

FILE NOTATIONS

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

Checked by Chief
Approval Letter
Disapproval Letter

*Pub.
11-27-74
J. J. [Signature]*

COMPLETION DATA:

Date Well Completed *11-4-74*

Location Inspected

W. ✓ WW..... TA.....

Bond released

W..... OS..... PA.....

State or Fee Land

LOGS FILED

Miller's Log ✓

Electric Logs (No.) ✓

..... I..... Dual I Lat..... GR-N..... Micro.....

AC Sonic GR..... Lat..... MI-L..... Sonic.....

ABLog..... CLog..... Others.....



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT
ROCKY MOUNTAINS-U. S.
DENVER DIVISION

July 15, 1974

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

SURFACE USE DEVELOPMENT PLAN
ANETH UNIT WELL NO. E420
SW $\frac{1}{4}$ SW $\frac{1}{4}$ SEC. 20 T40S-R24E
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:

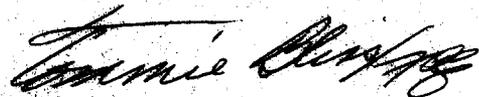
As requested by your office, the Surface Use Development Plan for Aneth Unit Well No. E420, San Juan County, Utah, is as follows:

1. Existing roads and exit to the location are shown on the attached plats.
2. New access road 750' x 30' wide will be required. The road will run north from an existing road to the location with a compact ground surface.
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 this well will run one and three-fourths miles northeast to an existing battery (see attached plat).
6. Water for drilling operations will be obtained from Texaco's produced water tank located near the Texaco office, a distance of four miles.

July 15, 1974

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 300'. Proper grading will be used to control erosion, and the drilling pad surface will be compact 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 located on slightly sloping, sandy ground with scattered bunches of native grass. No Indian buildings or artifacts are evident in the immediate vicinity.

Very truly yours,



Tommie Bliss
District Superintendent

FME:RB

Attach.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL 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
 At proposed prod. zone **SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20
 495' FSL & 495' FWL, Sec. 20**

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
495'

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
5556'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4506' GR

22. APPROX. DATE WORK WILL START*
October 1, 1974

5. LEASE DESIGNATION AND SERIAL NO.
I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
E420

10. FIELD AND POOL, OR WILDCAT
Aneth Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
**Sec. 20 T40S-R24E
 S.L.M.**

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

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	New 13-3/8"	48# H-40	100'	Circulate to surface.
12-1/4"	New 8-5/8"	24# K-55	1600'	Circulate to surface.
7-7/8"	New 5-1/2"	14, 15.5# K-55	5556'	Cement 600' above pay zone.

DV collar to be run below DeChelly 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 JUL 22 1974
 BY C.B. Hughes

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 [Signature] TITLE District Superintendent DATE July 2, 1974

(This space for Federal or State office use)

PERMIT NO. 43-037-30195 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

*See Instructions On Reverse Side

COMPANY Texaco Inc.

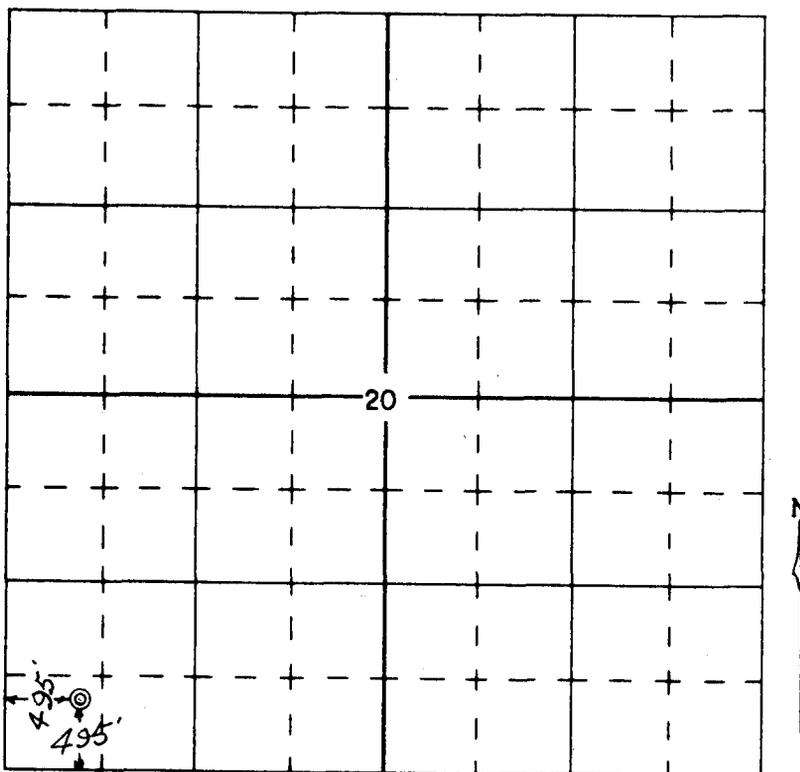
Well Name & No. Aneth Unit Well No. E420 Lease No. _____

Location 495 feet from South line and 495 feet from West line

Being in San Juan County, Utah

Sec. 20, T.40S., R.24E., S.L.M.

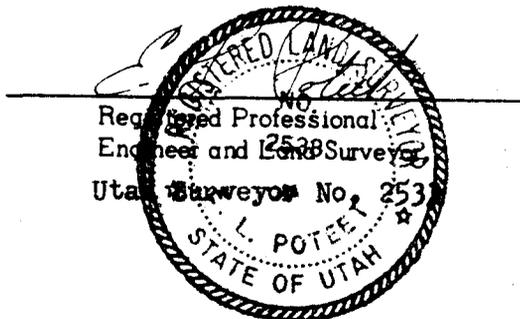
Ground Elevation 4506



Scale -- 4 inches equals 1 mile

Surveyed _____ June 15, 19 74

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.



