	18.43	62.76	50.18	S 60.3 E
90	5576	58.6	119.8	5517.04	-71.18	19.90	64.40	60.15	S 60.2 E
91	5578	60.3	119.9	5518.05	-72.03	21.39	66.06	85.11	S 60.1 E
92	5580	61.9	120.1	5519.02	-72.91	22.91	67.75	80.48	S 59.9 E
93	5582	63.4	120.4	5519.94	-73.81	24.44	69.47	76.17	S 59.6 E
94	5584	64.9	120.5	5520.81	-74.72	25.99	71.21	75.13	S 59.5 E
95	5586	66.5	120.7	5521.63	-75.65	27.56	72.98	80.52	S 59.3 E
96	5588	68.2	121.0	5522.40	-76.59	29.15	74.77	86.12	S 59.0 E
97	5590	69.0	122.8	5523.13	-77.58	30.73	76.58	92.85	S 57.2 E
98	5592	70.8	123.2	5523.82	-78.60	32.30	78.42	91.94	S 56.8 E
99	5594	72.4	123.6	5524.45	-79.64	33.89	80.28	82.22	S 56.4 E
100	5596	74.1	124.0	5525.03	-80.71	35.48	82.16	87.13	S 56.0 E
101	5598	75.5	124.5	5525.55	-81.79	37.07	84.05	74.04	S 55.5 E
102	5600	76.9	124.7	5526.03	-82.90	38.67	85.96	70.67	S 55.3 E
103	5602	78.0	125.1	5526.47	-84.01	40.27	87.89	58.36	S 54.9 E
104	5604	79.0	125.4	5526.86	-85.15	41.88	89.82	52.12	S 54.6 E
105	5606	79.7	125.6	5527.23	-86.29	43.48	91.76	36.35	S 54.4 E
106	5608	80.1	125.9	5527.58	-87.44	45.07	93.70	24.86	S 54.1 E
107	5610	80.3	126.7	5527.93	-88.60	46.66	95.65	40.67	S 53.3 E
108	5620	79.7	128.0	5529.66	-94.58	54.49	105.41	14.14	S 52.0 E
109	5630	79.2	128.8	5531.49	-100.69	62.19	115.17	9.32	S 51.2 E
110	5640	79.2	128.8	5533.37	-106.84	69.85	124.94	0.00	S 51.2 E
111	5650	79.2	129.1	5535.24	-113.02	77.49	134.71	2.95	S 50.9 E
112	5660	79.5	129.3	5537.09	-119.23	85.11	144.48	3.59	S 50.7 E
113	5670	79.8	129.4	5538.88	-125.46	92.71	154.27	3.16	S 50.6 E
114	5680	80.1	129.9	5540.63	-131.75	100.29	164.08	5.77	S 50.1 E
115	5690	80.7	130.2	5542.30	-138.09	107.84	173.90	6.69	S 49.8 E
116	5700	81.4	130.4	5543.85	-144.48	115.37	183.75	7.27	S 49.6 E
117	5710	82.1	130.2	5545.29	-150.88	122.92	193.61	7.27	S 49.8 E
118	5720	82.6	130.4	5546.62	-157.29	130.48	203.49	5.38	S 49.6 E
119	5730	83.2	130.1	5547.86	-163.70	138.06	213.38	6.70	S 49.9 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5740	83.8	130.5	5548.99	-170.13	145.63	223.28	7.20	S 49.5 E
121	5750	84.5	130.6	5550.01	-176.60	153.19	233.20	7.07	S 49.4 E
122	5760	85.1	130.8	5550.91	-183.09	160.74	243.13	6.32	S 49.2 E
123	5770	85.7	131.0	5551.72	-189.62	168.28	253.07	6.32	S 49.0 E
124	5780	86.6	130.8	5552.39	-196.15	175.82	263.02	9.22	S 49.2 E
125	5790	88.0	131.1	5552.86	-202.70	183.36	272.98	14.32	S 48.9 E
126	5800	89.2	131.2	5553.10	-209.27	190.89	282.96	12.04	S 48.8 E
127	5810	89.8	131.5	5553.19	-215.88	198.40	292.94	6.71	S 48.5 E
128	5820	90.3	131.8	5553.18	-222.53	205.87	302.92	5.83	S 48.2 E
129	5830	90.7	131.8	5553.09	-229.19	213.32	312.90	4.00	S 48.2 E
130	5840	91.1	132.2	5552.94	-235.88	220.75	322.89	5.66	S 47.8 E
131	5850	91.3	132.8	5552.73	-242.64	228.12	332.88	6.32	S 47.2 E
132	5860	91.3	132.9	5552.50	-249.44	235.45	342.87	1.00	S 47.1 E
133	5870	91.4	133.2	5552.26	-256.26	242.76	352.86	3.16	S 46.8 E
134	5880	91.7	133.5	5551.99	-263.12	250.03	362.85	4.24	S 46.5 E
135	5890	92.0	133.9	5551.67	-270.03	257.25	372.84	5.00	S 46.1 E
136	5900	92.0	133.8	5551.32	-276.95	264.46	382.84	1.00	S 46.2 E
137	5910	91.4	133.0	5551.03	-283.82	271.72	392.83	10.00	S 47.0 E
138	5920	91.5	133.4	5550.77	-290.66	279.01	402.82	4.12	S 46.6 E
139	5930	91.7	133.3	5550.49	-297.52	286.28	412.81	2.24	S 46.7 E
140	5940	92.1	133.3	5550.16	-304.38	293.55	422.80	4.00	S 46.7 E
141	5950	92.5	132.5	5549.76	-311.18	300.87	432.79	8.94	S 47.5 E
142	5960	92.7	132.9	5549.31	-317.95	308.21	442.77	4.47	S 47.1 E
143	5970	92.8	132.9	5548.83	-324.75	315.53	452.75	1.00	S 47.1 E
144	5980	92.8	133.0	5548.34	-331.56	322.84	462.73	1.00	S 47.0 E
145	5990	92.9	133.1	5547.84	-338.38	330.14	472.71	1.41	S 46.9 E
146	6000	93.1	133.2	5547.32	-345.21	337.43	482.69	2.24	S 46.8 E
147	6010	93.1	133.2	5546.78	-352.04	344.71	492.67	0.00	S 46.8 E
148	6020	93.1	133.6	5546.24	-358.90	351.96	502.66	3.99	S 46.4 E
149	6030	93.2	133.7	5545.69	-365.80	359.19	512.64	1.41	S 46.3 E
150	6040	93.3	133.9	5545.12	-372.71	366.39	522.62	2.23	S 46.1 E
151	6050	93.4	133.6	5544.54	-379.61	373.60	532.60	3.16	S 46.4 E
152	6060	93.5	133.7	5543.93	-386.50	380.82	542.58	1.41	S 46.3 E
153	6070	93.6	133.6	5543.31	-393.39	388.05	552.56	1.41	S 46.4 E
154	6080	93.4	133.5	5542.70	-400.27	395.28	562.54	2.24	S 46.5 E
155	6090	93.4	133.3	5542.11	-407.12	402.53	572.51	2.00	S 46.7 E
156	6100	93.4	133.2	5541.52	-413.96	409.80	582.49	1.00	S 46.8 E
157	6110	93.3	133.4	5540.93	-420.81	417.07	592.47	2.23	S 46.6 E
158	6120	93.2	133.4	5540.37	-427.67	424.32	602.45	1.00	S 46.6 E
159	6130	93.2	133.4	5539.81	-434.53	431.58	612.43	0.00	S 46.6 E

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #3
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/22/96
FINISH: 01/28/96
BECFIELD DRILLERS
LOU HOLDER
JEFF MYERS
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 135

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	6140	93.1	133.2	5539.26	-441.38	438.85	622.41	2.23	S 46.8 E
161	6150	93.1	133.3	5538.72	-448.22	446.12	632.39	1.00	S 46.7 E
162	6160	93.4	133.5	5538.15	-455.08	453.37	642.37	3.60	S 46.5 E
163	6170	92.8	134.9	5537.61	-462.04	460.53	652.36	15.21	S 45.1 E
164	6180	91.8	135.4	5537.21	-469.12	467.58	662.35	11.18	S 44.6 E
165	6190	91.5	135.7	5536.92	-476.26	474.58	672.34	4.24	S 44.3 E
166	6200	91.4	135.8	5536.67	-483.42	481.55	682.34	1.41	S 44.2 E
167	6210	91.3	135.8	5536.43	-490.59	488.52	692.34	1.00	S 44.2 E
168	6220	91.6	135.9	5536.18	-497.76	495.49	702.33	3.16	S 44.1 E
169	6230	91.8	136.0	5535.88	-504.95	502.44	712.33	2.24	S 44.0 E
170	6240	91.8	135.8	5535.57	-512.12	509.39	722.32	2.00	S 44.2 E
171	6250	91.8	135.6	5535.25	-519.28	516.37	732.31	2.00	S 44.4 E
172	6260	91.7	135.4	5534.95	-526.41	523.38	742.31	2.24	S 44.6 E
173	6270	91.7	135.2	5534.65	-533.51	530.41	752.30	2.00	S 44.8 E
174	6280	91.8	134.7	5534.35	-540.57	537.48	762.30	5.10	S 45.3 E
175	6290	91.3	134.5	5534.08	-547.59	544.60	772.30	5.38	S 45.5 E
176	6300	91.0	134.2	5533.88	-554.58	551.75	782.29	4.24	S 45.8 E
177	6310	90.8	134.4	5533.72	-561.56	558.91	792.29	2.83	S 45.6 E
178	6320	90.8	134.8	5533.58	-568.58	566.03	802.29	4.00	S 45.2 E
179	6330	89.8	135.2	5533.53	-575.65	573.10	812.29	10.77	S 44.8 E
180	6340	89.1	135.3	5533.62	-582.76	580.14	822.29	7.07	S 44.7 E
181	6350	88.7	135.8	5533.81	-589.89	587.14	832.29	6.40	S 44.2 E
182	6360	90.2	136.0	5533.91	-597.07	594.10	842.28	15.13	S 44.0 E
183	6370	92.5	136.2	5533.68	-604.28	601.03	852.28	23.09	S 43.8 E
184	6380	95.1	136.2	5533.01	-611.48	607.93	862.25	26.00	S 43.8 E
185	6387	96.7	135.9	5532.29	-616.49	612.77	869.22	23.25	S 44.1 E
186	6397	99.0	135.5	5530.93	-623.58	619.69	879.12	23.25	S 44.5 E
187	6408	101.5	135.0	5528.97	-631.26	627.31	889.94	23.24	S 45.0 E

Survey No. 0 is a tie into a SDI Finder Gyro.
Survey No. 62 is Sidetrack point for Leg #3
Surveys No. 1 - 185 are by Becfield Steering Tool.
Surveys No. 186 & 187 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 889.95 feet
Displacement Bearing: South 44.82° East

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	53.38	0.58	S 26.8 E
1	5398	0.8	147.9	5396.43	-0.88	-76.20	53.26	2.13	S 32.1 E
2	5400	0.5	150.3	5398.43	-0.90	-76.19	53.24	15.06	S 29.7 E
3	5402	0.1	131.0	5400.43	-0.90	-76.18	53.23	20.35	S 49.0 E
4	5404	0.7	355.4	5402.43	-0.89	-76.18	53.24	38.73	N 4.6 W
5	5406	2.1	336.7	5404.43	-0.85	-76.20	53.28	72.72	N 23.3 W
6	5408	3.5	335.3	5406.43	-0.76	-76.24	53.37	70.08	N 24.7 W
7	5410	5.0	335.6	5408.42	-0.62	-76.30	53.51	75.01	N 24.4 W
8	5412	6.7	335.2	5410.41	-0.44	-76.38	53.70	85.02	N 24.8 W
9	5414	8.3	335.2	5412.39	-0.20	-76.49	53.95	80.00	N 24.8 W
10	5416	10.0	335.4	5414.37	0.09	-76.63	54.25	85.01	N 24.6 W
11	5418	11.8	334.8	5416.33	0.43	-76.79	54.60	90.18	N 25.2 W
12	5420	13.4	334.9	5418.28	0.83	-76.97	55.01	80.01	N 25.1 W
13	5422	15.1	335.1	5420.22	1.27	-77.18	55.47	85.04	N 24.9 W
14	5424	16.9	335.3	5422.14	1.77	-77.41	55.99	90.04	N 24.7 W
15	5426	18.4	335.4	5424.05	2.32	-77.66	56.56	75.02	N 24.6 W
16	5428	20.1	335.6	5425.94	2.92	-77.94	57.18	85.06	N 24.4 W
17	5430	21.7	335.8	5427.81	3.57	-78.23	57.84	80.08	N 24.2 W
18	5432	23.2	336.0	5429.65	4.27	-78.54	58.56	75.10	N 24.0 W
19	5434	24.7	336.1	5431.48	5.01	-78.87	59.32	75.03	N 23.9 W
20	5436	26.4	336.3	5433.29	5.80	-79.22	60.12	85.11	N 23.7 W
21	5438	27.9	336.5	5435.07	6.64	-79.59	60.97	75.14	N 23.5 W
22	5440	29.4	336.7	5436.82	7.52	-79.97	61.86	75.15	N 23.3 W
23	5442	31.0	336.7	5438.55	8.44	-80.36	62.80	80.00	N 23.3 W
24	5444	32.4	339.6	5440.25	9.42	-80.75	63.76	103.45	N 20.4 W
25	5446	33.9	342.2	5441.93	10.45	-81.11	64.74	103.32	N 17.8 W
26	5448	35.2	344.3	5443.57	11.54	-81.44	65.74	88.15	N 15.7 W
27	5450	36.7	346.3	5445.19	12.67	-81.74	66.76	95.24	N 13.7 W
28	5452	37.9	348.0	5446.78	13.85	-82.01	67.78	79.07	N 12.0 W
29	5454	39.3	349.7	5448.35	15.08	-82.25	68.82	87.81	N 10.3 W
30	5456	41.1	351.6	5449.87	16.35	-82.46	69.87	108.90	N 8.4 W
31	5458	42.4	353.1	5451.37	17.67	-82.63	70.93	81.97	N 6.9 W
32	5460	43.7	354.6	5452.83	19.03	-82.78	71.99	82.74	N 5.4 W
33	5462	45.0	356.0	5454.26	20.42	-82.89	73.05	81.36	N 4.0 W
34	5464	46.4	357.3	5455.65	21.85	-82.98	74.12	84.05	N 2.7 W
35	5466	47.9	358.2	5457.01	23.32	-83.03	75.20	81.93	N 1.8 W
36	5468	49.4	358.9	5458.34	24.82	-83.07	76.29	79.47	N 1.1 W
37	5470	51.0	359.5	5459.62	26.35	-83.09	77.39	83.25	N 0.5 W
38	5472	52.4	359.4	5460.86	27.92	-83.11	78.51	70.11	N 0.6 W
39	5474	53.7	358.8	5462.06	29.52	-83.13	79.66	69.28	N 1.2 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	55.0	357.9	5463.22	31.15	-83.18	80.84	74.58	N 2.1 W
41	5478	56.3	356.8	5464.35	32.79	-83.26	82.06	79.29	N 3.2 W
42	5480	57.4	355.3	5465.45	34.47	-83.37	83.32	83.47	N 4.7 W
43	5482	58.3	353.8	5466.51	36.15	-83.53	84.63	77.83	N 6.2 W
44	5484	59.2	352.5	5467.55	37.85	-83.74	85.97	71.50	N 7.5 W
45	5486	60.6	350.8	5468.55	39.56	-83.99	87.36	101.52	N 9.2 W
46	5488	61.5	349.8	5469.52	41.28	-84.28	88.79	62.76	N 10.2 W
47	5490	62.5	349.0	5470.46	43.02	-84.61	90.25	61.22	N 11.0 W
48	5492	63.7	348.4	5471.36	44.77	-84.96	91.73	65.69	N 11.6 W
49	5494	64.9	348.0	5472.23	46.53	-85.33	93.24	62.65	N 12.0 W
50	5496	66.2	347.6	5473.06	48.31	-85.71	94.77	67.50	N 12.4 W
51	5498	67.7	347.5	5473.84	50.11	-86.11	96.32	75.14	N 12.5 W
52	5500	69.0	347.4	5474.58	51.92	-86.51	97.89	65.17	N 12.6 W
53	5502	70.6	347.4	5475.27	53.76	-86.92	99.47	80.00	N 12.6 W
54	5504	72.0	347.4	5475.91	55.61	-87.33	101.07	70.00	N 12.6 W
55	5506	73.4	347.5	5476.50	57.47	-87.75	102.69	70.16	N 12.5 W
56	5508	74.8	347.7	5477.05	59.35	-88.16	104.31	70.66	N 12.3 W
57	5510	76.3	347.8	5477.55	61.24	-88.57	105.93	75.16	N 12.2 W
58	5512	77.8	348.0	5478.00	63.15	-88.98	107.57	75.63	N 12.0 W
59	5514	78.7	347.8	5478.41	65.06	-89.39	109.21	46.05	N 12.2 W
60	5516	80.4	347.9	5478.77	66.98	-89.81	110.87	85.14	N 12.1 W
61	5518	81.8	348.1	5479.08	68.92	-90.22	112.52	70.69	N 11.9 W
62	5520	83.3	348.3	5479.34	70.86	-90.62	114.18	75.65	N 11.7 W
63	5522	84.8	348.3	5479.55	72.80	-91.03	115.85	75.00	N 11.7 W
64	5524	86.0	348.2	5479.71	74.76	-91.43	117.51	60.21	N 11.8 W
65	5526	87.4	348.2	5479.82	76.71	-91.84	119.18	70.00	N 11.8 W
66	5528	88.4	348.1	5479.89	78.67	-92.25	120.86	50.25	N 11.9 W
67	5530	89.2	348.0	5479.94	80.62	-92.66	122.53	40.31	N 12.0 W
68	5532	90.0	347.9	5479.95	82.58	-93.08	124.21	40.31	N 12.1 W
69	5534	90.3	347.6	5479.95	84.53	-93.51	125.89	21.21	N 12.4 W
70	5536	90.7	347.4	5479.93	86.49	-93.94	127.58	22.36	N 12.6 W
71	5538	90.9	347.2	5479.90	88.44	-94.38	129.27	14.14	N 12.8 W
72	5540	91.0	346.9	5479.87	90.39	-94.83	130.97	15.81	N 13.1 W
73	5550	90.0	344.9	5479.78	100.08	-97.26	139.55	22.36	N 15.1 W
74	5560	88.6	343.3	5479.90	109.70	-100.00	148.28	21.26	N 16.7 W
75	5570	87.6	341.6	5480.23	119.23	-103.02	157.15	19.71	N 18.4 W
76	5580	87.1	339.7	5480.70	128.65	-106.33	166.16	19.63	N 20.3 W
77	5590	86.1	337.6	5481.29	137.95	-109.96	175.30	23.23	N 22.4 W
78	5600	86.1	335.7	5481.97	147.11	-113.91	184.57	18.96	N 24.3 W
79	5610	86.8	334.3	5482.59	156.15	-118.13	193.95	15.63	N 25.7 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5620	87.4	333.0	5483.09	165.10	-122.56	203.41	14.30	N 27.0 W
81	5630	87.9	331.9	5483.50	173.96	-127.19	212.94	12.07	N 28.1 W
82	5640	88.5	330.7	5483.82	182.73	-131.99	222.54	13.41	N 29.3 W
83	5650	89.3	329.3	5484.01	191.39	-136.98	232.19	16.12	N 30.7 W
84	5660	90.2	328.6	5484.05	199.95	-142.14	241.90	11.40	N 31.4 W
85	5670	91.4	328.2	5483.91	208.47	-147.38	251.63	12.65	N 31.8 W
86	5680	92.6	327.5	5483.57	216.93	-152.70	261.37	13.89	N 32.5 W
87	5690	93.3	326.7	5483.05	225.32	-158.12	271.13	10.62	N 33.3 W
88	5700	93.7	325.7	5482.44	233.61	-163.68	280.92	10.75	N 34.3 W
89	5710	93.9	324.1	5481.78	241.77	-169.41	290.75	16.09	N 35.9 W
90	5720	93.2	323.0	5481.16	249.80	-175.34	300.62	13.02	N 37.0 W
91	5730	91.7	321.1	5480.73	257.68	-181.49	310.54	24.19	N 38.9 W
92	5740	89.6	318.8	5480.62	265.33	-187.92	320.50	31.14	N 41.2 W
93	5750	87.9	316.5	5480.84	272.72	-194.65	330.48	28.60	N 43.5 W
94	5760	87.4	314.3	5481.25	279.84	-201.67	340.48	22.54	N 45.7 W
95	5770	87.2	313.6	5481.72	286.77	-208.86	350.46	7.27	N 46.4 W
96	5780	87.0	312.7	5482.22	293.60	-216.15	360.44	9.21	N 47.3 W
97	5790	87.5	312.3	5482.70	300.35	-223.51	370.42	6.40	N 47.7 W
98	5800	88.4	311.7	5483.06	307.03	-230.94	380.40	10.81	N 48.3 W
99	5810	89.3	311.6	5483.26	313.68	-238.41	390.38	9.06	N 48.4 W
100	5820	90.3	311.6	5483.30	320.32	-245.89	400.37	10.00	N 48.4 W
101	5830	91.1	311.6	5483.17	326.96	-253.36	410.35	8.00	N 48.4 W
102	5840	91.9	311.3	5482.91	333.57	-260.86	420.33	8.54	N 48.7 W
103	5850	92.6	310.5	5482.52	340.12	-268.41	430.29	10.63	N 49.5 W
104	5860	92.9	308.8	5482.04	346.49	-276.10	440.24	17.24	N 51.2 W
105	5870	93.2	308.0	5481.51	352.69	-283.93	450.16	8.53	N 52.0 W
106	5880	93.5	307.6	5480.92	358.81	-291.81	460.06	4.99	N 52.4 W
107	5890	93.8	306.8	5480.29	364.84	-299.76	469.95	8.53	N 53.2 W
108	5900	93.0	306.8	5479.69	370.82	-307.76	479.83	8.00	N 53.2 W
109	5910	90.7	307.0	5479.37	376.82	-315.75	489.72	23.09	N 53.0 W
110	5920	89.8	307.7	5479.33	382.89	-323.70	499.63	11.40	N 52.3 W
111	5930	90.1	307.9	5479.34	389.02	-331.60	509.55	3.61	N 52.1 W
112	5940	90.6	308.0	5479.27	395.17	-339.48	519.48	5.10	N 52.0 W
113	5950	91.2	307.8	5479.12	401.31	-347.37	529.40	6.32	N 52.2 W
114	5960	91.0	307.7	5478.93	407.43	-355.28	539.32	2.24	N 52.3 W
115	5970	91.2	307.7	5478.73	413.55	-363.19	549.24	2.00	N 52.3 W
116	5980	92.0	308.4	5478.45	419.71	-371.06	559.16	10.63	N 51.6 W
117	5990	92.4	308.8	5478.07	425.94	-378.87	569.09	5.65	N 51.2 W
118	6000	92.6	309.0	5477.63	432.22	-386.65	579.02	2.83	N 51.0 W
119	6010	92.6	309.3	5477.18	438.52	-394.39	588.96	3.00	N 50.7 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	6020	92.7	308.0	5476.72	444.76	-402.19	598.89	13.02	N 52.0 W
121	6030	93.1	308.1	5476.21	450.92	-410.06	608.80	4.12	N 51.9 W
122	6040	93.3	308.2	5475.65	457.08	-417.91	618.71	2.24	N 51.8 W
123	6050	93.3	308.3	5475.08	463.26	-425.75	628.63	1.00	N 51.7 W
124	6060	92.6	308.5	5474.56	469.47	-433.58	638.55	7.28	N 51.5 W
125	6070	91.5	308.5	5474.21	475.69	-441.40	648.48	11.00	N 51.5 W
126	6080	89.6	308.6	5474.11	481.92	-449.22	658.41	19.03	N 51.4 W
127	6090	86.7	308.0	5474.43	488.11	-457.06	668.34	29.61	N 52.0 W
128	6100	86.0	308.0	5475.07	494.26	-464.92	678.24	7.00	N 52.0 W
129	6110	85.8	308.8	5475.78	500.45	-472.74	688.15	8.23	N 51.2 W
130	6120	85.9	308.6	5476.51	506.69	-480.53	698.07	2.23	N 51.4 W
131	6130	86.0	308.5	5477.21	512.91	-488.33	707.98	1.41	N 51.5 W
132	6140	85.9	307.6	5477.92	519.05	-496.18	717.88	9.03	N 52.4 W
133	6150	85.5	308.1	5478.67	525.17	-504.06	727.77	6.39	N 51.9 W
134	6160	84.6	308.6	5479.53	531.35	-511.87	737.67	10.29	N 51.4 W
135	6170	84.7	309.0	5480.47	537.59	-519.63	747.57	4.11	N 51.0 W
136	6180	85.4	309.3	5481.33	543.88	-527.35	757.48	7.61	N 50.7 W
137	6190	86.4	309.4	5482.04	550.21	-535.07	767.40	10.05	N 50.6 W
138	6200	87.4	309.5	5482.58	556.55	-542.78	777.34	10.05	N 50.5 W
139	6210	87.8	309.6	5483.00	562.91	-550.48	787.29	4.12	N 50.4 W
140	6220	87.6	309.9	5483.40	569.30	-558.16	797.24	3.60	N 50.1 W
141	6230	88.2	309.9	5483.77	575.71	-565.83	807.19	6.00	N 50.1 W
142	6240	91.5	310.8	5483.80	582.19	-573.45	817.16	34.20	N 49.2 W
143	6250	93.7	311.6	5483.34	588.77	-580.97	827.13	23.41	N 48.4 W
144	6260	93.8	311.9	5482.69	595.41	-588.41	837.09	3.16	N 48.1 W
145	6270	93.3	311.8	5482.07	602.07	-595.84	847.05	5.10	N 48.2 W
146	6280	93.5	311.5	5481.48	608.70	-603.30	857.02	3.60	N 48.5 W
147	6290	93.8	311.7	5480.84	615.33	-610.77	866.98	3.60	N 48.3 W
148	6300	93.9	311.7	5480.17	621.97	-618.22	876.94	1.00	N 48.3 W
149	6310	93.9	311.6	5479.49	628.60	-625.67	886.90	1.00	N 48.4 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #4
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 01/29/96
FINISH: 02/01/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
150	6320	93.7	310.0	5478.83	635.12	-633.22	896.85	16.09	N 50.0 W
151	6330	93.4	309.4	5478.21	641.49	-640.90	906.79	6.70	N 50.6 W
152	6333	93.3	309.3	5478.03	643.39	-643.22	909.77	4.71	N 50.7 W
153	6343	93.0	309.0	5477.48	649.69	-650.96	919.70	4.71	N 51.0 W
154	6353	92.6	308.6	5477.00	655.95	-658.75	929.63	4.71	N 51.4 W