Minimum equipment requirements are:

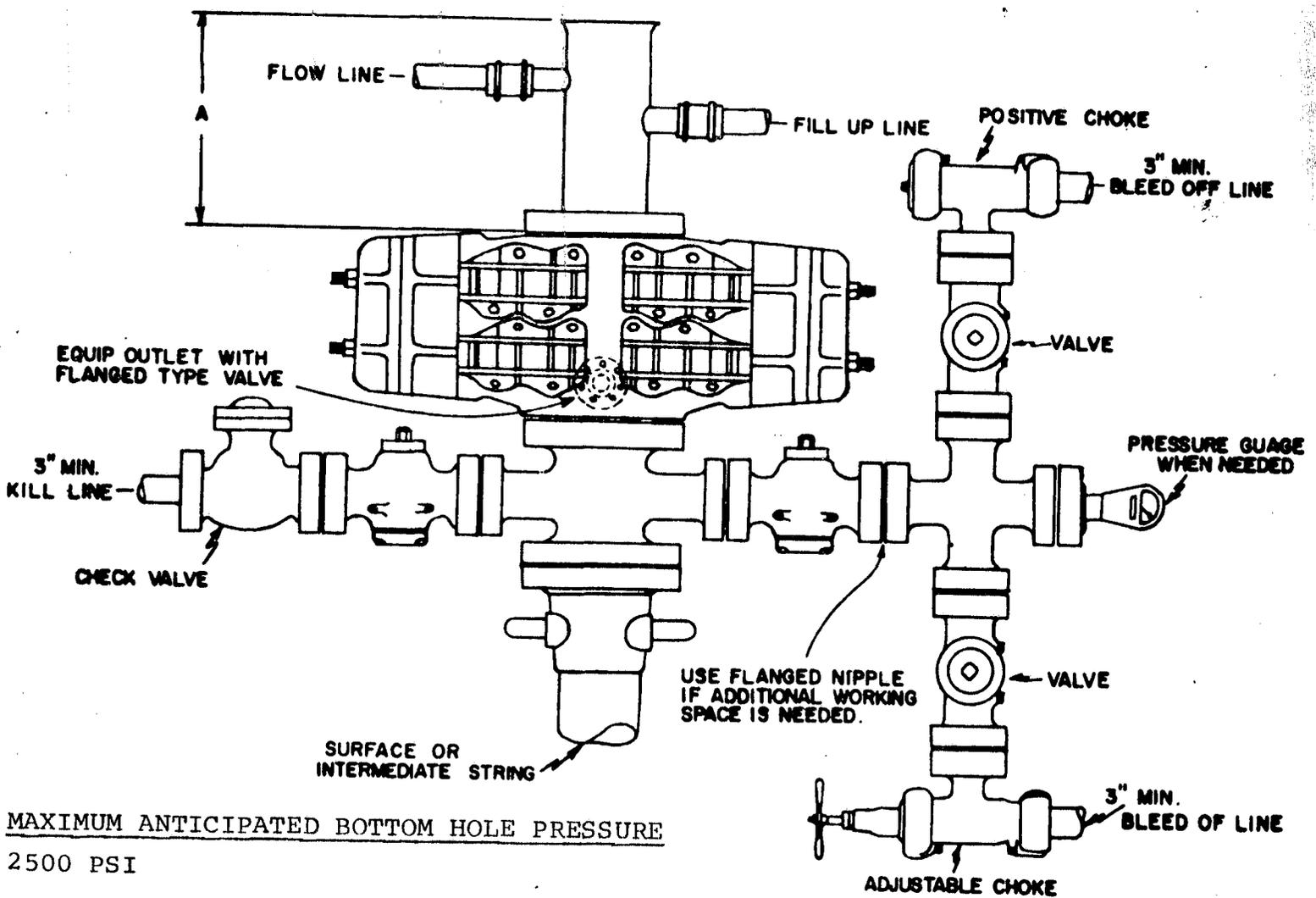
1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.

2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas. 10" Series 600.

3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.

4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.

5. Kelly cock must be used at all times and should be checked daily.



MAXIMUM ANTICIPATED BOTTOM HOLE PRESSURE
2500 PSI

DRILLING FLUID - WATER & SALT MUD

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.

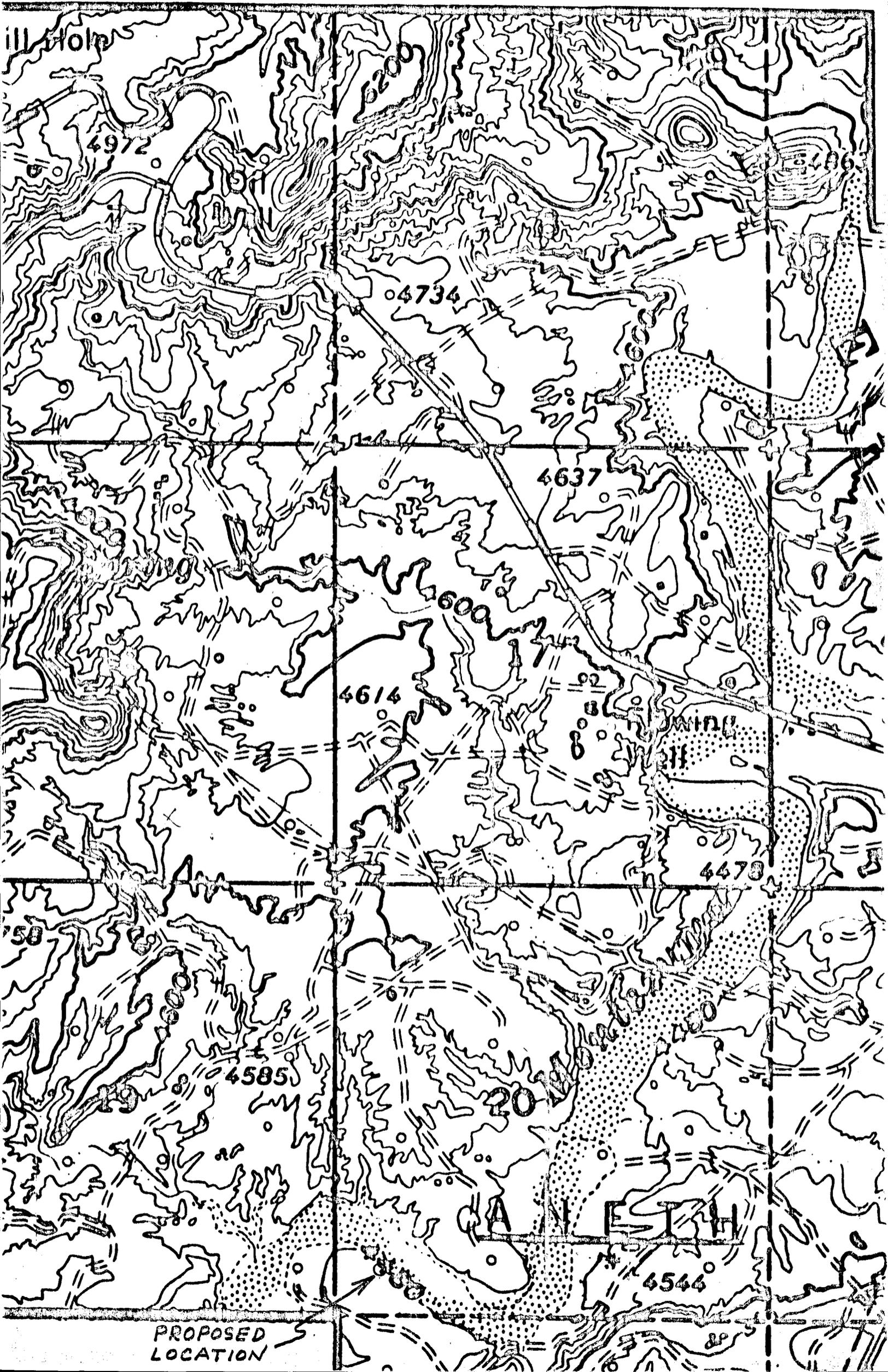
ANETH UNIT WELL NO. E420

SAN JUAN COUNTY, UTAH

APPROVED
[Handwritten Signature]

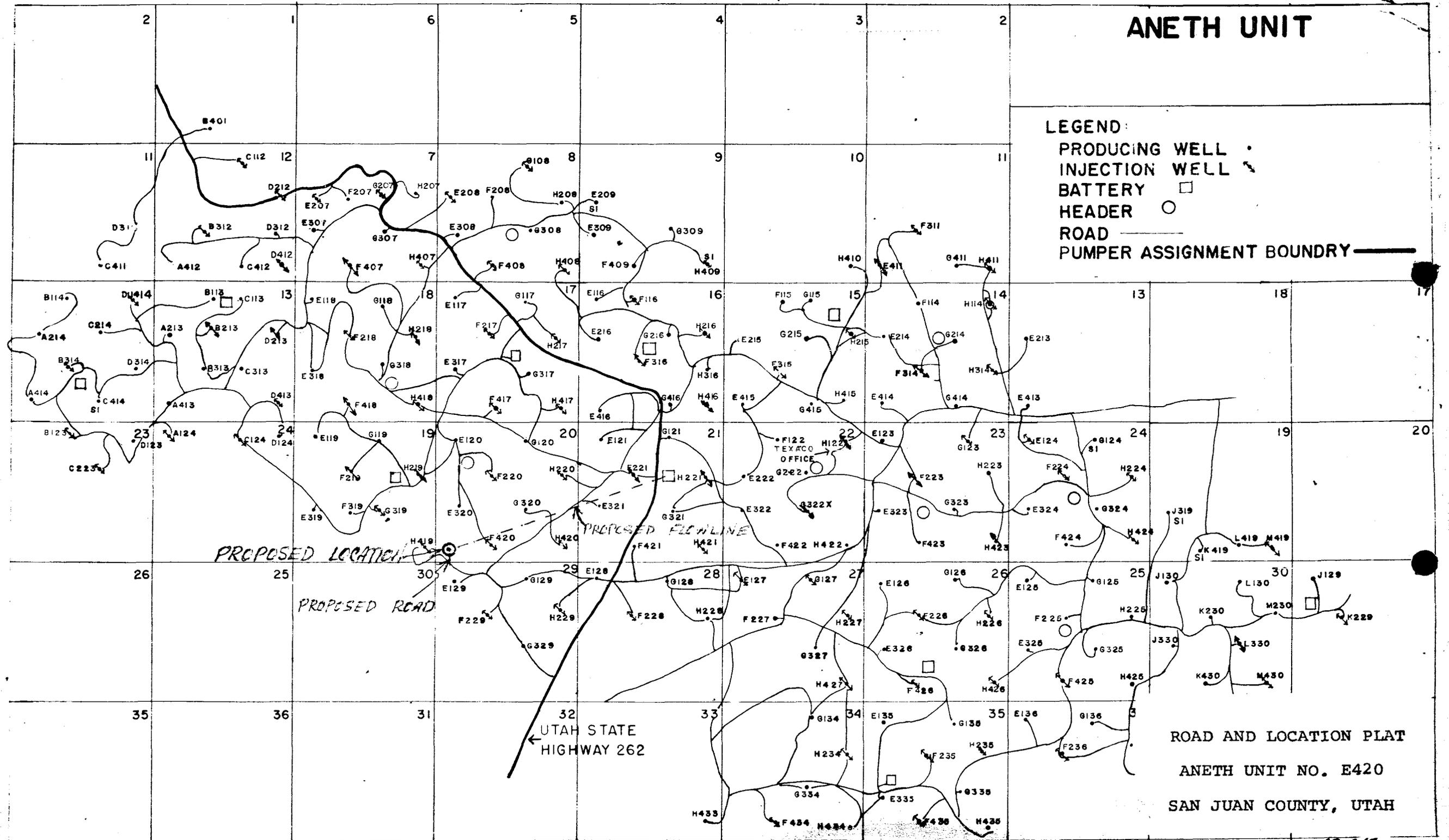
TEXACO INC	
DENVER, COLORADO	
BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2	
DRAWN BY <u>M.B.D.</u>	CHKD BY <u>E.S.T.</u>
DATE <u>11-8-58</u>	FILE <u>488000</u>
REVISED _____	SERIAL <u>X-108-8</u>