Survey No. 0 is a tie into a SDI Finder Gyro.
Survey No. 3 is Sidetrack point for Leg #4
Surveys No. 1 - 152 are by Becfield Steering Tool.
Surveys No. 153 & 154 are projections to Bit Depth.
Botttom Hole Location from Surface Location:
Horizontal Displacement: 929.64 feet
Displacement Bearing: North 45.12° West

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.77	-76.26	53.38	0.58	S 26.8 E
1	5398	0.8	147.9	5396.43	-0.88	-76.20	53.26	2.13	S 32.1 E
2	5400	0.5	150.3	5398.43	-0.90	-76.19	53.24	15.06	S 29.7 E
3	5402	0.1	131.0	5400.43	-0.90	-76.18	53.23	20.35	S 49.0 E
4	5404	0.7	355.4	5402.43	-0.89	-76.18	53.24	38.73	N 4.6 W
5	5406	2.1	336.7	5404.43	-0.85	-76.20	53.28	72.72	N 23.3 W
6	5408	3.5	335.3	5406.43	-0.76	-76.24	53.37	70.08	N 24.7 W
7	5410	5.0	335.6	5408.42	-0.62	-76.30	53.51	75.01	N 24.4 W
8	5412	6.7	335.2	5410.41	-0.44	-76.38	53.70	85.02	N 24.8 W
9	5414	8.3	335.2	5412.39	-0.20	-76.49	53.95	80.00	N 24.8 W
10	5416	10.0	335.4	5414.37	0.09	-76.63	54.25	85.01	N 24.6 W
11	5418	11.8	334.8	5416.33	0.43	-76.79	54.60	90.18	N 25.2 W
12	5420	13.4	334.9	5418.28	0.83	-76.97	55.01	80.01	N 25.1 W
13	5422	15.1	335.1	5420.22	1.27	-77.18	55.47	85.04	N 24.9 W
14	5424	16.9	335.3	5422.14	1.77	-77.41	55.99	90.04	N 24.7 W
15	5426	18.4	335.4	5424.05	2.32	-77.66	56.56	75.02	N 24.6 W
16	5428	20.1	335.6	5425.94	2.92	-77.94	57.18	85.06	N 24.4 W
17	5430	21.7	335.8	5427.81	3.57	-78.23	57.84	80.08	N 24.2 W
18	5432	23.2	336.0	5429.65	4.27	-78.54	58.56	75.10	N 24.0 W
19	5434	24.7	336.1	5431.48	5.01	-78.87	59.32	75.03	N 23.9 W
20	5436	26.4	336.3	5433.29	5.80	-79.22	60.12	85.11	N 23.7 W
21	5438	27.9	336.5	5435.07	6.64	-79.59	60.97	75.14	N 23.5 W
22	5440	29.4	336.7	5436.82	7.52	-79.97	61.86	75.15	N 23.3 W
23	5442	31.0	336.7	5438.55	8.44	-80.36	62.80	80.00	N 23.3 W
24	5444	32.4	339.6	5440.25	9.42	-80.75	63.76	103.45	N 20.4 W
25	5446	33.9	342.2	5441.93	10.45	-81.11	64.74	103.32	N 17.8 W
26	5448	35.2	344.3	5443.57	11.54	-81.44	65.74	88.15	N 15.7 W
27	5450	36.7	346.3	5445.19	12.67	-81.74	66.76	95.24	N 13.7 W
28	5452	37.9	348.0	5446.78	13.85	-82.01	67.78	79.07	N 12.0 W
29	5454	39.3	349.7	5448.35	15.08	-82.25	68.82	87.81	N 10.3 W
30	5456	41.1	351.6	5449.87	16.35	-82.46	69.87	108.90	N 8.4 W
31	5458	42.4	353.1	5451.37	17.67	-82.63	70.93	81.97	N 6.9 W
32	5460	43.7	354.6	5452.83	19.03	-82.78	71.99	82.74	N 5.4 W
33	5462	45.0	356.0	5454.26	20.42	-82.89	73.05	81.36	N 4.0 W
34	5464	46.4	357.3	5455.65	21.85	-82.98	74.12	84.05	N 2.7 W
35	5466	47.9	358.2	5457.01	23.32	-83.03	75.20	81.93	N 1.8 W
36	5468	49.4	358.9	5458.34	24.82	-83.07	76.29	79.47	N 1.1 W
37	5470	51.0	359.5	5459.62	26.35	-83.09	77.39	83.25	N 0.5 W
38	5472	52.4	359.4	5460.86	27.92	-83.11	78.51	70.11	N 0.6 W
39	5474	53.7	358.8	5462.06	29.52	-83.13	79.66	69.28	N 1.2 W
40	5476	55.0	357.9	5463.22	31.15	-83.18	80.84	74.58	N 2.1 W
41	5478	56.3	356.8	5464.35	32.79	-83.26	82.06	79.29	N 3.2 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
42	5480	57.4	355.3	5465.45	34.47	-83.37	83.32	83.47	N 4.7 W
43	5482	58.3	353.8	5466.51	36.15	-83.53	84.63	77.83	N 6.2 W
44	5484	59.2	352.5	5467.55	37.85	-83.74	85.97	71.50	N 7.5 W
45	5486	60.6	350.8	5468.55	39.56	-83.99	87.36	101.52	N 9.2 W
46	5488	61.5	349.8	5469.52	41.28	-84.28	88.79	62.76	N 10.2 W
47	5490	62.5	349.0	5470.46	43.02	-84.61	90.25	61.22	N 11.0 W
48	5492	63.7	348.4	5471.36	44.77	-84.96	91.73	65.69	N 11.6 W
49	5494	64.9	348.0	5472.23	46.53	-85.33	93.24	62.65	N 12.0 W
50	5496	66.2	347.6	5473.06	48.31	-85.71	94.77	67.50	N 12.4 W
51	5498	67.7	347.5	5473.84	50.11	-86.11	96.32	75.14	N 12.5 W
52	5500	69.0	347.4	5474.58	51.92	-86.51	97.89	65.17	N 12.6 W
53	5502	63.3	345.6	5475.39	53.70	-86.94	99.45	296.63	N 14.4 W
54	5504	62.9	345.2	5476.29	55.43	-87.39	100.99	26.80	N 14.8 W
55	5506	62.7	344.8	5477.21	57.15	-87.85	102.53	20.41	N 15.2 W
56	5508	62.7	344.6	5478.12	58.86	-88.32	104.07	8.89	N 15.4 W
57	5510	62.6	344.3	5479.04	60.57	-88.79	105.62	14.23	N 15.7 W
58	5512	62.8	344.0	5479.96	62.28	-89.28	107.17	16.66	N 16.0 W
59	5514	63.1	343.9	5480.87	63.99	-89.77	108.73	15.65	N 16.1 W
60	5516	63.2	344.3	5481.77	65.71	-90.26	110.29	18.53	N 15.7 W
61	5518	63.6	344.2	5482.67	67.43	-90.75	111.85	20.49	N 15.8 W
62	5520	64.1	344.0	5483.55	69.16	-91.24	113.42	26.56	N 16.0 W
63	5522	64.8	344.1	5484.41	70.89	-91.73	114.99	35.29	N 15.9 W
64	5524	65.4	344.2	5485.25	72.64	-92.23	116.58	30.34	N 15.8 W
65	5526	66.0	344.4	5486.08	74.39	-92.72	118.17	31.35	N 15.6 W
66	5528	66.5	344.5	5486.88	76.16	-93.21	119.76	25.42	N 15.5 W
67	5530	67.0	344.5	5487.67	77.93	-93.70	121.36	25.00	N 15.5 W
68	5532	67.8	344.6	5488.44	79.71	-94.20	122.97	40.27	N 15.4 W
69	5534	68.4	344.6	5489.19	81.50	-94.69	124.58	30.00	N 15.4 W
70	5536	69.0	344.7	5489.91	83.29	-95.18	126.20	30.36	N 15.3 W
71	5538	69.7	344.7	5490.62	85.10	-95.68	127.83	35.00	N 15.3 W
72	5540	70.2	344.7	5491.30	86.91	-96.17	129.46	25.00	N 15.3 W
73	5542	70.8	344.7	5491.97	88.73	-96.67	131.10	30.00	N 15.3 W
74	5544	71.3	344.7	5492.62	90.55	-97.17	132.74	25.00	N 15.3 W
75	5546	71.8	344.7	5493.25	92.38	-97.67	134.39	25.00	N 15.3 W
76	5548	72.2	344.8	5493.87	94.22	-98.17	136.04	20.56	N 15.2 W
77	5550	72.7	344.8	5494.47	96.06	-98.67	137.69	25.00	N 15.2 W
78	5552	73.1	344.8	5495.06	97.90	-99.17	139.35	20.00	N 15.2 W
79	5554	73.4	344.8	5495.64	99.75	-99.67	141.01	15.00	N 15.2 W
80	5556	73.8	344.8	5496.20	101.60	-100.18	142.68	20.00	N 15.2 W
81	5558	73.9	344.1	5496.76	103.45	-100.69	144.35	33.99	N 15.9 W
82	5560	74.1	344.1	5497.31	105.30	-101.22	146.03	10.00	N 15.9 W
83	5562	74.2	344.0	5497.86	107.15	-101.75	147.71	6.94	N 16.0 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
84	5564	74.3	343.9	5498.40	109.00	-102.28	149.40	6.94	N 16.1 W
85	5566	74.4	343.8	5498.94	110.85	-102.81	151.08	6.94	N 16.2 W
86	5568	74.5	343.6	5499.48	112.70	-103.35	152.77	10.85	N 16.4 W
87	5570	74.6	343.5	5500.01	114.55	-103.90	154.47	6.94	N 16.5 W
88	5572	74.7	343.2	5500.54	116.40	-104.45	156.16	15.30	N 16.8 W
89	5574	74.8	343.0	5501.06	118.24	-105.01	157.87	10.87	N 17.0 W
90	5576	74.9	342.8	5501.59	120.09	-105.58	159.57	10.87	N 17.2 W
91	5578	75.1	342.6	5502.10	121.93	-106.16	161.28	13.90	N 17.4 W
92	5580	75.3	342.7	5502.62	123.78	-106.73	163.00	11.11	N 17.3 W
93	5582	75.4	342.3	5503.12	125.62	-107.31	164.71	19.99	N 17.7 W
94	5584	75.6	342.1	5503.62	127.47	-107.91	166.43	13.92	N 17.9 W
95	5586	75.7	341.8	5504.12	129.31	-108.51	168.16	15.37	N 18.2 W
96	5588	75.9	341.4	5504.61	131.15	-109.12	169.90	21.82	N 18.6 W
97	5590	76.1	341.3	5505.09	132.99	-109.74	171.63	11.11	N 18.7 W
98	5592	76.1	340.8	5505.57	134.83	-110.37	173.38	24.27	N 19.2 W
99	5594	76.2	340.7	5506.05	136.66	-111.01	175.13	6.97	N 19.3 W
100	5596	76.5	340.5	5506.52	138.49	-111.66	176.88	17.87	N 19.5 W
101	5598	76.7	340.3	5506.99	140.32	-112.31	178.64	13.95	N 19.7 W
102	5600	76.9	339.9	5507.44	142.16	-112.97	180.40	21.89	N 20.1 W
103	5602	77.1	339.8	5507.89	143.98	-113.64	182.17	11.12	N 20.2 W
104	5604	77.3	339.7	5508.34	145.81	-114.32	183.94	11.13	N 20.3 W
105	5606	77.5	339.5	5508.77	147.64	-115.00	185.72	13.97	N 20.5 W
106	5608	77.7	339.4	5509.20	149.47	-115.68	187.49	11.13	N 20.6 W
107	5610	77.8	339.2	5509.63	151.30	-116.37	189.28	10.98	N 20.8 W
108	5612	78.0	339.1	5510.05	153.13	-117.07	191.06	11.13	N 20.9 W
109	5614	78.2	339.0	5510.46	154.96	-117.77	192.85	11.13	N 21.0 W
110	5616	78.4	338.8	5510.86	156.78	-118.47	194.64	14.00	N 21.2 W
111	5618	78.6	338.7	5511.26	158.61	-119.19	196.43	11.14	N 21.3 W
112	5620	78.9	338.6	5511.65	160.44	-119.90	198.23	15.78	N 21.4 W
113	5622	79.1	338.4	5512.03	162.26	-120.62	200.03	14.01	N 21.6 W
114	5624	79.4	338.3	5512.41	164.09	-121.34	201.83	15.78	N 21.7 W
115	5626	79.7	338.1	5512.77	165.92	-122.07	203.64	17.94	N 21.9 W
116	5628	80.0	337.9	5513.12	167.74	-122.81	205.45	17.94	N 22.1 W
117	5630	80.4	337.7	5513.46	169.57	-123.56	207.27	22.30	N 22.3 W
118	5632	80.9	337.6	5513.79	171.39	-124.31	209.09	25.48	N 22.4 W
119	5634	81.3	337.6	5514.10	173.22	-125.06	210.91	20.00	N 22.4 W
120	5636	81.7	337.5	5514.39	175.05	-125.81	212.74	20.60	N 22.5 W
121	5638	82.2	337.3	5514.67	176.87	-126.58	214.57	26.89	N 22.7 W
122	5640	82.6	337.0	5514.94	178.70	-127.35	216.41	24.92	N 23.0 W
123	5642	83.0	336.9	5515.19	180.53	-128.12	218.25	20.61	N 23.1 W
124	5644	83.3	336.9	5515.43	182.35	-128.90	220.09	15.00	N 23.1 W
125	5646	83.8	336.7	5515.65	184.18	-129.68	221.94	26.90	N 23.3 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
126	5648	84.0	336.8	5515.86	186.01	-130.47	223.78	11.17	N 23.2 W
127	5650	84.3	336.5	5516.07	187.83	-131.26	225.63	21.16	N 23.5 W
128	5652	84.4	336.4	5516.27	189.66	-132.05	227.48	7.05	N 23.6 W
129	5654	84.6	336.2	5516.46	191.48	-132.85	229.34	14.11	N 23.8 W
130	5656	84.7	336.0	5516.64	193.30	-133.66	231.20	11.14	N 24.0 W
131	5658	84.9	335.8	5516.82	195.12	-134.47	233.06	14.11	N 24.2 W
132	5660	84.9	335.7	5517.00	196.94	-135.29	234.92	4.98	N 24.3 W
133	5662	85.1	335.5	5517.18	198.75	-136.11	236.79	14.12	N 24.5 W
134	5664	85.2	335.4	5517.35	200.56	-136.94	238.65	7.06	N 24.6 W
135	5666	85.5	335.2	5517.51	202.37	-137.78	240.52	18.01	N 24.8 W
136	5668	85.6	334.9	5517.66	204.18	-138.62	242.40	15.77	N 25.1 W
137	5670	85.7	334.9	5517.81	205.99	-139.46	244.27	5.00	N 25.1 W
138	5672	85.9	334.9	5517.96	207.79	-140.31	246.15	10.00	N 25.1 W
139	5674	86.2	334.7	5518.10	209.60	-141.16	248.02	18.01	N 25.3 W
140	5676	86.4	334.5	5518.23	211.40	-142.01	249.90	14.13	N 25.5 W
141	5678	86.6	334.2	5518.35	213.20	-142.88	251.79	18.00	N 25.8 W
142	5680	86.6	333.9	5518.47	215.00	-143.75	253.67	14.97	N 26.1 W
143	5682	86.9	333.8	5518.58	216.79	-144.63	255.56	15.81	N 26.2 W
144	5684	87.1	333.7	5518.69	218.58	-145.52	257.46	11.18	N 26.3 W
145	5686	87.2	333.6	5518.79	220.37	-146.40	259.35	7.07	N 26.4 W
146	5688	87.4	333.6	5518.88	222.16	-147.29	261.24	10.00	N 26.4 W
147	5690	87.8	333.6	5518.96	223.95	-148.18	263.14	20.00	N 26.4 W
148	5692	87.9	333.6	5519.04	225.74	-149.07	265.03	5.00	N 26.4 W
149	5694	88.1	333.5	5519.11	227.53	-149.96	266.92	11.18	N 26.5 W
150	5696	88.4	333.4	5519.17	229.32	-150.85	268.82	15.81	N 26.6 W
151	5698	88.5	333.5	5519.22	231.11	-151.75	270.72	7.07	N 26.5 W
152	5700	88.8	333.5	5519.27	232.90	-152.64	272.61	15.00	N 26.5 W
153	5710	90.4	333.6	5519.34	241.85	-157.09	282.09	16.03	N 26.4 W
154	5720	92.1	334.2	5519.12	250.83	-161.49	291.55	18.03	N 25.8 W
155	5730	93.5	334.7	5518.63	259.84	-165.80	300.97	14.86	N 25.3 W
156	5740	94.6	334.1	5517.93	268.83	-170.11	310.38	12.52	N 25.9 W
157	5750	94.9	333.0	5517.10	277.76	-174.55	319.83	11.37	N 27.0 W
158	5760	94.7	331.2	5516.26	286.56	-179.21	329.35	18.05	N 28.8 W
159	5770	94.9	328.5	5515.43	295.18	-184.21	338.98	26.98	N 31.5 W
160	5780	95.0	326.8	5514.56	303.59	-189.54	348.70	16.97	N 33.2 W
161	5790	95.0	325.5	5513.69	311.87	-195.09	358.48	12.95	N 34.5 W
162	5800	94.1	324.3	5512.90	320.02	-200.82	368.30	14.97	N 35.7 W
163	5810	91.6	322.1	5512.40	328.02	-206.81	378.18	33.28	N 37.9 W
164	5820	90.0	319.2	5512.26	335.75	-213.15	388.13	33.12	N 40.8 W
165	5830	89.1	317.1	5512.34	343.20	-219.82	398.11	22.85	N 42.9 W
166	5840	88.8	315.5	5512.52	350.43	-226.72	408.11	16.28	N 44.5 W
167	5850	89.3	314.1	5512.69	357.47	-233.82	418.11	14.86	N 45.9 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
168	5860	89.9	313.2	5512.76	364.37	-241.05	428.10	10.82	N 46.8 W
169	5870	91.0	311.7	5512.68	371.12	-248.43	438.09	18.60	N 48.3 W
170	5880	92.3	310.4	5512.39	377.69	-255.97	448.06	18.38	N 49.6 W
171	5890	93.0	308.0	5511.93	384.00	-263.71	458.00	24.98	N 52.0 W
172	5900	94.2	306.7	5511.30	390.06	-271.64	467.89	17.67	N 53.3 W
173	5910	95.6	305.4	5510.45	395.92	-279.70	477.73	19.07	N 54.6 W
174	5920	96.6	304.8	5509.39	401.64	-287.83	487.53	11.64	N 55.2 W
175	5930	97.2	303.8	5508.18	407.23	-296.04	497.28	11.60	N 56.2 W
176	5940	97.4	303.2	5506.91	412.70	-304.31	507.00	6.28	N 56.8 W
177	5950	98.1	303.2	5505.57	418.13	-312.60	516.70	7.00	N 56.8 W
178	5960	97.9	303.5	5504.17	423.57	-320.87	526.40	3.58	N 56.5 W
179	5970	93.5	304.2	5503.18	429.12	-329.13	536.16	44.55	N 55.8 W
180	5980	90.9	303.2	5502.80	434.66	-337.44	545.96	27.85	N 56.8 W
181	5990	90.5	303.4	5502.67	440.15	-345.80	555.75	4.47	N 56.6 W
182	6000	90.8	303.5	5502.56	445.66	-354.14	565.55	3.16	N 56.5 W
183	6010	90.9	303.1	5502.41	451.15	-362.50	575.34	4.12	N 56.9 W
184	6020	91.0	303.0	5502.25	456.60	-370.88	585.12	1.41	N 57.0 W
185	6030	90.5	303.0	5502.12	462.05	-379.27	594.90	5.00	N 57.0 W
186	6040	89.2	302.6	5502.14	467.47	-387.67	604.68	13.60	N 57.4 W
187	6050	88.8	303.5	5502.32	472.92	-396.05	614.46	9.85	N 56.5 W
188	6060	88.4	303.5	5502.56	478.44	-404.39	624.25	4.00	N 56.5 W
189	6070	88.6	303.7	5502.82	483.97	-412.72	634.05	2.83	N 56.3 W
190	6080	89.0	303.9	5503.03	489.53	-421.03	643.86	4.47	N 56.1 W
191	6090	89.2	303.6	5503.19	495.09	-429.34	653.67	3.61	N 56.4 W
192	6100	89.3	303.1	5503.32	500.58	-437.69	663.46	5.10	N 56.9 W
193	6110	89.2	302.2	5503.45	505.98	-446.11	673.23	9.05	N 57.8 W
194	6120	89.2	301.6	5503.59	511.26	-454.60	682.97	6.00	N 58.4 W
195	6130	89.7	301.4	5503.69	516.49	-463.13	692.69	5.39	N 58.6 W
196	6140	90.4	301.1	5503.68	521.67	-471.67	702.40	7.62	N 58.9 W
197	6150	90.7	301.1	5503.58	526.84	-480.24	712.11	3.00	N 58.9 W
198	6160	91.0	300.9	5503.43	531.99	-488.81	721.81	3.61	N 59.1 W
199	6170	91.0	299.7	5503.26	537.03	-497.44	731.48	12.00	N 60.3 W
200	6180	91.7	299.7	5503.02	541.99	-506.12	741.13	7.00	N 60.3 W
201	6190	92.3	299.9	5502.67	546.95	-514.80	750.77	6.32	N 60.1 W
202	6200	92.6	298.9	5502.25	551.86	-523.50	760.39	10.43	N 61.1 W
203	6210	92.2	299.2	5501.83	556.71	-532.23	770.00	5.00	N 60.8 W
204	6220	91.8	299.6	5501.48	561.61	-540.94	779.62	5.66	N 60.4 W
205	6230	90.7	302.6	5501.26	566.78	-549.50	789.33	31.95	N 57.4 W
206	6240	88.8	304.1	5501.30	572.28	-557.85	799.12	24.21	N 55.9 W
207	6250	87.5	305.1	5501.63	577.95	-566.08	808.95	16.40	N 54.9 W
208	6260	86.7	305.8	5502.13	583.74	-574.22	818.80	10.62	N 54.2 W
209	6270	86.8	306.3	5502.70	589.62	-582.29	828.66	5.09	N 53.7 W