WELL AND LOCATION PLAT
ANETH UNIT WELL NO. E420
SAN JUAN COUNTY, UTAH



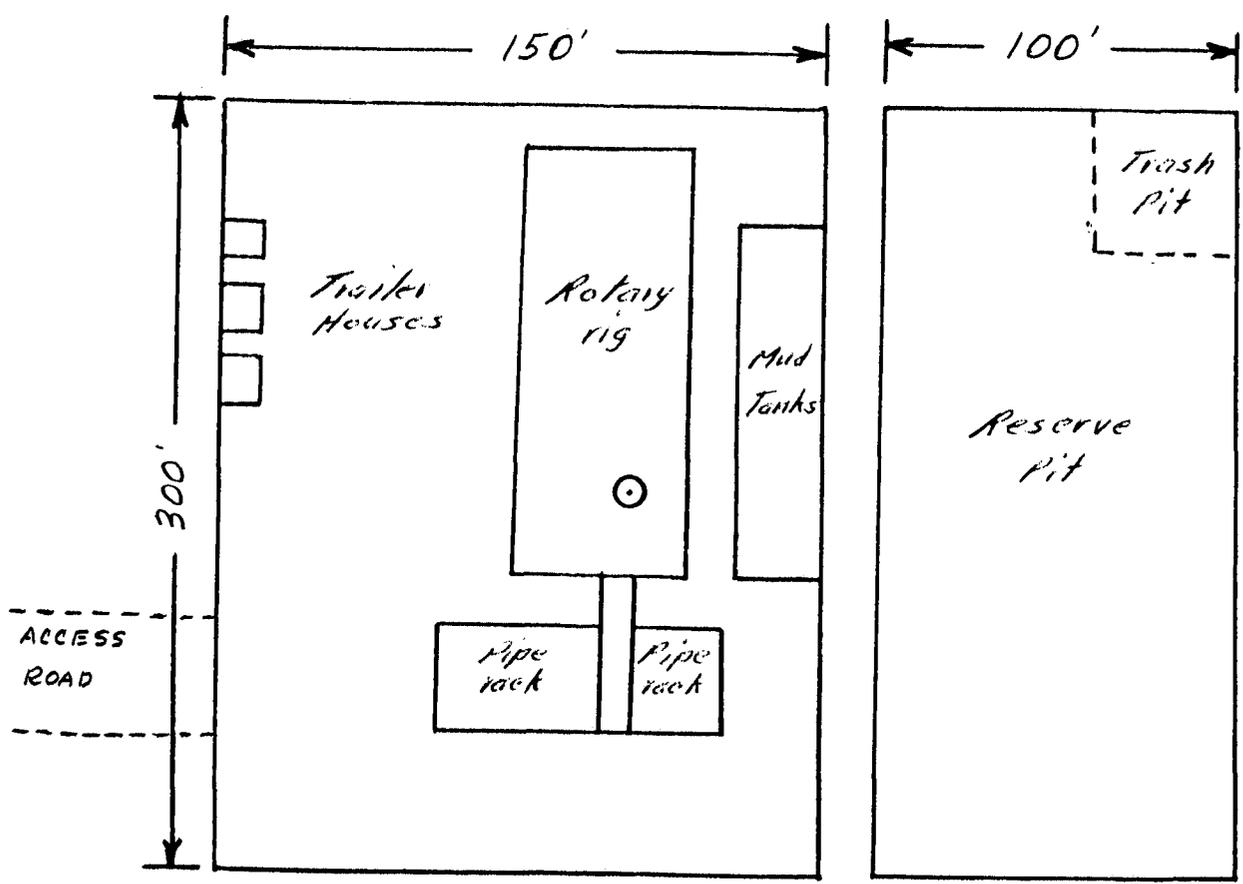
ANETH UNIT

LEGEND:
• PRODUCING WELL
• INJECTION WELL
□ BATTERY
○ HEADER
— ROAD
— PUMPER ASSIGNMENT BOUNDRY



ROAD AND LOCATION PLAT
ANETH UNIT NO. E420
SAN JUAN COUNTY, UTAH

————— NORTH



- A. Drilling pad will be compacted soil.
- B. Slightly sloping, sandy ground with scattered bunches of native grass.

LOCATION AND RIG LAYOUT PLAT
ANETH UNIT WELL NO. E420
SAN JUAN COUNTY, UTAH

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

7. UNIT AGREEMENT NAME

Aneth Unit

8. FARM OR LEASE NAME

Unit

9. WELL NO.

E-420

10. FIELD AND POOL, OR WILDCAT

Aneth Field

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

Sec. 20-T40S-R24E

S.L.M.

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. OIL WELL GAS WELL OTHER

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.* See also space 17 below.)
At surface

SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20
495' FSL & 495' aFWL, Sec. 20

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4506' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Surface Casing

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

9-15-74

Ran 2 joints (85') of 13-3/8" OD, 48#, H-40, ST&C new casing, set at 83'KB. Cemented with 125 sacks regular cement w/3% CaCl. Plug down 6:30 a.m., 9-14-74. Cement circulated to surface.

9-18-74

Ran 59 joints (1390') of 8-5/8" OD, 24#, K-55, ST&C used casing, set at 1389'KB. Cemented with 600 sacks Howco Lite and 100 sacks regular w/2% CaCl. Plug down 5:45 p.m. w/1200#, 9-17-74. Cement circulated to surface.

Tested blind and pipe rams and casing at 600# for 30 minutes. Pressure held OK.