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #5
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/01/96
FINISH: 02/05/96
BECFIELD DRILLERS
LOU HOLDER
MARK GASS
STEVE DISOTELL

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
210	6280	87.6	306.4	5503.19	595.54	-590.33	838.54	8.06	N 53.6 W
211	6283	88.0	306.5	5503.30	597.32	-592.74	841.50	13.74	N 53.5 W
212	6293	89.3	306.8	5503.54	603.29	-600.76	851.39	13.74	N 53.2 W
213	6303	90.7	307.2	5503.54	609.31	-608.75	861.30	13.74	N 52.8 W

Survey No. 0 is a tie in to S.D.I. Finder Gyro
Survey No. 52 is Sidetrack point for Leg #5
Surveys No. 1 - 211 are by Becfield Steering Tool.
Surveys No. 212 & 213 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 861.30 feet
Displacement Bearing: North 44.97° West

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
0	5390	1.0	153.2	5388.43	-0.[illegible]	-76.26	53.38	0.58	S 26.8 E
1	5398	0.8	147.9	5396.43	-0.88	-76.20	53.26	2.13	S 32.1 E
2	5400	0.5	150.3	5398.43	-0.90	-76.19	53.24	15.06	S 29.7 E
3	5402	0.1	131.0	5400.43	-0.90	-76.18	53.23	20.35	S 49.0 E
4	5404	0.7	355.4	5402.43	-0.89	-76.18	53.24	38.73	N 4.6 W
5	5406	2.1	336.7	5404.43	-0.85	-76.20	53.28	72.72	N 23.3 W
6	5408	3.5	335.3	5406.43	-0.76	-76.24	53.37	70.08	N 24.7 W
7	5410	5.0	335.6	5408.42	-0.62	-76.30	53.51	75.01	N 24.4 W
8	5412	6.7	335.2	5410.41	-0.44	-76.38	53.70	85.02	N 24.8 W
9	5414	8.3	335.2	5412.39	-0.20	-76.49	53.95	80.00	N 24.8 W
10	5416	10.0	335.4	5414.37	0.09	-76.63	54.25	85.01	N 24.6 W
11	5418	11.8	334.8	5416.33	0.43	-76.79	54.60	90.18	N 25.2 W
12	5420	13.4	334.9	5418.28	0.83	-76.97	55.01	80.01	N 25.1 W
13	5422	15.1	335.1	5420.22	1.27	-77.18	55.47	85.04	N 24.9 W
14	5424	16.9	335.3	5422.14	1.77	-77.41	55.99	90.04	N 24.7 W
15	5426	18.4	335.4	5424.05	2.32	-77.66	56.56	75.02	N 24.6 W
16	5428	20.1	335.6	5425.94	2.92	-77.94	57.18	85.06	N 24.4 W
17	5430	21.7	335.8	5427.81	3.57	-78.23	57.84	80.08	N 24.2 W
18	5432	23.2	336.0	5429.65	4.27	-78.54	58.56	75.10	N 24.0 W
19	5434	24.7	336.1	5431.48	5.01	-78.87	59.32	75.03	N 23.9 W
20	5436	26.4	336.3	5433.29	5.80	-79.22	60.12	85.11	N 23.7 W
21	5438	27.9	336.5	5435.07	6.64	-79.59	60.97	75.14	N 23.5 W
22	5440	29.4	336.7	5436.82	7.52	-79.97	61.86	75.15	N 23.3 W
23	5442	31.0	336.7	5438.55	8.44	-80.36	62.80	80.00	N 23.3 W
24	5444	32.4	339.6	5440.25	9.42	-80.75	63.76	103.45	N 20.4 W
25	5446	33.9	342.2	5441.93	10.45	-81.11	64.74	103.32	N 17.8 W
26	5448	35.2	344.3	5443.57	11.54	-81.44	65.74	88.15	N 15.7 W
27	5450	36.7	346.3	5445.19	12.67	-81.74	66.76	95.24	N 13.7 W
28	5452	37.9	348.0	5446.78	13.85	-82.01	67.78	79.07	N 12.0 W
29	5454	39.3	349.7	5448.35	15.08	-82.25	68.82	87.81	N 10.3 W
30	5456	41.1	351.6	5449.87	16.35	-82.46	69.87	108.90	N 8.4 W
31	5458	42.4	353.1	5451.37	17.67	-82.63	70.93	81.97	N 6.9 W
32	5460	43.7	354.6	5452.83	19.03	-82.78	71.99	82.74	N 5.4 W
33	5462	45.0	356.0	5454.26	20.42	-82.89	73.05	81.36	N 4.0 W
34	5464	46.4	357.3	5455.65	21.85	-82.98	74.12	84.05	N 2.7 W
35	5466	47.9	358.2	5457.01	23.32	-83.03	75.20	81.93	N 1.8 W
36	5468	49.4	358.9	5458.34	24.82	-83.07	76.29	79.47	N 1.1 W
37	5470	51.0	359.5	5459.62	26.35	-83.09	77.39	83.25	N 0.5 W
38	5472	52.4	359.4	5460.86	27.92	-83.11	78.51	70.11	N 0.6 W
39	5474	53.7	358.8	5462.06	29.52	-83.13	79.66	69.28	N 1.2 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
40	5476	55.0	357.9	5463.22	31.15	-83.18	80.84	74.58	N 2.1 W
41	5478	56.3	356.8	5464.35	32.79	-83.26	82.06	79.29	N 3.2 W
42	5480	57.4	355.3	5465.45	34.47	-83.37	83.32	83.47	N 4.7 W
43	5482	58.3	353.8	5466.51	36.15	-83.53	84.63	77.83	N 6.2 W
44	5484	59.2	352.5	5467.55	37.85	-83.74	85.97	71.50	N 7.5 W
45	5486	60.6	350.8	5468.55	39.56	-83.99	87.36	101.52	N 9.2 W
46	5488	61.5	349.8	5469.52	41.28	-84.28	88.79	62.76	N 10.2 W
47	5490	62.5	349.0	5470.46	43.02	-84.61	90.25	61.22	N 11.0 W
48	5492	63.7	348.4	5471.36	44.77	-84.96	91.73	65.69	N 11.6 W
49	5494	64.9	348.0	5472.23	46.53	-85.33	93.24	62.65	N 12.0 W
50	5496	66.2	347.6	5473.06	48.31	-85.71	94.77	67.50	N 12.4 W
51	5498	67.7	347.5	5473.84	50.11	-86.11	96.32	75.14	N 12.5 W
52	5500	69.0	347.4	5474.58	51.92	-86.51	97.89	65.17	N 12.6 W
53	5502	63.3	345.6	5475.39	53.70	-86.94	99.45	296.63	N 14.4 W
54	5504	62.9	345.2	5476.29	55.43	-87.39	100.99	26.80	N 14.8 W
55	5506	62.7	344.8	5477.21	57.15	-87.85	102.53	20.41	N 15.2 W
56	5508	62.7	344.6	5478.12	58.86	-88.32	104.07	8.89	N 15.4 W
57	5510	62.6	344.3	5479.04	60.57	-88.79	105.62	14.23	N 15.7 W
58	5512	62.8	344.0	5479.96	62.28	-89.28	107.17	16.66	N 16.0 W
59	5514	63.1	343.9	5480.87	63.99	-89.77	108.73	15.65	N 16.1 W
60	5516	59.7	340.8	5481.83	65.67	-90.30	110.29	217.73	N 19.2 W
61	5518	59.1	339.7	5482.84	67.29	-90.88	111.84	56.05	N 20.3 W
62	5520	58.4	338.8	5483.88	68.89	-91.49	113.40	52.01	N 21.2 W
63	5522	58.0	337.8	5484.94	70.47	-92.12	114.96	46.97	N 22.2 W
64	5524	57.9	336.9	5486.00	72.03	-92.77	116.53	38.47	N 23.1 W
65	5526	57.9	336.1	5487.06	73.58	-93.45	118.11	33.88	N 23.9 W
66	5528	57.9	335.3	5488.12	75.13	-94.14	119.69	33.88	N 24.7 W
67	5530	57.9	334.6	5489.19	76.66	-94.86	121.29	29.65	N 25.4 W
68	5532	58.1	334.2	5490.25	78.19	-95.59	122.89	19.69	N 25.8 W
69	5534	58.1	333.5	5491.30	79.72	-96.34	124.49	29.71	N 26.5 W
70	5536	58.2	333.1	5492.36	81.23	-97.11	126.11	17.71	N 26.9 W
71	5538	58.2	332.6	5493.41	82.75	-97.88	127.72	21.25	N 27.4 W
72	5540	58.3	332.4	5494.46	84.25	-98.67	129.35	9.86	N 27.6 W
73	5542	58.3	331.9	5495.51	85.76	-99.46	130.97	21.27	N 28.1 W
74	5544	58.3	331.5	5496.57	87.26	-100.27	132.60	17.02	N 28.5 W
75	5546	58.4	331.2	5497.62	88.75	-101.08	134.23	13.71	N 28.8 W
76	5548	58.4	330.7	5498.66	90.24	-101.91	135.87	21.29	N 29.3 W
77	5550	58.5	330.4	5499.71	91.72	-102.75	137.51	13.73	N 29.6 W
78	5552	58.7	330.1	5500.75	93.21	-103.60	139.16	16.25	N 29.9 W
79	5554	58.6	329.7	5501.79	94.68	-104.45	140.81	17.80	N 30.3 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
80	5556	58.7	329.5	5502.83	96.16	-105.32	142.46	9.90	N 30.5 W
81	5558	58.7	329.3	5503.87	97.63	-106.19	144.12	8.54	N 30.7 W
82	5560	58.8	329.0	5504.91	99.10	-107.06	145.78	13.76	N 31.0 W
83	5562	58.8	328.7	5505.95	100.56	-107.95	147.44	12.83	N 31.3 W
84	5564	58.8	328.3	5506.98	102.02	-108.84	149.10	17.11	N 31.7 W
85	5566	58.8	328.0	5508.02	103.47	-109.75	150.77	12.83	N 32.0 W
86	5568	58.8	327.7	5509.05	104.92	-110.66	152.44	12.83	N 32.3 W
87	5570	58.8	327.5	5510.09	106.37	-111.57	154.11	8.55	N 32.5 W
88	5572	58.8	327.2	5511.13	107.81	-112.50	155.78	12.83	N 32.8 W
89	5574	58.9	327.0	5512.16	109.24	-113.43	157.45	9.91	N 33.0 W
90	5576	59.0	326.7	5513.19	110.68	-114.36	159.13	13.79	N 33.3 W
91	5578	59.1	326.4	5514.22	112.11	-115.31	160.81	13.80	N 33.6 W
92	5580	59.2	326.1	5515.25	113.54	-116.26	162.49	13.81	N 33.9 W
93	5582	59.2	325.7	5516.27	114.96	-117.23	164.18	17.18	N 34.3 W
94	5584	59.2	325.4	5517.29	116.38	-118.20	165.87	12.88	N 34.6 W
95	5586	59.2	325.2	5518.32	117.79	-119.18	167.56	8.59	N 34.8 W
96	5588	59.4	325.0	5519.34	119.20	-120.16	169.25	13.19	N 35.0 W
97	5590	59.5	325.0	5520.36	120.61	-121.15	170.95	5.00	N 35.0 W
98	5592	59.6	324.7	5521.37	122.02	-122.14	172.65	13.86	N 35.3 W
99	5594	59.7	324.4	5522.38	123.42	-123.14	174.35	13.88	N 35.6 W
100	5596	59.9	324.4	5523.39	124.83	-124.15	176.05	10.00	N 35.6 W
101	5598	60.1	324.3	5524.39	126.24	-125.16	177.76	10.90	N 35.7 W
102	5600	60.3	324.2	5525.38	127.65	-126.17	179.48	10.90	N 35.8 W
103	5602	60.5	324.1	5526.37	129.06	-127.19	181.19	10.90	N 35.9 W
104	5604	60.9	324.1	5527.35	130.47	-128.21	182.91	20.00	N 35.9 W
105	5606	61.1	324.0	5528.32	131.88	-129.24	184.64	10.91	N 36.0 W
106	5608	61.3	324.0	5529.28	133.30	-130.27	186.37	10.00	N 36.0 W
107	5610	61.5	324.1	5530.24	134.72	-131.30	188.11	10.92	N 35.9 W
108	5612	61.8	324.1	5531.19	136.15	-132.33	189.85	15.00	N 35.9 W
109	5614	62.1	324.1	5532.13	137.58	-133.37	191.59	15.00	N 35.9 W
110	5616	62.3	324.1	5533.06	139.01	-134.40	193.33	10.00	N 35.9 W
111	5618	62.6	324.1	5533.99	140.45	-135.44	195.09	15.00	N 35.9 W
112	5620	62.8	324.1	5534.90	141.89	-136.49	196.84	10.00	N 35.9 W
113	5622	62.8	326.1	5535.82	143.35	-137.50	198.59	88.94	N 33.9 W
114	5624	63.1	326.1	5536.73	144.83	-138.50	200.34	15.00	N 33.9 W
115	5626	63.3	326.1	5537.63	146.31	-139.49	202.09	10.00	N 33.9 W
116	5628	63.5	326.1	5538.52	147.79	-140.49	203.85	10.00	N 33.9 W
117	5630	63.8	326.1	5539.41	149.28	-141.49	205.60	15.00	N 33.9 W
118	5632	64.1	326.0	5540.29	150.77	-142.49	207.37	15.66	N 34.0 W
119	5634	64.4	326.0	5541.16	152.26	-143.50	209.14	15.00	N 34.0 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
120	5636	65.1	325.9	5542.01	153.76	-144.51	210.91	35.29	N 34.1 W
121	5638	66.0	325.7	5542.84	155.27	-145.54	212.70	45.91	N 34.3 W
122	5640	67.0	325.7	5543.64	156.78	-146.57	214.50	50.00	N 34.3 W
123	5642	68.0	325.7	5544.40	158.31	-147.61	216.32	50.00	N 34.3 W
124	5644	69.2	325.6	5545.13	159.85	-148.66	218.15	60.18	N 34.4 W
125	5646	70.6	325.4	5545.82	161.39	-149.73	220.00	70.63	N 34.6 W
126	5648	72.7	325.4	5546.45	162.96	-150.80	221.86	105.00	N 34.6 W
127	5650	74.0	325.4	5547.02	164.53	-151.89	223.75	65.00	N 34.6 W
128	5652	75.7	325.2	5547.54	166.12	-152.99	225.65	85.55	N 34.8 W
129	5654	77.4	325.2	5548.01	167.72	-154.10	227.56	85.00	N 34.8 W
130	5656	79.2	325.3	5548.42	169.33	-155.22	229.49	90.13	N 34.7 W
131	5658	80.9	323.3	5548.76	170.93	-156.37	231.43	130.10	N 36.7 W
132	5660	82.6	323.3	5549.05	172.51	-157.55	233.39	85.00	N 36.7 W
133	5662	84.5	323.2	5549.27	174.11	-158.74	235.36	95.13	N 36.8 W
134	5664	86.0	323.2	5549.44	175.70	-159.93	237.33	75.00	N 36.8 W
135	5666	87.7	323.2	5549.55	177.30	-161.13	239.31	85.00	N 36.8 W
136	5668	89.0	322.9	5549.61	178.90	-162.33	241.29	66.71	N 37.1 W
137	5670	90.6	321.8	5549.61	180.48	-163.55	243.27	97.08	N 38.2 W
138	5672	91.6	321.5	5549.57	182.05	-164.79	245.26	52.20	N 38.5 W
139	5674	92.3	321.1	5549.51	183.61	-166.04	247.24	40.31	N 38.9 W
140	5676	92.9	320.7	5549.42	185.16	-167.30	249.23	36.04	N 39.3 W
141	5678	93.2	320.5	5549.31	186.70	-168.57	251.22	18.02	N 39.5 W
142	5680	93.4	320.1	5549.19	188.24	-169.85	253.21	22.33	N 39.9 W
143	5690	92.4	318.1	5548.69	195.79	-176.38	263.17	22.34	N 41.9 W
144	5700	90.8	316.2	5548.41	203.12	-183.18	273.15	24.83	N 43.8 W
145	5710	90.3	315.1	5548.31	210.27	-190.17	283.15	12.08	N 44.9 W
146	5720	90.3	314.3	5548.26	217.30	-197.28	293.15	8.00	N 45.7 W
147	5730	90.4	314.1	5548.20	224.27	-204.45	303.15	2.24	N 45.9 W
148	5740	90.9	314.7	5548.09	231.27	-211.59	313.15	7.81	N 45.3 W
149	5750	91.4	314.4	5547.89	238.28	-218.72	323.15	5.83	N 45.6 W
150	5760	92.4	314.3	5547.55	245.27	-225.86	333.14	10.05	N 45.7 W
151	5770	92.9	314.3	5547.09	252.25	-233.01	343.13	5.00	N 45.7 W
152	5780	93.1	314.0	5546.57	259.20	-240.18	353.12	3.60	N 46.0 W
153	5790	93.1	313.9	5546.03	266.13	-247.37	363.10	1.00	N 46.1 W
154	5800	93.0	313.6	5545.50	273.04	-254.58	373.08	3.16	N 46.4 W
155	5810	93.1	313.5	5544.96	279.92	-261.82	383.07	1.41	N 46.5 W
156	5820	92.8	313.3	5544.45	286.78	-269.07	393.05	3.60	N 46.7 W
157	5830	92.8	313.8	5543.96	293.66	-276.31	403.03	4.99	N 46.2 W
158	5840	92.4	313.8	5543.51	300.57	-283.52	413.02	4.00	N 46.2 W
159	5850	91.7	313.9	5543.15	307.50	-290.73	423.01	7.07	N 46.1 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
160	5860	91.3	313.8	5542.89	314.42	-297.94	433.01	4.12	N 46.2 W
161	5870	91.2	313.7	5542.67	321.34	-305.16	443.00	1.41	N 46.3 W
162	5880	91.4	313.5	5542.44	328.23	-312.40	453.00	2.83	N 46.5 W
163	5890	90.9	312.5	5542.24	335.05	-319.71	462.99	11.18	N 47.5 W
164	5900	91.0	312.4	5542.08	341.80	-327.09	472.98	1.41	N 47.6 W
165	5910	91.8	312.3	5541.83	348.53	-334.48	482.96	8.06	N 47.7 W
166	5920	92.6	313.0	5541.45	355.30	-341.83	492.95	10.63	N 47.0 W
167	5930	93.1	313.1	5540.95	362.12	-349.13	502.93	5.10	N 46.9 W
168	5940	93.6	313.2	5540.37	368.95	-356.41	512.91	5.10	N 46.8 W
169	5950	93.9	312.5	5539.71	375.73	-363.73	522.88	7.60	N 47.5 W
170	5960	93.8	312.4	5539.04	382.47	-371.09	532.85	1.41	N 47.6 W
171	5970	93.5	312.2	5538.40	389.19	-378.47	542.81	3.60	N 47.8 W
172	5980	93.3	311.5	5537.81	395.85	-385.91	552.78	7.27	N 48.5 W
173	5990	92.5	311.7	5537.30	402.48	-393.37	562.75	8.25	N 48.3 W
174	6000	91.9	312.5	5536.92	409.18	-400.79	572.73	10.00	N 47.5 W
175	6010	91.3	313.2	5536.64	415.97	-408.12	582.72	9.22	N 46.8 W
176	6020	90.7	313.6	5536.47	422.84	-415.38	592.71	7.21	N 46.4 W
177	6030	90.0	313.8	5536.41	429.75	-422.61	602.71	7.28	N 46.2 W
178	6040	89.4	315.0	5536.46	436.75	-429.76	612.71	13.42	N 45.0 W
179	6050	89.4	314.9	5536.56	443.81	-436.83	622.71	1.00	N 45.1 W
180	6060	89.9	314.8	5536.62	450.86	-443.92	632.71	5.10	N 45.2 W
181	6070	90.0	315.1	5536.63	457.93	-451.00	642.71	3.16	N 44.9 W
182	6080	90.0	315.0	5536.63	465.01	-458.06	652.71	1.00	N 45.0 W
183	6090	91.3	314.9	5536.52	472.07	-465.14	662.71	13.04	N 45.1 W
184	6100	94.1	314.6	5536.05	479.10	-472.23	672.70	28.16	N 45.4 W
185	6110	95.9	315.7	5535.18	486.16	-479.26	682.66	21.07	N 44.3 W
186	6120	96.3	315.7	5534.11	493.28	-486.20	692.60	4.00	N 44.3 W
187	6130	96.5	315.8	5533.00	500.40	-493.14	702.54	2.23	N 44.2 W
188	6140	96.6	315.0	5531.86	507.47	-500.11	712.47	8.01	N 45.0 W
189	6150	96.4	315.6	5530.73	514.54	-507.10	722.41	6.29	N 44.4 W
190	6160	94.0	315.6	5529.82	521.65	-514.07	732.36	24.00	N 44.4 W
191	6170	90.2	314.5	5529.45	528.72	-521.13	742.36	39.56	N 45.5 W
192	6180	88.9	314.3	5529.53	535.72	-528.27	752.35	13.15	N 45.7 W
193	6190	88.3	314.1	5529.78	542.69	-535.44	762.35	6.32	N 45.9 W
194	6200	88.1	314.0	5530.09	549.64	-542.62	772.34	2.24	N 46.0 W
195	6210	87.8	313.6	5530.45	556.55	-549.84	782.34	5.00	N 46.4 W
196	6220	88.1	313.3	5530.81	563.43	-557.09	792.33	4.24	N 46.7 W
197	6230	88.7	313.2	5531.09	570.28	-564.37	802.32	6.08	N 46.8 W
198	6240	88.7	312.9	5531.31	577.10	-571.68	812.31	3.00	N 47.1 W
199	6250	90.1	313.1	5531.42	583.92	-578.99	822.30	14.14	N 46.9 W

BECFIELD SURVEY & TARGET TRACKING PROGRAM

OPERATOR: TEXACO E & P
WELL #: ANETH UNIT J #230 LEG #6
LOCATION: SAN JUAN COUNTY, UTAH
JOB #: 163-004

START: 02/05/96
FINISH: 02/09/96
BECFIELD DRILLERS
JEFF MYERS
STEVE DISOTELL
LOU HOLDER

MINIMUM CURVATURE
CALCULATIONS (SPE-3362)

PROPOSED DIRECTION: 315

SUR NUM	MD	INC	TRUE AZM	TVD	N-S	E-W	SECT	DLS/ 100	TRUE BEARING
200	6260	91.7	312.7	5531.26	590.73	-586.32	832.29	16.49	N 47.3 W
201	6270	92.2	313.1	5530.92	597.53	-593.64	842.28	6.40	N 46.9 W
202	6280	91.8	313.0	5530.57	604.35	-600.94	852.27	4.12	N 47.0 W
203	6290	91.8	313.6	5530.26	611.21	-608.21	862.26	6.00	N 46.4 W
204	6298	91.7	314.6	5530.01	616.77	-613.96	870.25	12.56	N 45.4 W
BIT	6318	91.5	317.1	5529.46	631.11	-627.88	890.24	12.56	N 42.9 W

Survey No. 0 is a tie in to S.D.I. Finder Gyro
Survey No. 60 is Sidetrack point for Leg #6
Surveys No. 1 - 204 are by Becfield Steering Tool.
Surveys No. 205 are projections to Bit Depth.

Botttom Hole Location from Surface Location:
Horizontal Displacement: 890.24 feet
Displacement Bearing: North 44.85° West

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-8839 A

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

8. Well Name and Number: ANETH UNIT J230

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.: 4303730240

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

Unit Letter E : 1980 Feet From The NORTH Line and 660 Feet From The WEST Line Section 30 Township T40S Range R25E

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
	☐ Altering Casing	☐ Conversion to Injection
	☒ OTHER: ACID STIMULATE	☐ 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 ACIDIZED AND LOGGED THE HORIZONTAL SECTIONS IN THE SUBJECT WELLBORE.

6/18-21/96. MIRUSU. TOOH WITH PRODUCTION EQUIPMENT. TIH WITH PACKER AND SET @ 5398'. RU AND ACIDIZED WITH 85,000 GALS OF 20% HCL. ALTERNATING 5,000 GALS 20% HCL AND 5,000 GALS 20% LCA, ENDING WITH 5,000 GALS 20% HCL. FLUSHED WITH SLICK WATER. SWABBED. MAX. PSI @ 2400#, MIN. PSI @ 50#, AVG. PSI @ 50#, AVG BPM @ 6 BPM.
6/22-7/08/96. TOOH WITH TBG AND PACKER. TIH WITH PRODUCTION EQUIPMENT WITH SUB PUMP @ 5289'. PUT ON PRODUCTION TEST.
7/08-17/96. MIRUSU. TOOH WITH PRODUCTION EQUIPMENT. TIH AND TO SURVEY LATERAL #1. TAGGED @ 6423'. TRIED TO CIRCULATE. TOOH TO 5500' WITH LOGGING TOOL AND STEER INTO LATERAL #4. RAN MUTIPLE ISOTOPE SPECTROSCOPY LOG FROM 5428-5387'. POOH. PUMPED DOWN GR TOOL TO 5406'. OK. POOH. TIH AND RAN MULTIPLE ISOTOPE SPECTROSCOPY IN LATERAL #4 FROM 6302'-5387'. TOH. STEER INTO LATERAL #1 AND RAN LOG FROM 6399'-5387'. TOH. STEER INTO LATERAL #2 AND RAN LOG FROM 6340'-5387'. TOH. ATTEMPTED TO STEER INTO LATERALS #3, #4 AND #5. DID NOT SUCCEED.
7/17/96. TIH WITH 2-7/8" AND SET SUB PUMP @ 5289'. PUT ON PRODUCTION TEST.
8/03/96. TAKE OFF TEST. PUT ON PRODUCTION.

RECEIVED
SEP 03 1996
DIV. OF OIL GAS & MINING

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

SIGNATURE Rached Hindi TITLE Senior Engineer DATE 8/26/96

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.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
MAR 11 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-8839 A
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 J230
9. API Well No.: 4303730240
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 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter E : 1980 Feet From The NORTH Line and 660 Feet From The WEST Line Section 30 Township T40S Range R25E

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 COMPLETED DRLG & ACIDIZING SIX HORIZ. SECTIONS IN THE SUBJECT WELLBORE.

10/26 -11/11/95 MIRU, SET CMT RETAINER @ 5456', SQUEEZED PERFS 5472-5628' W/ 100 SXS, MILLED WINDOW 5387-5427', PREPARED KOP W 225 SXS CMT, RDMO
11/12 - 2/13/96 MIRU, UNDERREAMED WINDOW 5387-5423', SPOT 50 SXS CMT, DRILL CMT TO 5394', KOP @ 5398', DRILLED SIX HORIZ. SECTIONS: BOTTOM HOLE LOCATIONS AS FOLLOWS:

SOUTHEAST SECTION: LATERAL #1: 5398-6435' (MD) (TVD=5468') BHL 2640' FNL & 1319' FWL OF SEC. 30
LATERAL #2:5398-6373' (MD) (TVD=5504') BHL 2588' FNL & 1269' FWL OF SEC. 30
LATERAL #3: 5398-6408' (MD) (TVD=5529') BHL 2611' FNL & 1287' FWL OF SEC. 30

NORTHWEST SECTION: LATERAL #4: 5398-6353' (MD) (TVD=5477') BHL 1324' FNL & 1' FWL OF SEC. 30
LATERAL #5: 5398-6303' (MD) (TVD=5503') BHL 1371' FNL & 51' FWL OF SEC. 30
LATERAL #6: 5398-6318' (MD) (TVD=5529') BHL 1349' FNL & 32' FWL OF SEC. 30

2/16/96 RIH W/ SUBM PUMP & TBG, RDMO, PLACED ON PUMP
6/18-6/21/96. MIRUSU. TOOH W/ PROD EQUIP. TIH W/ PKR & SET @ 5398'. ACIDIZED W/ 85,000 GALS OF 20% HCL.
6/22-7/08/96. TOOH W/ TBG AND PKR. TIH W/ SUB PUMP & TBG, SET PUMP @ 5289'. PUT ON PRODUCTION

14. I hereby certify that the foregoing is true and correct
SIGNATURE Rached Hindi TITLE Senior Engineer DATE 3/3/98
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

7/17/97

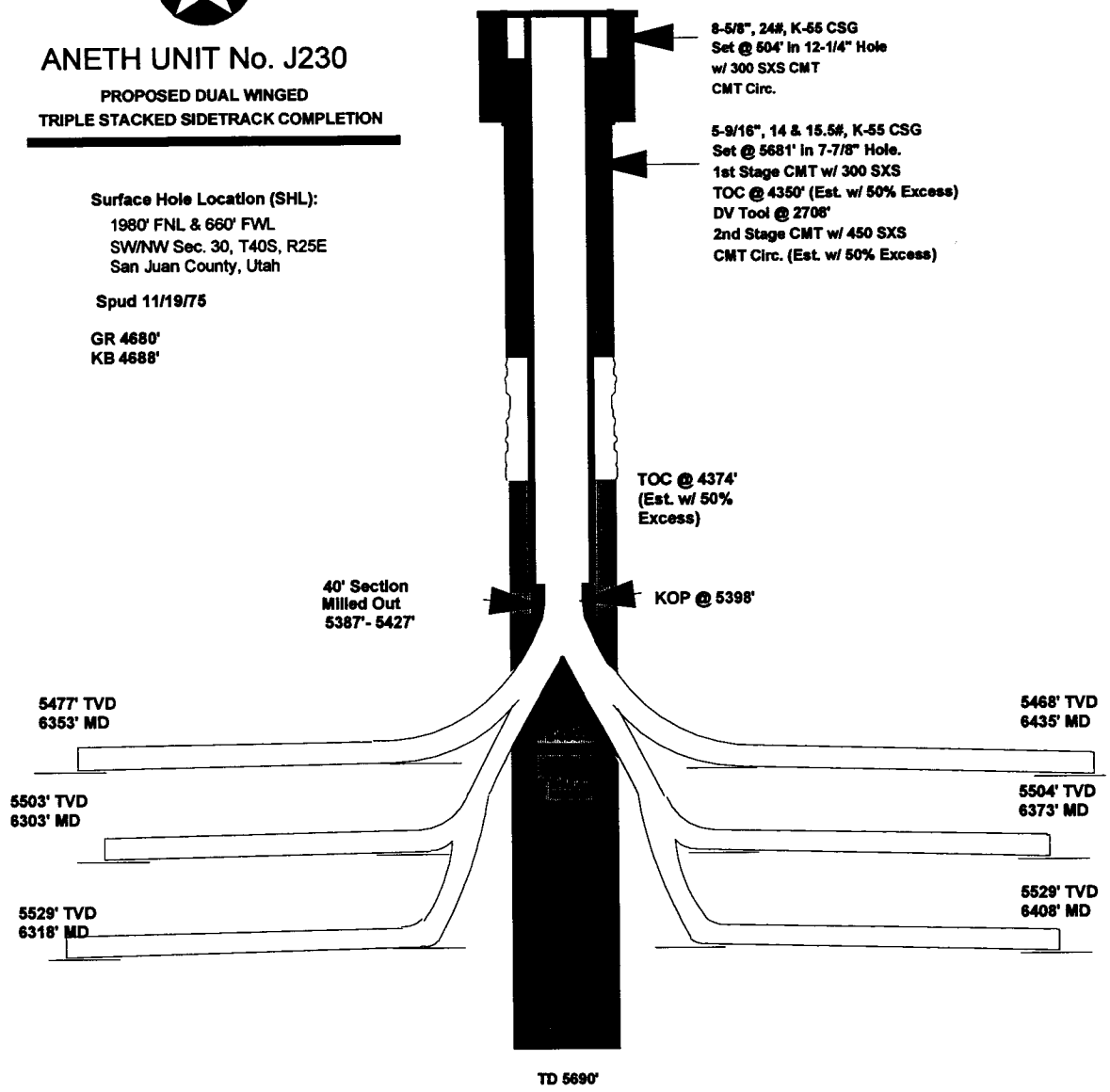
ANETH UNIT No. J230

PROPOSED DUAL WINGED
TRIPLE STACKED SIDETRACK COMPLETION

Surface Hole Location (SHL):
1980' FNL & 660' FWL
SW/NW Sec. 30, T40S, R25E
San Juan County, Utah