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

SIGNED Tommye Bliss TITLE District Superintendent DATE Sept. 19, 1974

(This space for Federal or State office use)

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

USGS(3) OGCC(2) TB ARM THE Navajo Tribe Gulf(2) Shell Oil
Farmington SLC Superior Tenneco

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

I-149-IND-8836

6. INDIAN, ALIQUOTED OR TRIBE NAME

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

3. ADDRESS OF OPERATOR **Texaco, Inc. Attention: T. Bliss**

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

**SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20
495' FSL & 495' FWL, Sec. 20**

14. PERMIT NO.

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

4506' GR

7. UNIT AGREEMENT NAME

Aneth Unit

8. NAME OF LEASER

9. WELL NAME

E-420

10. FIELD AND POOL, OR WILDCAT

Aneth Field

11. SEC., T., R., E., OR B.M. AND SURVEY OR AREA

Sec. 20-T40S-R24E

12. COUNTY OR PARISH 13. STATE

S. I. M. San Juan Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) **Production casing**

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

10-4-74

Ran 181 joints (5588') of 5-1/2" OD, 14# & 15.5#, K-55, ST&C new and SH casing, set at 5576' KB. Cemented 1st. stage with 300 sacks Class "B" cement w/7# salt, 6# gilsonite, 1# mud kill, 3/4# CFR-2 per sack. Plug down 4:55 a.m., 10-4-74, 2nd. stage cemented through DV tool at 2608' with 400 sacks Halliburton Lite, followed with 50 sacks Class "B" cement w/2% CaCl. Plug down 5:55 a.m., 10-4-74. Final report. ✓

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

SIGNED **Signed: Tommie Bliss**

TITLE **District Superintendent** at DATE **Oct. 4, 1974**

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

**USGS(3) OGCC(2) TB ARM The Navajo Tribe Gulf(2) Shell
Farmington SLC Superior Tenneco**

*See Instructions on Reverse Side

**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.

5. LEASE DESIGNATION AND SERIAL NO.
I-149-IND-9836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
E420

10. FIELD AND POOL, OR WILDCAT
Aneth Unit

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
**Sec. 20-T40S-R24E
S.L.M.**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

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

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 **SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 20**
At top prod. interval reported below **495' FSL & 495' FWL, Sec. 20**
At total depth

14. PERMIT NO. **13-037-3095** DATE ISSUED

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

15. DATE SPUDDED **9-13-74** 16. DATE T.D. REACHED **10-4-74** 17. DATE COMPL. (Ready to prod.) **11-4-74** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4518' KB** 19. ELEV. CASINGHEAD **4506' Gr.**

20. TOTAL DEPTH, MD & TVD **5576'** 21. PLUG, BACK T.D., MD & TVD **5512'** 22. IF MULTIPLE COMPL., HOW MANY* **--** 23. INTERVALS DRILLED BY **Surf to TD** ROTARY TOOLS **---** CABLE TOOLS **---**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
**Desert Creek Top 5360'
Bottom 5452'** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **FDC-CNL-GR, F Log, MLL, DLL** 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
13-3/8"	48#	83'	17$\frac{1}{2}$"	125 sacks	--
8-5/8"	24#	1389'	12$\frac{1}{2}$"	700 sacks	--
5-1/2"	14# & 15.5#	5576'	7-7/8"	700 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"	5408'	None

31. PERFORATION RECORD (Interval, size and number)

5360'-64' 2 JSPP 5430'-40' 2 JSPP
5378'-80' " " 5444'-52' 2 JSPP
5394'-5404' " "
5408'-12' " "

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5360'-5412'	2500 gals 28% NE HCl.
5430'-52'	1500 gals 28% NE HCl.

33.* PRODUCTION

DATE FIRST PRODUCTION **11-4-74** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Pumping, 2 $\frac{1}{2}$ " x 2" x 26' rod pump** 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
11-8-74	24	--	---	331	278	74	841

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
--	--	---	--	--	--	37.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sold** TEST WITNESSED BY **A. R. Marx**

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 Signed: Tommie Bliss TITLE District Superintendent DATE 11-11-74

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

USGS (3) OGCC (2) TB ARM The Navajo Tribe Gulf (2) Shell
 Farmington SLC Superior Tenneco Sun Marathon

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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Desert Creek Imnay Hermosa DeChelly	5358' 5240' 4390' 2464'	

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

pw

NOV 14 1954

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Texaco Inc.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: **495' FSL & 495' FWL, Sec. 20**
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
E420

10. FIELD OR WILDCAT NAME
Aneth

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 20, T40S, R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4518 KB

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other)			

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 8/8/80
BY: ez Feijert

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

Texaco Inc. plans to acidize all Desert Creek pay in Aneth Unit E420. All work will be done in accordance with USGS and UOGCC regulations.

Procedure:

- 1) Run tubing with RBP and packer.
- 2) Acidize perforations 5430-40, 5444-52 with 2000 gal. 28% PAE in two stages.
- 3) Acidize perforations 5360-64, 5378-80, 5394-5404, 5408-12 with 3000 gal. 28% PAE in three stages.
- 4) Pull tubing, RBP, and packer.
- 5) Place well back on production.

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

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

SIGNED Chas R. Mary TITLE Field Foreman DATE 8-05-80

(This space for Federal or State office use)

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

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

*See Instructions on Reverse Side

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Texaco Inc.

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 495'FSL & 495'FWL, Sec. 20
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON* (other)	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
I-149-IND-8836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
Aneth Unit

8. FARM OR LEASE NAME
Unit

9. WELL NO.
E420

10. FIELD OR WILDCAT NAME
Aneth

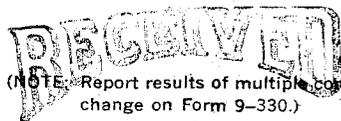
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 20, T40S, R24E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4518 KB



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

JAN 9 1981

DIVISION OF

OIL, GAS & MINING

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

12-16-80: MIRUSU. Pulled rods, pump, and tubing. Ran tubing, RBP, and packer. Set packer at 5300'KB. Acidized existing perfs 5360-64, 5378-80, 5394-5404, 5408-12, 5430-40, and 5444-52 w/5500 gal 28% PAE in 5 stages. Avg. rate for all stages was 2.7 bpm to 4 bpm. Avg. press.=0 psi. Pulled tubing, RBP, and packer. Placed well on production.

Test Before: 14 BOPD/72 BWPD
Test After: 22 BOPD/153 BWPD (5 day avg.)