Spud 11/19/75

GR 4680'
KB 4688'



TOP NW LATERAL (LEG #4)
930' Horizontal Section
BHL is 1324' FNL & 1' FWL of Sec. 30

MID NW LATERAL (LEG #5)
861' Horizontal Section
BHL is 1371' FNL & 51' FWL of Sec. 30

BOTTOM NW LATERAL (LEG #6)
890' Horizontal Section
BHL is 1349' FNL & 32' FWL of Sec. 30

TOP SE LATERAL (LEG #1)
933' Horizontal Section
BHL is 2640' FNL & 1319' FWL of Sec. 30

MID SE LATERAL (LEG #2)
860' Horizontal Section
BHL is 2588' FNL & 1269' FWL of Sec. 30

BOTTOM SE LATERAL (LEG #3)
890' Horizontal Section
BHL is 2611' FNL & 1287' of Sec. 30

Chevron

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

April 9, 2002

RECEIVED
APR 12 2002
DIVISION OF
OIL, GAS AND MINING

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

Dear Mr. Baza:

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

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

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

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

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

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

Respectfully submitted,

Don R. Sellars

Don R. Sellars
Sr. Environmental Specialist

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

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

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	11	400S	230E	4303716037	MESA 2 (ANTH D311)	1	S	OW
N5700	12	400S	230E	4303715822	BURTON 14-12 (A412)	1	P	OW
N5700	12	400S	230E	4303715829	BURTON 34-12 (C412)	1	P	OW
N5700	12	400S	230E	4303715831	BURTON 43-12 (D312)	1	P	OW
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	12	400S	230E	4303731537	ANETH B412	1	S	OW
N5700	13	400S	230E	4303715821	BURTON 12-13 (A213)	1	P	OW
N5700	13	400S	230E	4303715823	BURTON 14-13 (A413)	1	P	OW
N5700	13	400S	230E	4303715824	BURTON 21-13 (B113)	1	S	OW
N5700	13	400S	230E	4303715825	BURTON 22-13 (ANETH B-213)	1	A	WI
N5700	13	400S	230E	4303715826	ANETH UNIT B313	1	P	OW
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	4303730162	ANETH U D313	1	S	OW
N5700	13	400S	230E	4303730173	ANETH U C213	1	P	OW
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	4303730298	ANETH U C413	1	P	OW
N5700	13	400S	230E	4303730299	ANETH UNIT A-313	1	A	WI
N5700	13	400S	230E	4303731076	ANETH UNIT C313SE	1	S	OW
N5700	13	400S	230E	4303731382	ANETH UNIT D-113SE	2	P	OW
N5700	13	400S	230E	4303731383	ANETH UNIT D213SE	1	P	OW
N5700	14	400S	230E	4303716030	ARROWHEAD 7 (A214)	1	P	OW
N5700	14	400S	230E	4303716031	ARROWHEAD 8 (A414)	1	S	OW

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
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	14	400S	230E	4303730634	ANETH U A114	1	S	OW
N5700	14	400S	230E	4303730635	ANETH U B214	1	P	OW
N5700	14	400S	230E	4303730636	ANETH U C114	1	S	OW
N5700	14	400S	230E	4303730637	ANETH U C314	1	P	OW
N5700	14	400S	230E	4303730638	ANETH U D214	1	P	OW
N5700	14	400S	230E	4303730639	ANETH U D414	1	S	OW
N5700	23	400S	230E	4303716036	AW RICE 1 (D123)	1	P	OW
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	4303715701	FED B-1 (D124)	1	P	OW
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
N5700	07	400S	240E	4303730115	ANETH U F307	1	P	OW
N5700	07	400S	240E	4303730122	ANETH U H307	2	P	OW
N5700	07	400S	240E	4303730151	ANETH U G407	1	P	OW
N5700	07	400S	240E	4303730175	ANETH U E407	1	A	WI
N5700	07	400S	240E	4303731386	ANETH UNIT E407SW	1	P	OW
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

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
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	08	400S	240E	4303730152	ANETH U G408	2	P	OW
N5700	08	400S	240E	4303730159	ANETH U E408	2	P	OW
N5700	08	400S	240E	4303730176	ANETH U F308	2	P	OW
N5700	08	400S	240E	4303730177	ANETH U H308	2	P	OW
N5700	08	400S	240E	4303730178	ANETH U G208	2	P	OW
N5700	09	400S	240E	4303716057	NAV TRB E-18 (E209)	2	P	OW
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	09	400S	240E	4303716102	NAV TRB E-3 (G309)	2	P	OW
N5700	09	400S	240E	4303716324	ANETH H 409	2	P	OW
N5700	09	400S	240E	4303730189	ANETH U E409	2	P	OW
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	11	400S	240E	4303730217	ANETH UNIT F411	2	P	OW
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	13	400S	240E	4303730200	ANETH U E313	2	P	OW
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	4303730093	ANETH UNIT E114	2	P	OW
N5700	14	400S	240E	4303730123	ANETH UNIT H414 (MULTI-LEG)	2	P	OW

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	14	400S	240E	4303730218	ANETH UNIT G114	2	P	OW
N5700	14	400S	240E	4303730230	ANETH UNIT G314	2	P	OW
N5700	14	400S	240E	4303730250	ANETH U F214	2	P	OW
N5700	14	400S	240E	4303730266	ANETH UNIT E314	2	P	OW
N5700	14	400S	240E	4303730274	ANETH UNIT F414	2	P	OW
N5700	14	400S	240E	4303731381	ANETH UNIT H314X	2	I	WI
N5700	14	400S	240E	4303731684	ANETH UNIT F214SE	2	P	OW
N5700	15	400S	240E	4303716058	NAV TRB E-2 (E215)	2	P	OW
N5700	15	400S	240E	4303716073	NAV TRB E-6 (E415)	2	P	OW
N5700	15	400S	240E	4303716074	NAV TRB E-12 (F115)	2	S	OW
N5700	15	400S	240E	4303716088	NAVAJO TRIBAL E-9 (ANETH G115)	2	P	OW
N5700	15	400S	240E	4303716116	ANETH G-415	2	A	WI
N5700	15	400S	240E	4303716126	NAV TRB E-1 (H415)	2	P	OW
N5700	15	400S	240E	4303716296	NAVAJO TRIBAL E-8 (ANETH F-315)	2	A	WI
N5700	15	400S	240E	4303730066	ANETH U G215	2	S	OW
N5700	15	400S	240E	4303730213	ANETH E-315	2	A	WI
N5700	15	400S	240E	4303730312	ANETH H-315	2	A	WI
N5700	15	400S	240E	4303731396	ANETH UNIT E115	2	P	OW
N5700	15	400S	240E	4303731397	ANETH UNIT F215	2	P	OW
N5700	15	400S	240E	4303731398	ANETH UNIT F415	2	P	OW
N5700	15	400S	240E	4303731408	ANETH UNIT G315X	2	P	OW
N5700	16	400S	240E	4303715832	STATE THREE 11-16 (ANETH E-116)	3	A	WI
N5700	16	400S	240E	4303715833	ST THREE 12-16(E216)	3	P	OW
N5700	16	400S	240E	4303715834	ST THREE 14-16(E416)	3	P	OW
N5700	16	400S	240E	4303715835	ST THREE 32-16(G216)	3	P	OW
N5700	16	400S	240E	4303715836	ST THREE 34-16(G416)	3	P	OW
N5700	16	400S	240E	4303715837	ST THREE 43-16(H316)	3	P	OW
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
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

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	16	400S	240E	4303730107	ANETH G-316	3	A	WI
N5700	16	400S	240E	4303730212	ANETH U F216	3	P	OW
N5700	16	400S	240E	4303730333	ANETH F-416	3	A	WI
N5700	16	400S	240E	4303730344	ANETH G-116	3	A	WI
N5700	16	400S	240E	4303731409	ANETH UNIT H116	3	P	OW
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	17	400S	240E	4303730134	ANETH U E417	2	P	OW
N5700	17	400S	240E	4303730139	ANETH U F317	2	P	OW
N5700	17	400S	240E	4303730142	ANETH U E217	2	P	OW
N5700	17	400S	240E	4303730144	ANETH U G417	2	P	OW
N5700	17	400S	240E	4303730153	ANETH U H117	2	P	OW
N5700	17	400S	240E	4303730160	ANETH U F117	2	P	OW
N5700	17	400S	240E	4303730166	ANETH U G217	2	P	OW
N5700	17	400S	240E	4303730196	ANETH U H317	2	P	OW
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	4303730131	ANETH U G218	2	P	OW
N5700	18	400S	240E	4303730132	ANETH U G418	2	P	OW
N5700	18	400S	240E	4303730136	ANETH U H318	2	P	OW

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	18	400S	240E	4303730137	ANETH U E218	1	A	WI
N5700	18	400S	240E	4303730155	ANETH U F118	1	A	WI
N5700	18	400S	240E	4303730157	ANETH U H118	2	P	OW
N5700	18	400S	240E	4303730165	ANETH U E418	1	P	OW
N5700	18	400S	240E	4303730169	ANETH U F318	2	P	OW
N5700	18	400S	240E	4303731077	ANETH UNIT E118SE	1	P	OW
N5700	18	400S	240E	4303731385	ANETH UNIT E218SE	1	P	OW
N5700	18	400S	240E	4303731534	ANETH E407SE	1	P	OW
N5700	19	400S	240E	4303716077	NAVAJO TRIBE D-26 (ANETH F-219)	2	A	WI
N5700	19	400S	240E	4303716081	NAV TRB D-29(F319)	2	P	OW
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	19	400S	240E	4303730133	ANETH U H119	2	P	OW
N5700	19	400S	240E	4303730167	ANETH U G219	2	P	OW
N5700	19	400S	240E	4303730168	ANETH U H319	2	P	OW
N5700	19	400S	240E	4303730197	ANETH U F119	2	P	OW
N5700	20	400S	240E	4303716050	NAVAJO TRIBE D-10 (ANETH E-120)	2	A	WI
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	20	400S	240E	4303730135	ANETH U F120	2	P	OW
N5700	20	400S	240E	4303730150	ANETH U E220	2	P	OW
N5700	20	400S	240E	4303730154	ANETH U H320	2	P	OW
N5700	20	400S	240E	4303730156	ANETH U G220	2	P	OW
N5700	20	400S	240E	4303730164	ANETH U F320	2	P	OW

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Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	20	400S	240E	4303730228	ANETH U G420	2	P	OW
N5700	20	400S	240E	4303730404	ANETH U H120X	2	P	OW
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	4303730117	ANETH U F121	2	P	OW
N5700	21	400S	240E	4303730181	ANETH U E221	2	P	OW
N5700	21	400S	240E	4303730183	ANETH U H121	2	P	OW
N5700	21	400S	240E	4303730185	ANETH U F321	2	P	OW
N5700	21	400S	240E	4303730188	ANETH U E421	2	P	OW
N5700	21	400S	240E	4303730214	ANETH U G421	2	P	OW
N5700	21	400S	240E	4303730216	ANETH U H321	2	P	OW
N5700	21	400S	240E	4303730335	ANETH G-121X	2	A	WI
N5700	21	400S	240E	4303730516	ANETH U G221X	2	P	OW
N5700	21	400S	240E	4303731078	ANETH UNIT E121SE	2	P	OW
N5700	22	400S	240E	4303716059	NAV TRB D-9 (E222)	2	P	OW
N5700	22	400S	240E	4303716067	NAVAJO TRIBE D-19 (ANETH E-322)	2	A	WI
N5700	22	400S	240E	4303716075	NAV TRB D-11 (F122)	2	P	OW
N5700	22	400S	240E	4303716085	NAVAJO TRIBE D-23 (ANETH F-422)	2	A	WI
N5700	22	400S	240E	4303716099	NAV TRB D-1 (G222)	2	P	OW
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	4303730345	ANETH U F322	2	P	OW
N5700	22	400S	240E	4303730346	ANETH U E422	2	P	OW
N5700	22	400S	240E	4303730373	ANETH F-222	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.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	22	400S	240E	4303730375	ANETH U G422	2	P	OW
N5700	22	400S	240E	4303730407	ANETH U H322	2	P	OW
N5700	22	400S	240E	4303730425	ANETH G-122	2	A	WI
N5700	23	400S	240E	4303716052	NAV TRB C-2 (E123)	2	P	OW
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	4303730219	ANETH U E223	2	P	OW
N5700	23	400S	240E	4303730223	ANETH U H123	2	P	OW
N5700	23	400S	240E	4303730226	ANETH U G223	2	P	OW
N5700	23	400S	240E	4303730234	ANETH U F323	2	P	OW
N5700	23	400S	240E	4303730235	ANETH F-123	2	A	WI
N5700	23	400S	240E	4303730311	ANETH UNIT G423 (MULTI-LEG)	2	P	OW
N5700	23	400S	240E	4303730316	ANETH U H323	2	P	OW
N5700	23	400S	240E	4303730370	ANETH U E423	2	P	OW
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	24	400S	240E	4303730231	ANETH U E224	2	P	OW
N5700	24	400S	240E	4303730334	ANETH U G424	2	P	OW
N5700	24	400S	240E	4303730349	ANETH U F324	2	P	OW
N5700	24	400S	240E	4303730350	ANETH U E424	2	P	OW
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

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.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	25	400S	240E	4303716301	NAVAJO TRIBE C-32 (ANETH F-425)	2	A	WI
N5700	25	400S	240E	4303730221	ANETH U F125	2	P	OW
N5700	25	400S	240E	4303730222	ANETH U G225	2	P	OW
N5700	25	400S	240E	4303730233	ANETH U E225	2	P	OW
N5700	25	400S	240E	4303730237	ANETH UNIT F325	2	P	OW
N5700	25	400S	240E	4303730238	ANETH U G425	2	P	OW
N5700	25	400S	240E	4303730239	ANETH UNIT H325	2	P	OW
N5700	25	400S	240E	4303730308	ANETH U H125	2	P	OW
N5700	25	400S	240E	4303730343	ANETH UNIT E425	2	P	OW
N5700	25	400S	240E	4303730374	ANETH U G325X	2	P	OW
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	4303730220	ANETH U E426	2	P	OW
N5700	26	400S	240E	4303730232	ANETH U F326	2	P	OW
N5700	26	400S	240E	4303730236	ANETH U G426	2	P	OW
N5700	26	400S	240E	4303730310	ANETH UNIT F126	2	P	OW
N5700	26	400S	240E	4303730348	ANETH U H126	2	P	OW
N5700	26	400S	240E	4303730368	ANETH U H326	2	P	OW
N5700	26	400S	240E	4303730369	ANETH U G226	2	P	OW
N5700	26	400S	240E	4303730371	ANETH U E226	2	P	OW
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	4303716226	ANETH A 27-03 (G327)	2	P	OW
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

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.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	27	400S	240E	4303730643	ANETH U H127	2	P	OW
N5700	27	400S	240E	4303730718	ANETH U F127	2	P	OW
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	28	400S	240E	4303730644	ANETH U H128	2	S	OW
N5700	28	400S	240E	4303730728	ANETH U F128	2	P	OW
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	4303716114	NAV TRB AB-1 (G329)	2	P	OW
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
N5700	29	400S	240E	4303730187	ANETH U F129	2	P	OW
N5700	29	400S	240E	4303731529	ANETH H129	2	P	OW
N5700	33	400S	240E	4303716229	ANETH 33-D4 (H433)	2	P	OW
N5700	34	400S	240E	4303716225	ANETH 34-C1 (G134)	2	P	OW
N5700	34	400S	240E	4303716227	ANETH 34-C3 (G334)	2	P	OW
N5700	34	400S	240E	4303716230	ANETH 34-D4 (H434)	2	S	OW
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	4303716056	NAVAJO TRIBE Q-3 (E135)	2	P	OW
N5700	35	400S	240E	4303716072	NAVAJO TRIBE Q-2 (E335)	2	P	OW
N5700	35	400S	240E	4303716115	NAV TRB Q-6 (G335)	2	P	OW
N5700	35	400S	240E	4303716130	NAVAJO TRIBE Q-7 (H435)	2	P	OW
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	35	400S	240E	4303730412	ANETH U H335	2	P	OW
N5700	35	400S	240E	4303731531	ANETH H135	2	P	OW
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

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.

Account Number	Section	Township	Range	API Number	Well Name	Lease Type	Well Status Main	Well Type Main
N5700	36	400S	240E	4303716294	NAVAJO 3 (ANETH F-236)	2	A	WI
N5700	36	400S	240E	4303730227	ANETH U H136	2	P	OW
N5700	36	400S	240E	4303730409	ANETH U F136	2	P	OW
N5700	36	400S	240E	4303730410	ANETH U G236	2	P	OW
N5700	36	400S	240E	4303730716	ANETH U E236	2	P	OW
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	29	400S	250E	4303730645	ANETH U J229	2	S	OW
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	4303716138	NAV TRB F-12 (L130)	2	P	OW
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	30	400S	250E	4303730224	ANETH U K330	2	P	OW
N5700	30	400S	250E	4303730225	ANETH U M330	2	P	OW
N5700	30	400S	250E	4303730240	ANETH UNIT J230	2	P	OW
N5700	30	400S	250E	4303730241	ANETH U L230	2	P	OW
N5700	30	400S	250E	4303730243	ANETH U J430	2	P	OW
N5700	30	400S	250E	4303730646	ANETH U K130	2	P	OW
N5700	30	400S	250E	4303730648	ANETH U L430	2	P	OW
N5700	30	400S	250E	4303730649	ANETH U M130	2	P	OW
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
N5700	31	400S	250E	4303730413	ANETH U J231	2	P	OW
N5700	31	400S	250E	4303730647	ANETH U K131	2	P	OW

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached List of Wells

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: BLM & State of Utah

7. UNIT or CA AGREEMENT NAME: Orangeville & Huntington

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Operator Name Change

8. WELL NAME and NUMBER: See Attached List of Wells

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

9. API NUMBER:

3. ADDRESS OF OPERATOR: P.O. Box 36366 CITY Houston STATE TX ZIP 77236

PHONE NUMBER: (281) 561-3443

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attached List of Wells

COUNTY: Emery

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

STATE: UTAH

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

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

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

Effective May 1, 2002, Chevron U.S.A. Inc. is the new operator of the attached list of subject wells and leases that were previously operated by Texaco Exploration and Production Inc. The subject wells are located North of Orangeville and North of Huntington, Emery County, Utah. These Wells will be protected by the following surety bonds:

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

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

Key Contacts:

Ron Wirth - Operations Supervisor - 435 748-5395 x1
Texaco Exploration & Production Inc.

J. S. Purdy, Attorney-In-Fact

RECEIVED
MAY 06 2002
DIVISION OF
OIL, GAS AND MINING

NAME (PLEASE PRINT) Allen S. Robinson TITLE Attorney-In-Fact

SIGNATURE DATE April 30, 2002

(This space for State use only)

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

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/cab

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
NAVAJO TRIBE Q-2 (E335)	35-40S-24E	43-037-16072	7000	INDIAN	OW	S
NAV TRB Q-6 (G335)	35-40S-24E	43-037-16115	7000	INDIAN	OW	P
NAVAJO TRIBE Q-7 (H435)	35-40S-24E	43-037-16130	7000	INDIAN	OW	P
ANETH U H335	35-40S-24E	43-037-30412	7000	INDIAN	OW	P
ANETH U H135	35-40S-24E	43-037-31531	7000	INDIAN	OW	P
ANETH U H136	36-40S-24E	43-037-30227	7000	INDIAN	OW	P
ANETH U F136	36-40S-24E	43-037-30409	7000	INDIAN	OW	P
ANETH U G236	36-40S-24E	43-037-30410	7000	INDIAN	OW	P
ANETH U E236	36-40S-24E	43-037-30716	7000	INDIAN	OW	P
ANETH U J229	29-40S-25E	43-037-30645	7000	INDIAN	OW	S
ANETH U K330	30-40S-25E	43-037-30224	7000	INDIAN	OW	P
ANETH U M330	30-40S-25E	43-037-30225	7000	INDIAN	OW	P
ANETH UNIT J230	30-40S-25E	43-037-30240	7000	INDIAN	OW	P
ANETH U L230	30-40S-25E	43-037-30241	7000	INDIAN	OW	P
ANETH U J430	30-40S-25E	43-037-30243	7000	INDIAN	OW	P
ANETH U K130	30-40S-25E	43-037-30646	7000	INDIAN	OW	P
ANETH U L430	30-40S-25E	43-037-30648	7000	INDIAN	OW	P
ANETH U M130	30-40S-25E	43-037-30649	7000	INDIAN	OW	P
NAV TRB F-12 (L130)	30-40S-25E	43-037-16138	7000	INDIAN	OW	P
ANETH U J231	31-40S-25E	43-037-30413	7000	INDIAN	OW	S
ANETH U K131	31-40S-25E	43-037-30647	7000	INDIAN	OW	P

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: N/A

DATA ENTRY:

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

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: U8975810026

FEE WELL(S) BOND VERIFICATION:

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

LEASE INTEREST OWNER NOTIFICATION:

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. LEASE DESIGNATION AND SERIAL NUMBER: See Attachment

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT or CA AGREEMENT NAME: Aneth Unit

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

8. WELL NAME and NUMBER: See Attachment

2. NAME OF OPERATOR: Resolute Natural Resources Company N2700

9. API NUMBER: See Attach

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

PHONE NUMBER: (303) 534-4600

10. FIELD AND POOL, OR WILDCAT: Desert Creek

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See Attachment

COUNTY: San Juan

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

STATE: UTAH

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

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

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

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

NAME (PLEASE PRINT) Janet Pasque TITLE Vice President

SIGNATURE Janet Pasque DATE 11/30/04

(This space for state use only)

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

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT or CA AGREEMENT NAME: Aneth Unit

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

8. WELL NAME and NUMBER: See attached exhibit.

2. NAME OF OPERATOR: Resolute Natural Resources Company

9. API NUMBER: See attached exhibit.

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

PHONE NUMBER: (303) 534-4600

10. FIELD AND POOL, OR WILDCAT: Aneth

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: San Juan

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

STATE: UTAH

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

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

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

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

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

NAME (PLEASE PRINT) Chevron U.S.A. Inc. N0210 TITLE A. E. Wacker, Attorney-in-Fact

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

(This space for State use only)

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

D124	4303715701	SI Producer	NE	NE	24	T40S	R23E	520' FNL / 660' FEL	SL-0701010-C	See Attached SI and TA Well Status Spreadsheet
A213	4303715821	Producer	SW	NW	13	T40S	R23E	3287' FSL / 4631' FEL	SL-070968-A	
A412	4303715822	SI Producer	SW	SW	12	T40S	R23E	659' FSL / 4474' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
A413	4303715823	Producer	SW	SW	13	T40S	R23E	657' FSL / 4631' FEL	SL-070968-A	
B113	4303715824	Producer	NE	NW	13	T40S	R23E	4602' FSL / 3311' FEL	SL-070968-A	
B313	4303715826	Producer	NE	SW	13	T40S	R23E	1972' FSL / 3302' FEL	SL-070968-A	
C412	4303715829	Producer	SW	SE	12	T40S	R23E	4606' FNL / 1980' FEL	SL-070968-A	
D312	4303715831	Producer	NE	SE	12	T40S	R23E	3290' FNL / 660' FEL	SL-070968-A	
E216	4303715833	Producer	SW	NW	16	T40S	R24E	2128' FNL / 662' FWL	NOG 99041323	
E416	4303715834	Producer	SW	SW	16	T40S	R24E	442' FSL / 721' FWL	NOG 99041323	
G216	4303715835	Producer	SW	NE	16	T40S	R24E	1975' FNL / 3304' FWL	NOG 99041323	
G416	4303715836	Producer	SW	SE	16	T40S	R24E	660' FSL / 1980' FEL	NOG 99041323	
H316	4303715837	Producer	NE	SE	16	T40S	R24E	1980' FSL / 662' FEL	NOG 99041323	
A214	4303716030	TA Producer	SW	NW	14	T40S	R23E	1980' FNL / 740' FWL	SL-070968	See Attached SI and TA Well Status Spreadsheet
A414	4303716031	SI Producer	SW	SW	14	40S	23E	820' FSL / 740' FWL	UTSL 070968	
D123	4303716036	Producer	NE	NE	23	T40S	R23E	660' FNL / 660' FEL	SL-0701010	
D311	4303716037	SI Producer	NE	SE	11	40S	23E	1980' FSL / 660' FEL	UTSL 070968B	
E123	4303716052	Producer	NW	NW	23	T40S	R24E	660' FNL / 660' FWL	I-149-IND-8838	
E135	4303716056	SI Producer	NW	NW	35	T40S	R24E	760 FNL / 703' FWL	14-20-603-2059	See Attached SI and TA Well Status Spreadsheet
E209	4303716057	Producer	SW	NW	9	T40S	R24E	2105' FNL / 670' FWL	I-149-IND-8834	
E215	4303716058	Producer	SW	NW	15	T40S	R24E	2109' FNL / 505' FWL	I-149-IND-8834	
E222	4303716059	Producer	SW	NW	22	T40S	R24E	1960' FNL / 770' FWL	I-149-IND-8836	
E335	4303716072	SI Producer	NW	SW	35	T40S	R24E	1900' FSL / 820' FWL	14-20-603-2059	See Attached SI and TA Well Status Spreadsheet
E415	4303716073	Producer	SW	SW	15	T40S	R24E	660' FSL / 660' FWL	I-149-IND-8834	
F122	4303716075	Producer	NE	NW	22	T40S	R24E	660' FNL / 1980' FWL	I-149-IND-8836	
F319	4303716081	Producer	NE	SW	19	T40S	R24E	1940' FSL / 2055' FWL	I-149-IND-8836	
G115	4303716088	Producer	NW	NE	15	T40S	R24E	660' FNL / 1980' FEL	I-149-IND-8834	
G222	4303716099	Producer	SW	NE	22	T40S	R24E	1890' FNL / 2140' FEL	I-149-IND-8836	
G309	4303716102	Producer	NW	SE	9	T40S	R24E	2080' FSL / 1990' FEL	I-149-IND-8834	
G329	4303716114	Producer	NW	SE	29	T40S	R24E	2045' FSL / 2125' FEL	14-20-603-5043	
G335	4303716115	Producer	NW	SE	35	T40S	R24E	1830' FSL / 1820' FEL	14-20-603-2059	
H415	4303716126	Producer	SE	SE	15	T40S	R24E	815' FSL / 812' FEL	I-149-IND-8834	
H435	4303716130	Producer	SE	SE	35	T40S	R24E	510' FSL / 725' FEL	14-20-603-2059	
L130	4303716138	Producer	NW	NE	30	T40S	R25E	745' FNL / 1900' FEL	I-149-IND-8839	
G134	4303716225	Producer	NW	NE	34	T40S	R24E	540' FNL / 2000' FEL	14-20-603-2056	S
G327	4303716226	Producer	NW	SE	27	T40S	R24E	2075' FSL / 1800' FEL	14-20-603-2056	
G334	4303716227	SI Producer	NW	SE	34	T40S	R24E	1980' FSL / 2130' FEL	14-20-603-2056	See Attached SI and TA Well Status Spreadsheet
H433	4303716229	SI Producer	SE	SE	33	T40S	R24E	745' FSL / 605' FEL	14-20-603-2056	See Attached SI and TA Well Status Spreadsheet
H434	4303716230	SI Producer	SE	SE	34	T40S	R24E	700' FSL / 500' FEL	14-20-603-2056	See Attached SI and TA Well Status Spreadsheet
H114	4303716310	Producer	NE	NE	14	T40S	R24E	730' FNL / 690' FEL	I-149-IND-8839	
H409	4303716324	Producer	SE	SE	9	T40S	R24E	660' FSL / 660' FEL	I-149-IND-8834	
G215	4303730066	SI Producer	SW	NE	15	T40S	R24E	2415' FNL / 1850' FEL	I-149-IND-8834	See Attached SI and TA Well Status Spreadsheet
E114	4303730093	Producer	NW	NW	14	T40S	R24E	500' FNL / 100' FWL	I-149-IND-8837	
F307	4303730115	SI Producer	NE	SW	7	T40S	R24E	2290' FSL / 1860' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
F121	4303730117	Producer	NE	NW	21	T40S	R24E	50' FNL / 2150' FWL	I-149-IND-8836	
H307	4303730122	TA Producer	NE	SE	7	T40S	R24E	2120' FSL / 980' FEL	I-149-IND-8835	See Attached SI and TA Well Status Spreadsheet

H414	4303730123	Producer	SE	SE	14	40S	24E	300' FSL / 500' FEL	I-149-IND-8839	
G218	4303730131	Producer	SW	NE	18	T40S	R24E	1870' FNL / 2050' FEL	I-149-IND-8835	
G418	4303730132	Producer	SW	SE	18	T40S	R24E	760' FSL / 1950' FEL	I-149-IND-8835	
H119	4303730133	Producer	NE	NE	19	T40S	R24E	695' FNL / 570' FEL	I-149-IND-8836	
E417	4303730134	Producer	SW	SW	17	T40S	R24E	710' FSL / 630' FWL	I-149-IND-8835	
F120	4303730135	Producer	NE	NW	20	T40S	R24E	710' FNL / 1980' FWL	I-149-IND-8836	
H318	4303730136	Producer	NE	SE	18	T40S	R24E	1980' FSL / 610' FEL	I-149-IND-8835	
F317	4303730139	Producer	NE	SW	17	T40S	R24E	1980' FSL / 2140' FWL	I-149-IND-8835	
E217	4303730142	Producer	SW	NW	17	T40S	R24E	1980' FNL / 550' FWL	I-149-IND-8835	
G417	4303730144	Producer	SW	SE	17	T40S	R24E	660' FSL / 1980' FEL	I-149-IND-8835	
E220	4303730150	Producer	SW	NW	20	T40S	R24E	1956' FNL / 584' FWL	I-149-IND-8836	
G407	4303730151	Producer	SW	SE	7	T40S	R24E	650' FSL / 1960' FEL	SL-067807	
G408	4303730152	Producer	SW	SE	8	T40S	R24E	774' FSL / 1991' FEL	I-149-IND-8834	
H117	4303730153	Producer	NE	NE	17	T40S	R24E	866' FNL / 785' FEL	I-149-IND-8833	
H320	4303730154	Producer	NE	SE	20	T40S	R24E	2036 FSL / 650' FEL	I-149-IND-8836	
G220	4303730156	Producer	SW	NE	20	T40S	R24E	1860' FNL / 2086' FEL	I-149-IND-8833	
H118	4303730157	Producer	NE	NE	18	T40S	R24E	626' FNL / 650' FEL	I-149-IND-8835	
E408	4303730159	TA Producer	SW	SW	8	T40S	R24E	650' FSL / 626' FWL	I-149-IND-8833	See Attached SI and TA Well Status Spreadsheet
F117	4303730160	SI Producer	NE	NW	17	T40S	R24E	522' FNL / 1956' FWL	I-149-IND-8835	See Attached SI and TA Well Status Spreadsheet
D313	4303730162	TA Producer	NE	SE	13	T40S	R23E	1987' FSL / 782' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
F320	4303730164	Producer	NE	SW	20	T40S	R24E	2130' FSL / 1950' FWL	I-149-IND-8836	
E418	4303730165	Producer	SW	SW	18	T40S	R24E	978' FSL / 216' FWL	SL-067807	
G217	4303730166	TA Producer	SW	NE	17	T40S	R24E	2170' FNL / 1860' FEL	I-149-IND-8835	See Attached SI and TA Well Status Spreadsheet
G219	4303730167	Producer	SW	NE	19	T40S	R24E	1989' FNL / 1923' FEL	I-149-IND-8836	
H319	4303730168	Producer	NE	SE	19	T40S	R24E	2086' FSL / 593' FEL	I-149-IND-8836	
F318	4303730169	Producer	NE	SW	18	T40S	R24E	1578' FSL / 1773' FWL	I-149-IND-8835	
C213	4303730173	Producer	SW	NE	13	T40S	R23E	1898' FNL / 1815' FEL	SL-070968-A	
F308	4303730176	Producer	NE	SW	8	T40S	R24E	1880' FSL / 1980' FWL	I-149-IND-8833	
H308	4303730177	TA Producer	NE	SE	8	T40S	R24E	1890' FSL / 660' FEL	I-149-IND-8834	See Attached SI and TA Well Status Spreadsheet
G208	4303730178	TA Producer	SW	NE	8	T40S	R24E	1939' FNL / 1939' FEL	I-149-IND-8833	See Attached SI and TA Well Status Spreadsheet
E221	4303730181	Producer	SW	NW	21	T40S	R24E	1898' FNL / 619' FWL	I-149-IND-8836	
H121	4303730183	Producer	NE	NE	21	T40S	R24E	520' FNL / 760' FEL	I-149-IND-8836	
F321	4303730185	Producer	NE	SW	21	T40S	R24E	1980' FSL / 1720' FWL	I-149-IND-8836	
F129	4303730187	Producer	NE	NW	29	T40S	R24E	550' FNL / 1690'FWL	14-20-603-4030-A	
E421	4303730188	Producer	SW	SW	21	T40S	R24E	660' FSL / 660' FWL	I-149-IND-8836	
E409	4303730189	Producer	SW	SW	9	T40S	R24E	910' FSL / 330' FWL	I-149-IND-8834	
H317	4303730196	Producer	NE	SE	17	T40S	R24E	2230' FSL / 930' FEL	I-149-IND-8833	
F119	4303730197	TA Producer	NE	NW	19	T40S	R24E	350' FNL / 1960' FWL	I-149-IND-8836	See Attached SI and TA Well Status Spreadsheet
E313	4303730200	Producer	NW	SW	13	T40S	R24E	1815' FSL / 785' FWL	I-149-IND-8837	
F216	4303730212	TA Producer	SE	NW	16	T40S	R24E	1848 FNL / 2043' FWL	NOG 99041323	See Attached SI and TA Well Status Spreadsheet
G421	4303730214	Producer	SW	SE	21	T40S	R24E	380' FSL / 1980' FEL	I-149-IND-8836	
H321	4303730216	Producer	NE	SE	21	T40S	R24E	2043' FSL / 591' FEL	I-149-IND-8836	
F411	4303730217	Producer	SE	SW	11	T40S	R24E	561' FSL / 1798' FWL	I-149-IND-8837	
G114	4303730218	Producer	NW	NE	14	T40S	R24E	660' FNL / 2220' FEL	I-149-IND-8837	
E223	4303730219	Producer	SW	NW	23	T40S	R24E	2106' FNL / 660' FWL	I-149-IND-8838	
E426	4303730220	Producer	SW	SW	26	T40S	R24E	660' FSL / 660' FWL	I-149-IND-8838	

F125	4303730221	Producer	NE	NW	25	T40S	R24E	627' FNL / 1980' FWL	I-149-IND-8838	
G225	4303730222	Producer	SW	NE	25	T40S	R24E	1760' FNL / 2170' FEL	I-149-IND-8838	
H123	4303730223	Producer	NE	NE	23	T40S	R24E	660' FNL / 660' FEL	I-149-IND-8838	
K330	4303730224	Producer	NE	SW	30	T40S	R25E	2020' FSL / 2010' FWL	I-149-IND-8839	
M330	4303730225	Producer	NE	SE	30	T40S	R25E	2046' FSL / 726' FEL	I-149-IND-8839	
G223	4303730226	Producer	SW	NE	23	T40S	R24E	2012' FNL / 1914' FEL	I-149-IND-8838	
H136	4303730227	Producer	NE	NE	36	T40S	R24E	660' FNL / 620' FEL	14-20-603-5443	
G420	4303730228	Producer	SW	SE	20	T40S	R24E	770' FSL / 1900' FEL	I-149-IND-8836	
G314	4303730230	Producer	NW	SE	14	T40S	R24E	1940' FSL / 2020' FEL	I-149-IND-8837	
E224	4303730231	Producer	SW	NW	24	T40S	R24E	1850' FNL / 660' FWL	I-149-IND-8838	
F326	4303730232	Producer	NE	SW	26	T40S	R24E	1914' FSL / 1914' FWL	I-149-IND-8838	
E225	4303730233	SI Producer	SW	NW	25	T40S	R24E	2079' FNL / 790' FWL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
F323	4303730234	Producer	NE	SW	23	T40S	R24E	1914' FSL / 1980' FWL	I-149-IND-8838	
G426	4303730236	Producer	SW	SE	26	T40S	R24E	610' FSL / 1980' FEL	I-149-IND-8838	
F325	4303730237	Producer	NE	SW	25	T40S	R24E	1850' FSL / 1840' FWL	I-149-IND-8838	
G425	4303730238	Producer	SW	SE	25	T40S	R24E	480' FSL / 1840' FEL	I-149-IND-8838	
H325	4303730239	Producer	NE	SE	25	T40S	R24E	1914' FSL / 660' FEL	I-149-IND-8838	
J230	4303730240	Producer	SW	NW	30	T40S	R25E	1980' FNL / 660' FWL	I-149-IND-8839 A	
L230	4303730241	Producer	SW	NE	30	T40S	R25E	1930' FNL / 1898' FEL	I-149-IND-8839	
J430	4303730243	Producer	SW	SW	30	T40S	R25E	660' FSL / 660' FWL	I-149-IND-8839	
F214	4303730250	Producer	SE	NW	14	T40S	R24E	2030' FNL / 1881' FWL	I-149-IND-8837	
E314	4303730266	Producer	NW	SW	14	T40S	R24E	1930' FSL / 660' FWL	I-149-IND-8837	
F414	4303730274	Producer	SE	SW	14	T40S	R24E	593' FSL / 1771' FWL	I-149-IND-8837	
C413	4303730298	TA Producer	SW	SE	13	T40S	R23E	810' FSL / 1980' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
H125	4303730308	Producer	NE	NE	25	T40S	R24E	660' FNL / 560' FEL	I-149-IND-8838	
F126	4303730310	Producer	NE	NW	26	T40S	R24E	560' FNL / 1940' FWL	I-149-IND-8838	
G423	4303730311	Producer	SW	SE	23	T40S	R24E	660' FSL / 1980' FEL	I-149-IND-8838	
H323	4303730316	Producer	NE	SE	23	T40S	R24E	1845' FSL / 507' FEL	I-149-IND-8838	
G424	4303730334	TA Producer	SW	SE	24	T40S	R24E	660' FSL / 1980' FEL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
E425	4303730343	Producer	SW	SW	25	T40S	R24E	760' FSL / 840' FWL	I-149-IND-8838	
F322	4303730345	Producer	NE	SW	22	T40S	R24E	2130' FSL / 1980' FWL	I-149-IND-8836	
E422	4303730346	Producer	SW	SW	22	T40S	R24E	890' FSL / 600' FWL	I-149-IND-8836	
H126	4303730348	Producer	NE	NE	26	T40S	R24E	660' FNL / 830' FEL	I-149-IND-8838	
F324	4303730349	SI Producer	NE	SW	24	T40S	R24E	1980' FSL / 2080' FWL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
E424	4303730350	TA Producer	SW	SW	24	T40S	R24E	540' FSL / 450' FWL	I-149-IND-8838	See Attached SI and TA Well Status Spreadsheet
H326	4303730368	Producer	NE	SE	26	T40S	R24E	1850' FSL / 520' FEL	I-149-IND-8838	
G226	4303730369	Producer	SW	NE	26	T40S	R24E	2080' FNL / 1950' FEL	I-149-IND-8838	
E423	4303730370	Producer	SW	SW	23	T40S	R24E	550' FSL / 580' FWL	I-149-IND-8838	
E226	4303730371	Producer	SW	NW	26	T40S	R24E	1980' FNL 660 FWL		
G325X	4303730374	Producer	NW	SE	25	T40S	R24E	1850' FSL / 1710' FEL	I-149-IND-8838	
G422	4303730375	Producer	SW	SE	22	T40S	R24E	500' FSL / 1950' FEL	I-149-IND-8836	
H120X	4303730404	Producer	NE	NE	20	T40S	R24E	280' FNL / 840' FEL	I-149-IND-8833	
H322	4303730407	Producer	NE	SE	22	T40S	R24E	2070' FSL / 770' FEL	I-149-IND-8836	
F136	4303730409	Producer	NE	NW	36	T40S	R24E	760' FNL / 2020' FWL	14-20-603-5444	
G236	4303730410	Producer	SW	NE	36	T40S	R24E	1950' FNL / 1980' FEL	14-20-603-5443	
H335	4303730412	Producer	NE	SE	35	T40S	R24E	1980' FSL / 700' FEL	14-20-603-2059	