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

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

SIGNED Alvin R. Mans TITLE Field Foreman DATE 1-07-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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

ACCT NUM	COMPANY NAME	FLD NUM	FIELD NAME	TOWN SHIP	RANGE	SEC	QTR QTR	API NUMBER	PROD ZONE	WELL STATUS	ENTITY	WELL NAME		
NO980	TEXACO INC	365	GREATER ANETH	S400	E240	14	NWSW	4303730266	DSCR	POW	7000	ANETH U E314		
								4303730218	IS-DC	POW	7000	ANETH U G114		
								4303730229	IS-DC	POW	7000	ANETH U H214		
								4303730123	DSCR	POW	7000	ANETH U H414		
								4303716073	DSCR	POW	7000	NAV TRB E-6 (E415)		
		680	SEEP RIDGE	S130	E220	11	SENE	11	SENW	4304730165	MNCS	PA	7020	CHORNEY NCT #1
										4303730066	IS-DC	POW	7000	ANETH U G215
		365	GREATER ANETH	S400	E240	16	SWSW	16	SWSE	4303715834	DSCR	POW	7000	ST THREE 14-16(E416)
										4303715836	DSCR	POW	7000	ST THREE 34-16(G416)
										4303730212	IS-DC	POW	7000	ANETH U F216
										4303730142	IS-DC	POW	7000	ANETH U E217
										4303730160	DSCR	POW	7000	ANETH U F117
										4303730139	DSCR	POW	7000	ANETH U F317
										4303730144	DSCR	POW	7000	ANETH U G417
										4303730137	IS-DC	WIW	7000	ANETH U E218
										4303730169	DSCR	POW	7000	ANETH U F318
										4303730131	DSCR	POW	7000	ANETH U G218
										4303730157	IS-DC	POW	7000	ANETH U H118
										4303730167	DSCR	POW	7000	ANETH U G219
										4303730133	DSCR	POW	7000	ANETH U H119
										4303730195	DSCR	POW	7000	ANETH U E420
										4303730135	DSCR	POW	7000	ANETH U F120
										4303730164	DSCR	POW	7000	ANETH U F320
										4303730156	IS-DC	POW	7000	ANETH U G220
										4303730228	IS-DC	POW	7000	ANETH U G420
										4303730181	IS-DC	POW	7000	ANETH U E221
4303716106	DSCR									SOW	7000	NAV TRB D-15(G321)		
4303730214	IS-DC									POW	7000	ANETH U G421		
4303730216	DSCR									POW	7000	ANETH U H321		
4303730346	DSCR									TA	7000	ANETH U E422		
4303716075	DSCR									POW	7000	NAV TRB D-11 (F122)		
4303730407	DSCR									POW	7000	ANETH U H322		
4303716098	IS-DC									PA	7000	NAV TRB Q-1 (G135)		
4303716052	IS-DC	POW	7000	NAV TRB C-2 (E123)										
4303730234	DSCR	POW	7000	ANETH U F323										
4303730223	DSCR	TA	7000	ANETH U H123										
4303730231	IS-DC	POW	7000	ANETH U E224										
4303730350	DSCR	POW	7000	ANETH U E424										
4303730349	DSCR	POW	7000	ANETH U F324										
4303730334	DSCR	POW	7000	ANETH U G424										
4303730221	ISMY	POW	7000	ANETH U F125										
4303730222	IS-DC	POW	7000	ANETH U G225										
4303730374	IS-DC	POW	7000	ANETH U G325X										
4303730308	DSCR	POW	7000	ANETH U H125										
4303730239	IS-DC	POW	7000	ANETH U H325										
4303730236	IS-DC	POW	7000	ANETH U G426										
4303730368	DSCR	POW	7000	ANETH U H326										



Texaco Exploration and Production Inc
Midland Producing Division

P O Box 3109
Midland TX 79702-3109

May 22, 1991

RECEIVED

MAY 28 1991

DIVISION OF
OIL GAS & MINING

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

Gentlemen:

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

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

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

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

Yours very truly,

R. S. Lane
Assistant Division Manager

RKH/KMM-CC

Attachments

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

SUBMIT IN TRIPLICATE
(Instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR Texaco Exploration and Production Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 46510, Denver, CO 80201		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether OF, FT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH 13. STATE

RECEIVED
MAY 28 1991

DIVISION OF
OIL GAS & MINING

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

Texaco Inc. has assigned all its ownership rights in the subject well. As of January 1, 1991, Texaco Inc. is no longer the Operator of subject well. The New Operator Texaco Exploration and Production Inc. hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Commission for proper plugging and surface restoration of the subject well.

Former Operator:

TEXACO INC.

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

Date: 3/1/91

New Operator:

Texaco Exploration and Production Inc.

Signed: [Signature]
Title: Division Manager

Date: 3/1/91

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

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

(This space for Federal or State office use)

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

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

6. Lease Designation and Serial Number

7. Indian Allottee or Tribe Name

8. Unit or Communitization Agreement

9. Well Name and Number

10. API Well Number

11. Field and Pool, or Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. Type of Well
 Oil Well Gas Well Other (specify)

2. Name of Operator
 Texaco Exploration and Production Inc.

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

4. Telephone Number
 (505) 325-4397

5. Location of Well

Footage :
 QQ, Sec. T., R., M. : See Attached

County :
 State : UTAH

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

NOTICE OF INTENT
 (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Transfer of Plugging Bond</u> | |

Approximate Date Work Will Start _____

SUBSEQUENT REPORT
 (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator/Operator Name</u> | |

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

This submittal is for a change of operator (name change) for all of the attached wells. The new operator, Texaco Exploration and Production Inc., hereby accepts operating responsibility and liability under its good and sufficient bond or other security accepted by the Department for proper plugging and surface restoration of the attached wells. All contact personnel, office addresses and phone numbers will remain the same.

FORMER OPERATOR: TEXACO INC.

NEW OPERATOR: TEXACO EXPLORATION AND PRODUCTION INC.