Chevron USA to Resolute Natural Resources

J231	4303730413	SI Producer	SW	NW	31	T40S	R25E	1850' FNL / 660' FWL	14-20-603-5443	See Attached SI and TA Well Status Spreadsheet
G221X	4303730516	Producer	SW	NE	21	T40S	R24E	1940' FNL / 1930' FEL	I-149-IND-8836	
A114	4303730634	SI Producer	NW	NW	14	40S	23E	735' FNL / 718' FWL	UTSL 070968	
B214	4303730635	Producer	SE	NW	14	T40S	R23E	1910' FNL / 1950' FWL	SL-070968	
C114	4303730636	SI Producer	NW	NE	14	T40S	R23E	820' FNL / 1920' FEL	SL-070968	See Attached SI and TA Well Status Spreadsheet
C314	4303730637	Producer	NW	SE	14	T40S	R23E	2140' FSL / 1870' FEL	SL-070968	
D214	4303730638	Producer	SE	NE	14	T40S	R23E	2090' FNL / 790' FEL	SL-070968	
D414	4303730639	Producer	SE	SE	14	T40S	R23E	570' FSL / 810' FEL	SL-070968	
H127	4303730643	Producer	NE	NE	27	T40S	R24E	660' FNL / 510' FEL	14-20-603-2056	
H128	4303716224	Injector	NE	NE	28	40S	24E	810' FNL / 510' FEL	14-20-603-2056	
J229	4303730645	SI Producer	SW	NW	29	40S	25E	1980' FNL / 510' FWL	I-149-IND-8839A	
K130	4303730646	Producer	NE	NW	30	T40S	R25E	660' FNL / 2010' FWL	I-149-IND-8839	
K131	4303730647	Producer	NE	NW	31	T40S	R25E	660' FNL / 1980' FWL	14-20-603-372-A	
L430	4303730648	Producer	SW	SE	30	T40S	R25E	660' FSL / 1980' FEL	I-149-IND-8839	
M130	4303730649	Producer	NE	NE	30	T40S	R25E	510' FNL / 780' FEL	I-149-IND-8839	
E236	4303730716	Producer	SW	NW	36	T40S	R24E	1930' FNL / 630' FWL	14-20-603-5444	
F127	4303730718	Producer	NE	NW	27	T40S	R24E	620' FNL / 1910' FWL	14-20-603-2056	
F128	4303730728	Producer	NE	NW	28	T40S	R24E	660' FNL / 1910' FWL	14-20-603-2056	
C313SE	4303731076	SI Producer	C	SE	13	40S	23E	1320' FSL / 1320' FEL	UTSL 070968A	
E118SE	4303731077	TA Producer	SW	NW	18	T40S	R24E	1340' FNL / 1140' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
E121SE	4303731078	SI Producer	SW	NW	21	T40S	R24E	1400' FNL / 1320' FWL	I-149-IND-8836	See Attached SI and TA Well Status Spreadsheet
D113SE	4303731382	TA Producer	SE	NE	13	T40S	R23E	1330' FNL / 100' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
D213SE	4303731383	TA Producer	NE	SE	13	T40S	R23E	2700' FNL / 150' FEL	SL-070968-A	See Attached SI and TA Well Status Spreadsheet
E218SE	4303731385	TA Producer	NW	SW	18	T40S	R24E	2660' FNL / 1220' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
E407SW	4303731386	TA Producer	SW	SW	7	T40S	R24E	0' FSL / 70' FWL	SL-067807	See Attached SI and TA Well Status Spreadsheet
E115	4303731396	Producer	NW	NW	15	T40S	R24E	630' FNL / 660' FWL	I-149-IND-8834	
F215	4303731397	Producer	SE	NW	15	T40S	R24E	1900' FNL / 1990' FWL	I-149-IND-8834	
F415	4303731398	Producer	SE	SW	15	T40S	R24E	680' FSL / 1880' FWL	I-149-IND-8834	
G315X	4303731408	Producer	NW	SE	15	T40S	R24E	1880' FSL / 1980' FEL	I-149-IND-8834	
H116	4303731409	TA Producer	NE	NE	16	T40S	R24E	660' FNL / 900' FEL	NOG 99041323	
H129	4303731529	Producer	NE	NE	29	T40S	R24E	730' FNL / 730' FEL	14-20-603-4030	
H135	4303731531	Producer	NE	NE	35	T40S	R24E	503' FNL / 813' FEL	14-20-603-2059	
E407SE	4303731534	Producer	NE	NW	18	40S	24E	199' FNL / 1602' FWL	UTSL 067807	
B412	4303731537	TA Producer	SE	SW	12	T40S	R23E	901' FSL / 1600' FWL	SL-070968-A	
F214SE	4303731684	Producer	SE	NW	14	T40S	R24E	2580' FNL / 2350' FWL	I-149-IND-8837	

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
ANETH U F214	14	400S	240E	4303730250	7000	Indian	OW	P
ANETH UNIT E314	14	400S	240E	4303730266	7000	Indian	OW	P
ANETH UNIT F414	14	400S	240E	4303730274	7000	Indian	OW	P
ANETH U F322	22	400S	240E	4303730345	7000	Indian	OW	P
ANETH U E422	22	400S	240E	4303730346	7000	Indian	OW	P
ANETH U F323	23	400S	240E	4303730234	7000	Indian	OW	P
ANETH UNIT G423	23	400S	240E	4303730311	7000	Indian	OW	P
ANETH U H323	23	400S	240E	4303730316	7000	Indian	OW	P
ANETH U G424	24	400S	240E	4303730334	7000	Indian	OW	S
ANETH U E225	25	400S	240E	4303730233	7000	Indian	OW	S
ANETH UNIT F325	25	400S	240E	4303730237	7000	Indian	OW	P
ANETH U G425	25	400S	240E	4303730238	7000	Indian	OW	P
ANETH UNIT H325	25	400S	240E	4303730239	7000	Indian	OW	P
ANETH U H125	25	400S	240E	4303730308	7000	Indian	OW	P
ANETH UNIT E425	25	400S	240E	4303730343	7000	Indian	OW	P
ANETH U F326	26	400S	240E	4303730232	7000	Indian	OW	P
ANETH U G426	26	400S	240E	4303730236	7000	Indian	OW	P
ANETH UNIT F126	26	400S	240E	4303730310	7000	Indian	OW	P
ANETH U H126	26	400S	240E	4303730348	7000	Indian	OW	P
ANETH UNIT J230	30	400S	250E	4303730240	7000	Indian	OW	P
ANETH U L230	30	400S	250E	4303730241	7000	Indian	OW	P
ANETH U J430	30	400S	250E	4303730243	7000	Indian	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/22/2004
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 12/13/2004
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 11/22/2004
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: _____ requested

6b. Inspections of LA PA state/fee well sites complete on: 12/20/2004

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

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

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

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

DATA ENTRY:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: I-149-IND-8839A

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ANETH UNIT J230

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037302400000

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

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 40.0S Range: 25.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 10/1/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	✓ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Resolute proposes to attempt a tubing repair in the subject well by the proposed procedure attached. Also attached is the tubing landing detail, well bore schematic and submitted federal sundry. The proposed date to start the work over is October 1, 2015.

Accepted by the Utah Division of Oil, Gas and Mining

Date: September 30, 2015

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sherry Glass	303 573-4886	Sr Regulatory Analyst

SIGNATURE	DATE
N/A	9/29/2015

RECEIVED: Sep. 29, 2015

RESOLUTE
NATURAL RESOURCES

Date: 9/29/2015

AU J-230 AFE request for Tubing Repair

Recommendation

The production engineers and operations staff at the Aneth Unit recommends moving a workover rig onto AU J-230 (Waterflood Area – Multi-Lateral Producer) for a Tubing Repair. Job scope includes: clean out to KOP & inspection/replacement of production equipment. The workover is expected to restore production to 40 BOPD + 400 BWPD + 40 MCF – (recent production drop is the result of UIC's in offset injectors).

Work History

Workover Dates	Description	
11/2013	Tubing Repair	
04/2011	Tubing Repair	
03/2010	Tubing Repair	

Procedure

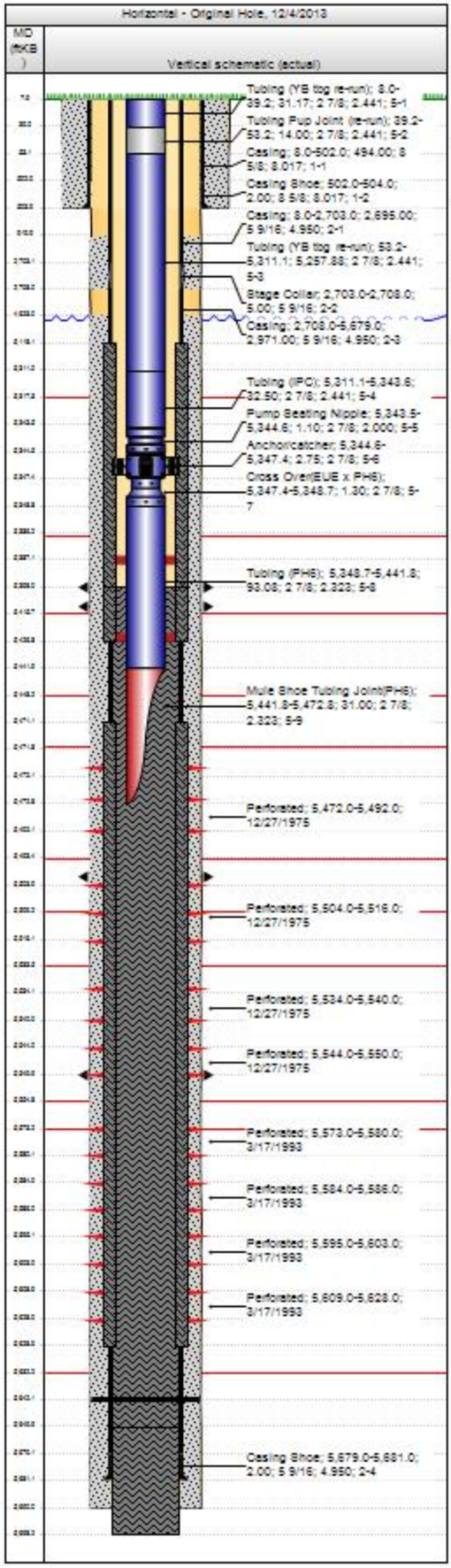
1) MIRU. Kill well as necessary. Pressure test tubing.
2) POH & SB KD63 rods & LD insert pump.
   Note: *Contact Joseph Begay / Bill Albert to visually inspect rods.*
3) NDWH. Release TAC. NUBOPE.
4) POH & SB 2-7/8" YB production tubing & LD BHA.
   Note: *Contact Joseph Begay / Bill Albert to visually inspect tubing.*
   Note: *Btm 4-jts are PH-6 – requires elevator with special slips & safety clamp.*
5) RIH with bit/scraper on production tubing.
   Note: *Milled Csg = 5387'-5426'*
   Note: *KOP = 5398'*
6) Clean out to 5387' (Top of Milled Csg). Reverse circulate clean.
7) POH & LD bit/scraper.
8) Run production equipment (Consult Artificial Lift Tech for detailed rod/pump design & setting depths for tubing and pump).
9) Hang well on, pressure test tubing & test for good pump action.
10) RDMOL
11) Notify operations.

RECEIVED: Sep. 29, 2015

Resolute

Well Name: AU J-230

API Number	Section	Qtr/Qtr	Township	Range	Block	Reg Spud Dt/Tm	Field Name	County	State/Prov	WI (%)
4303730240	30	SW NW	40S	25E			Aneth Unit	San Juan	Utah	62.39



Tubing

Tubing Description	Set Depth (ftKB)	Run Date	Pull Date
Tubing - Production	5,472.8	12/4/2013	

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing (YB tbg re-run)	2 7/8	2.441	6.50	J-55		31.17	8.0	39.2
2	Tubing Pup Joint (re-run)	2 7/8	2.441	6.50	J-55		14.00	39.2	53.2
164	Tubing (YB tbg re-run)	2 7/8	2.441	6.50	J-55		5,257.88	53.2	5,311.0
1	Tubing (IPC)	2 7/8	2.441	6.50	J-55		32.50	5,311.0	5,343.5
1	Pump Seating Nipple	2 7/8	2.000				1.10	5,343.5	5,344.7
1	Anchor/catcher	2 7/8					2.75	5,344.7	5,347.4
1	Cross Over(EUE x PH6)	2 7/8					1.30	5,347.4	5,348.7
3	Tubing (PH6)	2 7/8	2.323	7.80	PH6		93.08	5,348.7	5,441.8
1	Mule Shoe Tubing Joint (PH6)	2 7/8	2.323	7.80	PH6		31.00	5,441.8	5,472.8

Printed: 9/25/2015

Resolute

Well Name: AU J-230

API Number	Section	Qtr/Qtr	Township	Range	Block	Reg Spud Dt/Tm	Field Name	County	State/Prov	WI (%)
4303730240	30	SW NW	40S	25E			Aneth Unit	San Juan	Utah	62.39

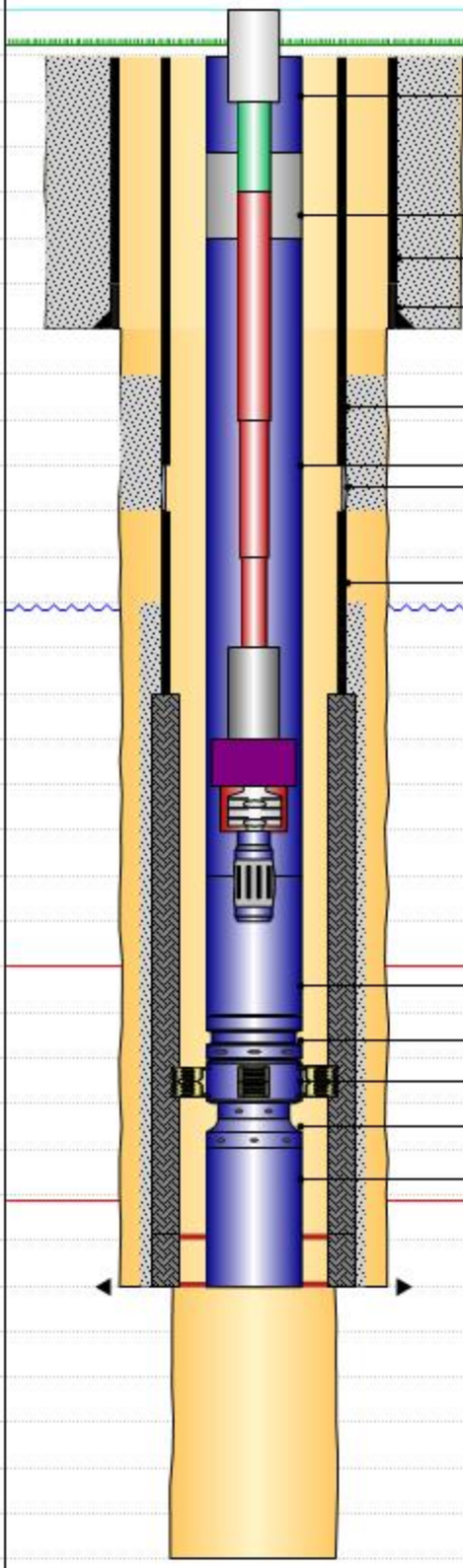
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Start Date	End Date
Workover	Tubing Repair		12/2/2013	12/6/2013

TD: 6,435.0

Horizontal - Lateral 1, 9/25/2015 8:00:46 AM

MD (ftKB)	Vertical schematic (actual)
0.0	
7.9	
25.9	Tubing (YB tbg re-run); 8.0-39.2; 31.17; 2 7/8; 2.441; 5-1
39.0	
40.0	Tubing Pup Joint (re-run); 39.2-53.2; 14.00; 2 7/8; 2.441; 5-2
53.1	Casing; 8.0-502.0; 494.00; 8 5/8; 8.017; 1-1
502.0	Casing Shoe; 502.0-504.0; 2.00; 8 5/8; 8.017; 1-2
503.9	
919.9	Casing; 8.0-2,703.0; 2,695.00; 5 9/16; 4.950; 2-1
1,565.0	
2,703.1	Tubing (YB tbg re-run); 53.2-5,311.1; 5,257.88; 2 7/8; 2.441; 5-3
2,708.0	Stage Collar; 2,703.0-2,708.0; 5.00; 5 9/16; 2-2
3,390.1	Casing; 2,708.0-5,679.0; 2,971.00; 5 9/16; 4.950; 2-3
4,623.0	
5,040.0	
5,118.1	
5,265.1	
5,273.0	
5,296.9	
5,311.0	
5,313.0	
5,317.3	Tubing (IPC); 5,311.1-5,343.6; 32.50; 2 7/8; 2.441; 5-4
5,343.5	
5,344.5	Pump Seating Nipple; 5,343.5-5,344.6; 1.10; 2 7/8; 2.000; 5-5
5,347.4	Anchor/catcher; 5,344.6-5,347.4; 2.75; 2 7/8; 5-6
5,348.8	Cross Over(EUE x PH6); 5,347.4-5,348.7; 1.30; 2 7/8; 5-7
5,386.2	Tubing (PH6); 5,348.7-5,441.8; 93.08; 2 7/8; 2.323; 5-8
5,387.1	
5,398.0	
5,426.8	
5,441.9	
5,642.1	
5,679.1	
5,690.0	
6,435.0	



Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
I149IND8839A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
UTU68927A

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
ANETH J-230

2. Name of Operator
RESOLUTE ANETH
Contact: SHERRY GLASS
E-Mail: sglass@resoluteenergy.com

9. API Well No.
43-037-30240

3a. Address
1700 LINCOLN STREET SUITE 2800
DENVER, CO 80203

3b. Phone No. (include area code)
Ph: 303-573-4886 Ext: 1580

10. Field and Pool, or Exploratory
DESERT CREEK

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 30 T40S R25E Mer NAV SWNW 1980FNL 660FWL

11. County or Parish, and State
SAN JUAN COUNTY, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other Workover Operations
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Notice of intent-tubing repair

Resolute proposes to attempt a tubing repair on the subject well. The proposed procedure, tubing landing detail and well bore schematic are attached. The proposed work should start around October 1, 2015.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #318032 verified by the BLM Well Information System For RESOLUTE ANETH, sent to the Farmington

Name *(Printed/Typed)* CRAIG WRIGHT — Title PRODUCTION ENGINEER

Signature (Electronic Submission) — Date 09/29/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

RECEIVED: Sep. 29, 2015

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: I-149-IND-8839A

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ANETH UNIT J230

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037302400000

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

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 40.0S Range: 25.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 10/5/2015
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

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

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

Resolute completed the tubing repair on the subject well by 10/5/15.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
October 22, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Sherry Glass	303 573-4886	Sr Regulatory Analyst

SIGNATURE	DATE
N/A	10/21/2015

RECEIVED: Oct. 21, 2015

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: I-149-IND-8839A

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ANETH UNIT J230

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037302400000

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

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 40.0S Range: 25.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 1/21/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pump Repair

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

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

Accepted by the Utah Division of Oil, Gas and Mining

Date: January 19, 2016

By: Dark K Quist

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

SIGNATURE	DATE
N/A	1/14/2016

RECEIVED: Jan. 14, 2016

Resolute

Natural Resources

Date: 1/14/2016
Re: AU J-230 Pump Repair

Procedure

1) MIRU. Kill well as necessary. Pressure test tubing.
2) POH & SB rods & LD insert pump.
   Note: *Contact Joseph Begay / Bill Albert to visually inspect rods & pump assembly.*
   Note: *Top hold-down pump.*
3) Pressure test tubing with SV (1000#).
4) RIH with insert pump & rods.
5) Hang well on, test for good pump action.
6) RDMOL. Apply appropriate chemical treatment.

Resolute

Well Name: AU J-230

API Number	Section	Qtr Qtr	Township	Range	Block	Rig Spud Date/Time	Field Name	County	State/Prov	KB (ft)
4303730240	30	SW NW	40S	25E			Aneth Unit	San Juan	Utah	62.39

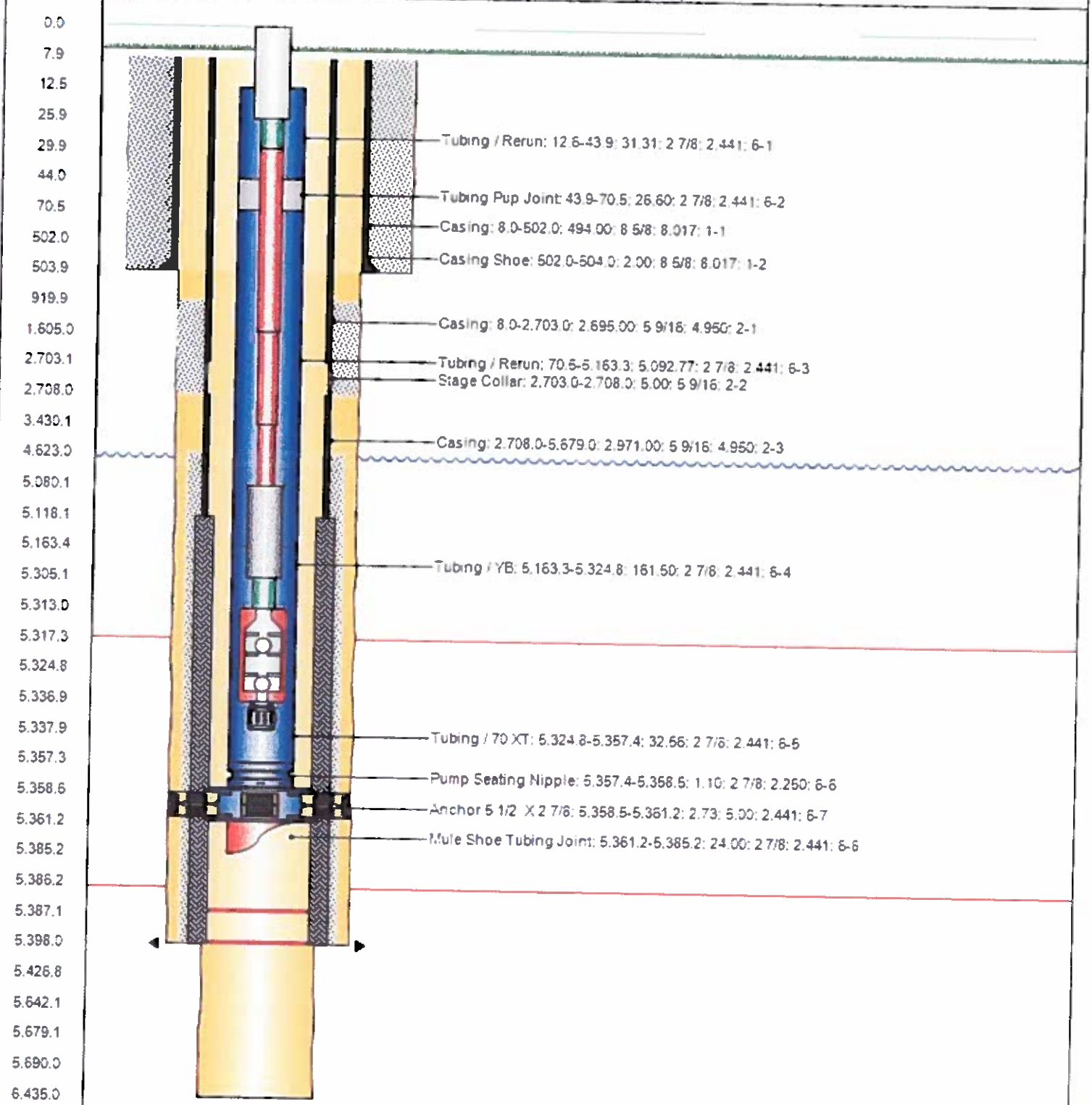
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Start Date	End Date
Workover	Tubing Repair		9/24/2015	10/5/2015

TD: 6,435.0

Horizontal - Lateral 1, 1/14/2016 9:37:13 AM

Vertical schematic (actual)

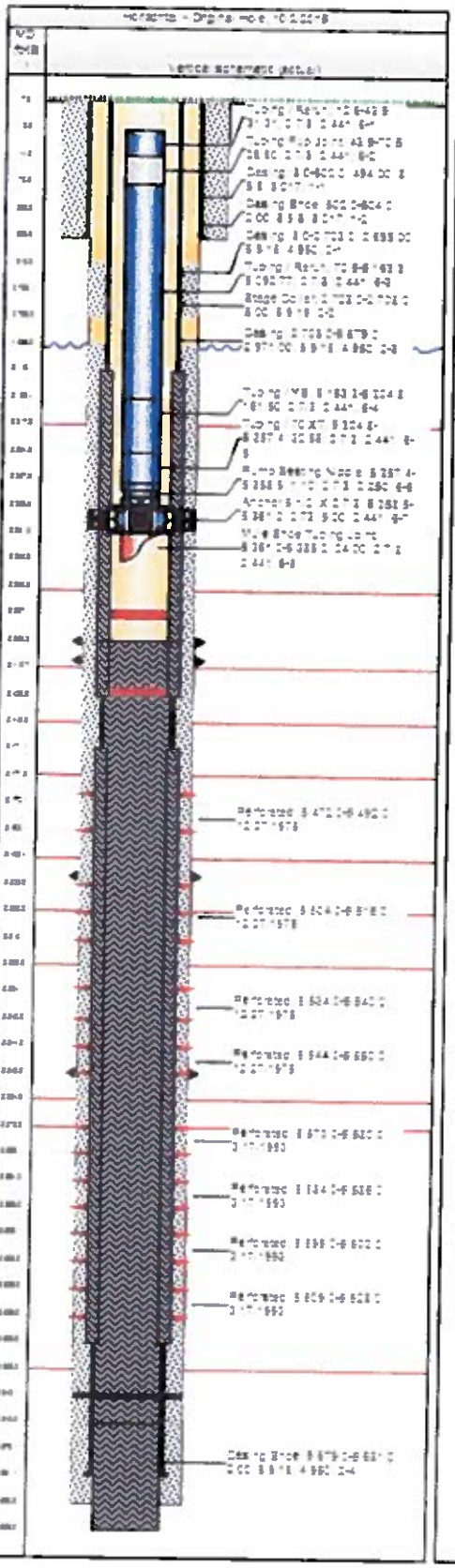


Printed: 1/14/2016

Resolute

Well Name: AU J-230

API Number	Section	Quarter	Township	Range	Block	Reg Squad District	Field Name	County	State Prov.	Well No.
4303730240	30	SW NW	40S	25E			Aneth Unit	San Juan	Utah	62.39



Tubing

Tubing Description	Set Depth (ftKB)	Run Date	Pull Date
Tubing - Production	5,385.2	10/2/2015	

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
1	Tubing / Rerun	2 7/8	2.441	6.50	J-55		31.31	12.6	43.9
3	Tubing Pup Joint	2 7/8	2.441	6.50	J-55		26.60	43.9	70.5
159	Tubing / Rerun	2 7/8	2.441	6.50	J-55		5,092.77	70.5	5,163.3
5	Tubing / YB	2 7/8	2.441	6.50	J-55		161.50	5,163.3	5,324.8
1	Tubing / 70 XT	2 7/8	2.441	6.50	J-55		32.56	5,324.8	5,357.4
1	Pump Seating Nipple	2 7/8	2.250		S.S.		1.10	5,357.4	5,358.5
1	Anchor 5 1/2 X 2 7/8	4.995	2.441		Coated		2.73	5,358.5	5,361.2
1	Mule Shoe Tubing Joint	2 7/8	2.441	6.50	J-55		24.00	5,361.2	5,385.2

Printed: 1/14/2016

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: I-149-IND-8839A

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ANETH UNIT J230

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037302400000

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

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 40.0S Range: 25.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 2/1/2016
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

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

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

Resolute Natural Resources respectfully submits this sundry as notice that the pump repair on the above well was completed on 2/1/16

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 16, 2016

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

SIGNATURE	DATE
N/A	2/16/2016

RECEIVED: Feb. 16, 2016

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: I-149-IND-8839A

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ANETH UNIT J230

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037302400000

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

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 40.0S Range: 25.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/31/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pump Repair

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

Resolute Natural Resources respectfully submits this sundry as notice of a pump repair on the above well. Attached are the procedures and schematics

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 31, 2016

By: Dark K Dunt

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

SIGNATURE	DATE
N/A	8/29/2016

RECEIVED: Aug. 29, 2016

Resolute

Natural Resources

Re: AU J-230 Pump Repair

Procedure

1) MIRU. Kill well as necessary. Pressure test tubing.
2) POH & SB KD-63 rods & LD insert pump.
   Note: *Contact Joseph Begay to visually inspect rods & pump assembly.*
3) Pressure test tubing with SV (1000#).
4) RIH with insert pump & rods.
5) Hang well on, test for good pump action.
6) RDMOL. Apply appropriate chemical treatment.

Aneth Unit Operation, P.O. Box 800, Montezuma Creek, Utah 84534

AU J-230 (Multi-Lateral)

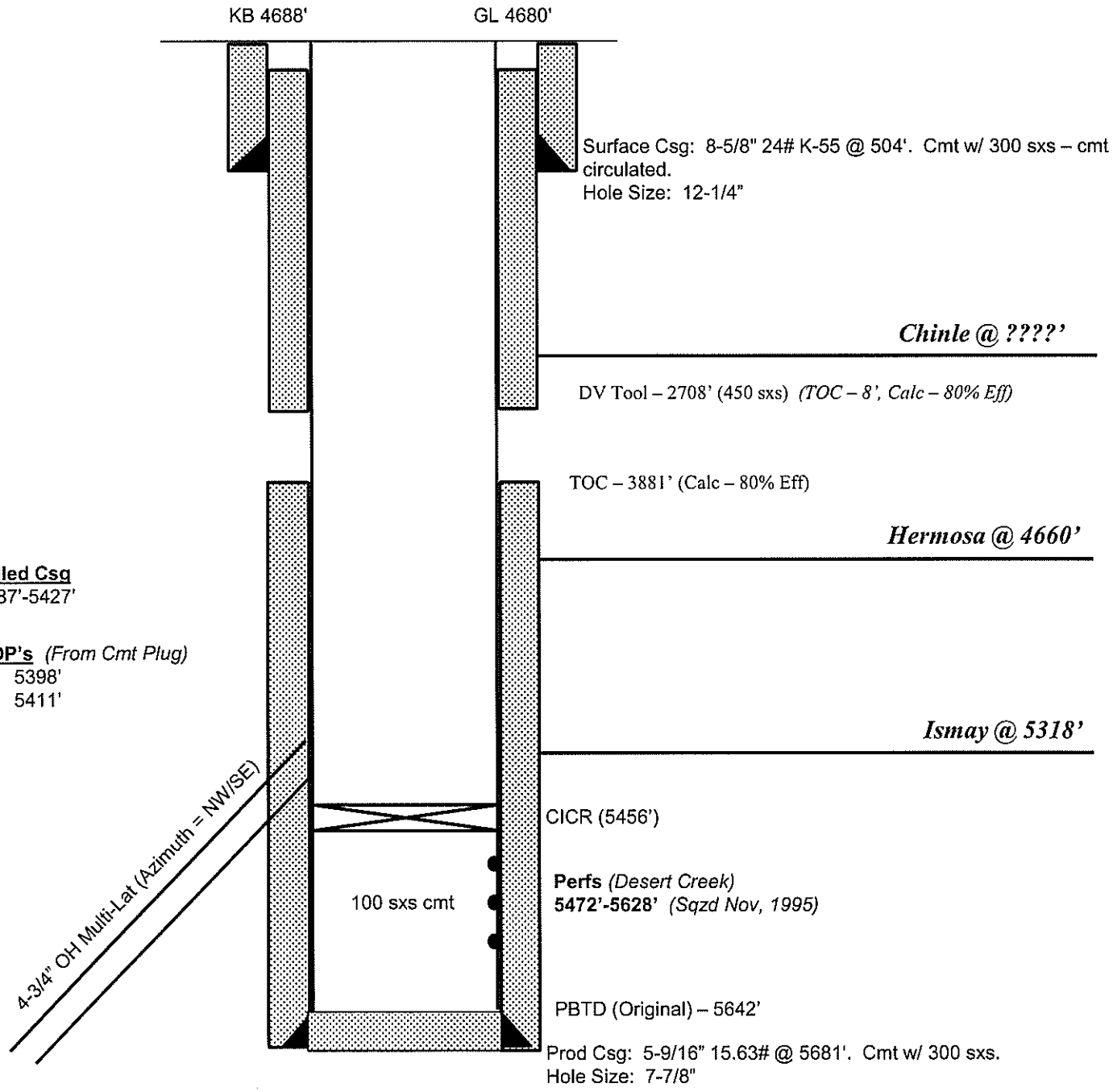
GREATER ANETH FIELD
1980' FNL & 660' FWL
SEC 30-T40S-R25E
SAN JUAN COUNTY, UTAH
API 43-037-30240

Producer (1975)

Formation Tops

Navajo	
Chinle	
DeChelly	*2590'*
Organ Rock	
Hermosa	*4660'*
Ismay	*5318'*
Desert Creek	*5472'*

Current



CA Wright 08-24-2016 AU J230

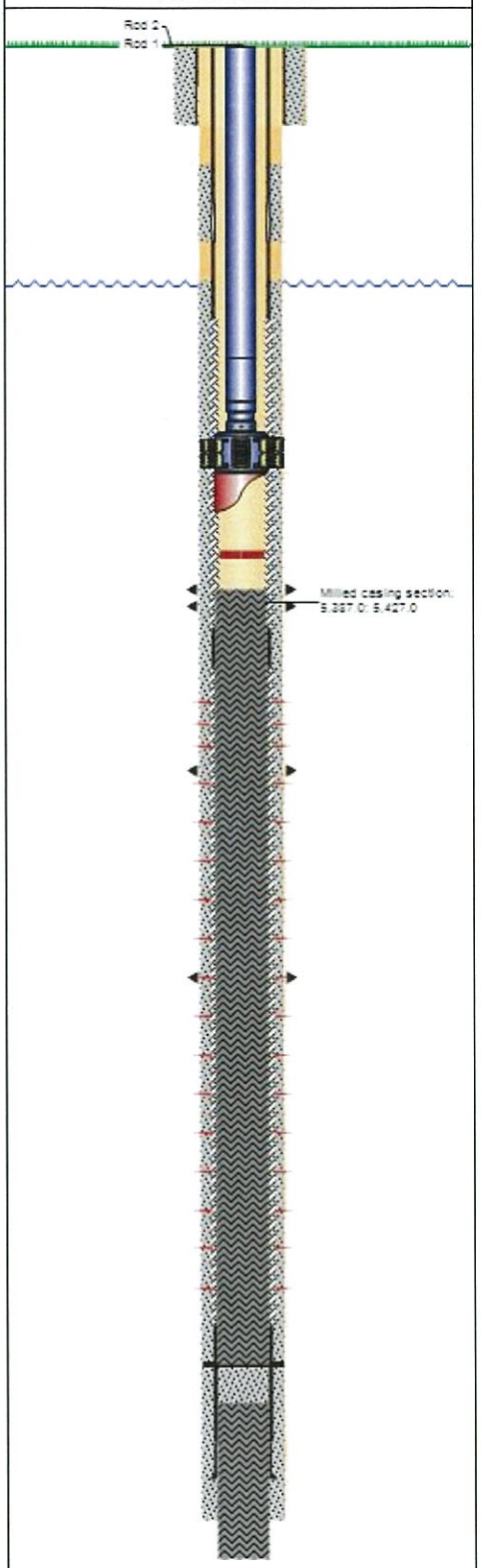
Resolute Tubing **WellView**

Well Name: AU J-230

API Number	Qtr/Qtr	Field Name	State/Province	Wellbore Config	Enertia ID#
4303730240	SW NW	Aneth Unit	Utah	Horizontal	0674.01
Ground Elevation (ft)	**Casing Flange Elevation (ft)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**Regulatory Spud Date**	**Rig Release Date/Time**
4680		8.00		11/19/1975 00:00	

Horizontal - Original Hole, 1/29/2016

Vertical schematic (actual)



Tubing

Tubing Description	Set Depth (ftKB)	Run Date	Pull Date
Tubing - Production	5,360.7	1/29/2016	

Jts	Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Top Thread	Len (ft)	Top (ftKB)	Btm (ftKB)
165	Tubing / ReRun	2 7/8	2.44	6.50	J-55		5,285.58	8.0	5,293.6
1	Tubing 70XT / New	2 7/8	2.44	6.50	J-55		32.65	5,293.6	5,326.2
1	Pump Seating Nipple / New	2 7/8	2.28				1.08	5,326.2	5,327.3
1	Anchor 5 1/2 X 2 7/8 / New	4.995	2.44				2.70	5,327.3	5,330.0
1	Mule Shoe Tubing Joint / New	4.995	2.44	6.50	J-55		30.65	5,330.0	5,360.7

Resolute Schematic - Current **WellView**

Well Name: AU J-230

API Number	Qtr/Qtr	Field Name	State/Province	Wellbore Config	Enertia ID#
4303730240	SW NW	Aneth Unit	Utah	Horizontal	0674.01
Ground Elevation (ft)	**Casing Flange Elevation (ft)**	**KB-Ground Distance (ft)**	**KB-Casing Flange Distance (ft)**	**Regulatory Spud Date**	**Rig Release Date/Time**
4680		8.00		11/19/1975 00:00	

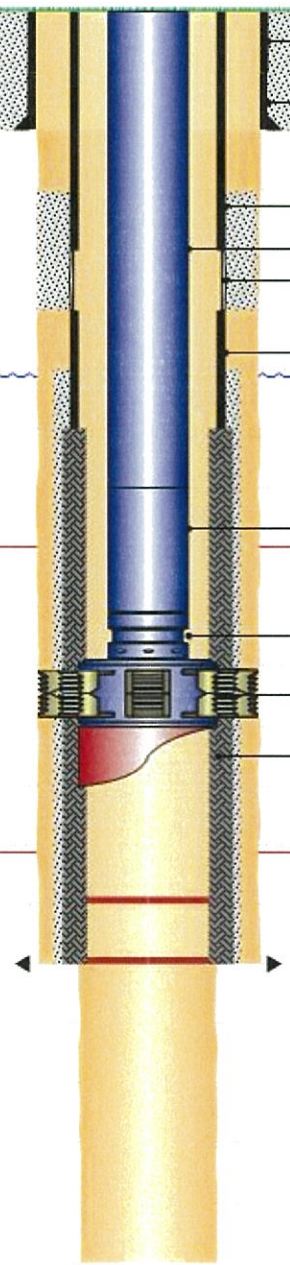
Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Start Date	End Date
Workover	Pump Repair		1/19/2016	2/1/2016

Schematic

Horizontal - Lateral 1, 8/26/2016 10:59:36 AM

MD (ftKB)	Vertical schematic (actual)
7.9	
502.0	Casing; 8.0-502.0; 494.00; 1-1; 8 5/8; 8.02
503.9	Casing Shoe; 502.0-504.0; 2.00; 1-2; 8 5/8; 8.02
919.9	Casing; 8.0-2,703.0; 2,695.00; 2-1; 5 9/16; 4.95
2,703.1	Tubing / ReRun; 8.0-5,293.6; 5,285.58; 7-1; 2 7/8; 2.44
2,708.0	Stage Collar; 2,703.0-2,708.0; 5.00; 2-2; 5 9/16
4,623.0	Casing; 2,708.0-5,679.0; 2,971.00; 2-3; 5 9/16; 4.95
5,118.1	
5,293.6	Tubing 70XT / New; 5,293.6-5,326.2; 32.65; 7-2; 2 7/8; 2.44
5,317.3	ISMAY (final)
5,326.1	Pump Seating Nipple / New; 5,326.2-5,327.3; 1.08; 7-3; 2 7/8; 2.28
5,327.4	Anchor 5 1/2 X 2 7/8 / New; 5,327.3-5,330.0; 2.70; 7-4; 5.00; 2.44
5,330.1	Mule Shoe Tubing Joint / New; 5,330.0-5,360.7; 30.65; 7-5; 5.00; 2.44
5,360.6	
5,386.2	LISA (final)
5,387.1	
5,398.0	
5,426.8	
5,642.1	
5,679.1	
5,690.0	
6,435.0	



FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: I-149-IND-8839A

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: ANETH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: ANETH UNIT J230

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037302400000

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

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1980 FNL 0660 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 40.0S Range: 25.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 9/7/2016	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Pump Repair

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

Resolute Natural Resources respectfully submits this sundry as notice that the pump repair on the above well was completed on 9/7/2016 according to previously approved procedures

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
September 16, 2016

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

SIGNATURE	DATE
N/A	9/13/2016

RECEIVED: Sep. 13, 2016