SIGNED: [Signature]
 Attorney-in-Fact

SIGNED: [Signature]
 Assistant Division Manager

DATE: _____

DATE: _____

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

Name & Signature _____

Title Asst. Div. Manager Date _____

(State Use Only)

Routing:

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

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

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

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 1-1-91)
(TEXACO EXPLORATION AND PRODUCTION INC.)
 TO (new operator) TEXACO E & P INC. FROM (former operator) TEXACO INC.
 (address) 3300 NORTH BUTLER (address) 3300 NORTH BUTLER
FARMINGTON, NM 87401 FARMINGTON, NM 87401
BRENT HELQUIST FRANK
 phone (505) 325-4397 phone (505) 325-4397
 account no. N 5700 (6-5-91) account no. N 0980

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

Name: <u>(SEE ATTACHED)</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (5-28-91)
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).
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.
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.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (6-11-91)
6. Cardex file has been updated for each well listed above.
7. Well file labels have been updated for each well listed above. (will update when filing)
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

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

BOND VERIFICATION (Fee wells only)

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

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

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

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

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

MICROFILMING

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

FILED

1. Copies of all attachments to this form have been filed in each well file.

2. The original of this form and the original attachments have been filed in the Operator Change file.

REMARKS

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

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

RECEIVED
BLM MAIL ROOM
JUL 10 AM 9:58

5. Lease Designation and Serial No.
NT-149-IND-8836

6. If Indian, Allottee or Tribe Name
Navajo

7. If Unit or CA, Agreement Designation
ANETH UNIT

8. Well Name and No.
E420

9. API Well No.
43037301950001

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

11. Country or Parish, State
San Juan, Utah

SUBMIT IN TRIPLICATE

FARMINGTON, NEW MEXICO

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Texaco Exploration and Producing 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)
495 FSL & 495 FWL Section 20-T40S-R24E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

Texaco proposes to plug and abandon the subject well. Commenced workover to repair pump on June 27, 1991. Found that the casing had collapsed on the tubing at 2930'. Chemical cut tubing at 2926'. Began fishing and milling operations. Recovered 39' of the tubing and 11' of the casing. Steve Mason of the Farmington BLM was contacted on July 9, 1991 at 3:00 pm by Mark S. Wakefield. Plug and abandonment procedure was obtained from Mr. Mason. See attached procedure and wellbore diagrams for pertinent details. Tentative start date is July 11, 1991.

RECEIVED

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS AND MINING
DATE: JUL 12 1991
BY: [Signature]

I hereby certify that the foregoing is true and correct

Signed: _____ Title: **Area Manager**

Approved by: _____ Title: **OPERATOR**

Conditions of approval, if any: _____

APPROVED AS AMENDED
Date: JUL 10 1991
[Signature]
AREA MANAGER

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

**ANETH UNIT E420
PLUGGING PROCEDURE**

1. TIH w/ 2-3/8" workstring and 5-1/2" packer. Set packer at 2900'. Rig up cementers and pump down tubing to establish rate and pressure. TOOH.
2. If rate and pressure can be established then TIH w/ 2-3/8" workstring and 5-1/2" cement retainer. Set retainer at 2750' and pump 100 sxs. of cement. Pull out of retainer and spot 50' of cement on top of cement retainer. Pull up to 2650' and reverse out excess cement. Spot 29 bbls of 10 ppg mud from 2650' to 1525'. Go to Step 4.
3. If rate and pressure cannot be established then TIH w/ 2-3/8" workstring and spot 18 sxs. of cement from 2965' to 2750'. Pull up to 2650' and reverse out excess cement. Spot 29 bbls of 10 ppg mud from 2650' to 1525'. *Tag cement Plug.*
4. TOOH and rig up wireline service. Shoot 4 squeeze holes at 1525'.
5. TIH w/ tubing and 5-1/2" cement retainer. Set retainer at 1375' and pump 55 sxs. of cement. Pull out of retainer and spot 50' of cement on top of cement retainer. Pull up to 1325' and reverse out excess cement. Spot 31 bbls of 10 ppg mud.
6. Spot 50' surface plug in 5-1/2" casing, cut off wellhead, erect marker, remove flowline and deadmen, and clean location.

Cement - API Class G cement w/ 6% bentonite.
Water requirements: 8.9 gal./sx.
Slurry volume: 1.71 cu. ft./sx.
Slurry weight: 13.6 lbs/gal.

JLB

Aneth Unit E420 Current Completion

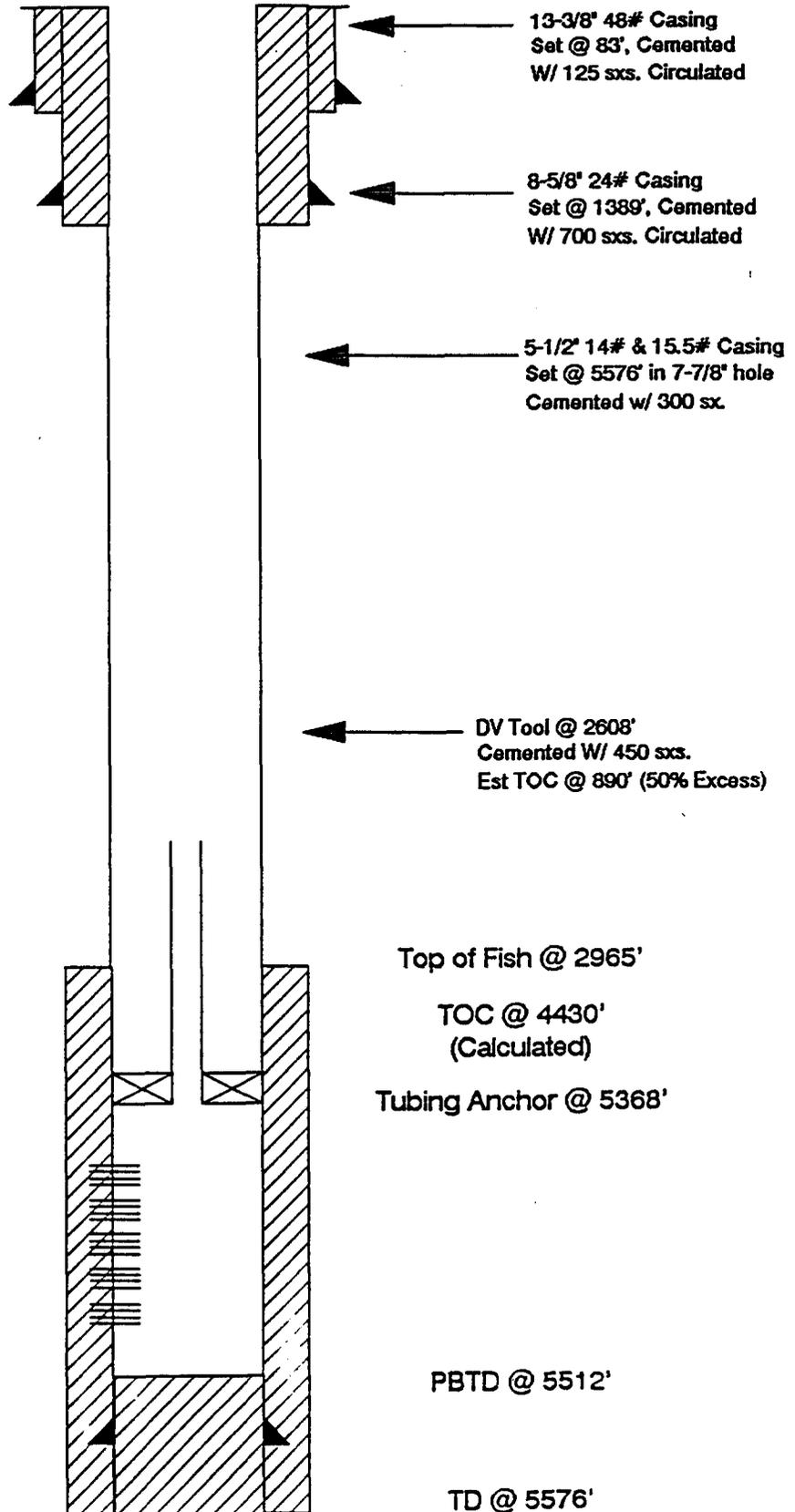
Formation Tops:

Navajo	613'
Chinlee	1470'
DeChelly	2545'
Hermosa	4488'
Ismay	5310'
Desert Creek	5483'

Casing collapsed @ 2930'

Existing Perforations:

5360-64
5378-80
5394-5404
5408-12
5430-40
5444-52



Aneth Unit E420 Plug and Abandonment

Formation Tops:

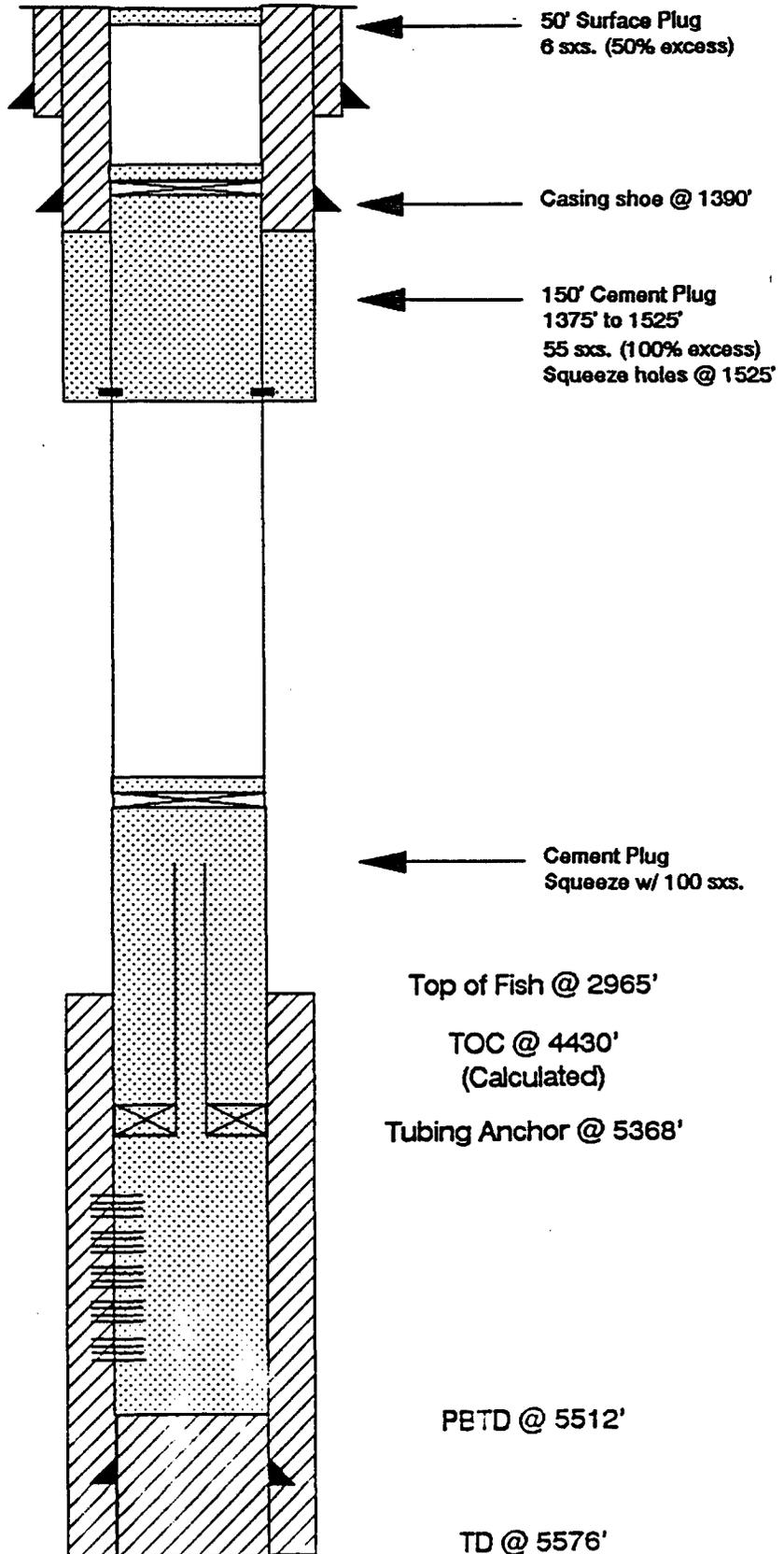
Navajo	613'
Chinlee	1470'
DeChelly	2545'
Hermosa	4488'
Ismay	5310'
Desert Creek	5483'

Cement Retainer @ 1375'
W/ 50' Cement Plug on top
6 sxs. (50% excess)

Cement Retainer @ 2750'
W/ 50' Cement Plug on top
6 sxs. (50% excess)

Existing Perforations:

- 5360-64
- 5378-80
- 5394-5404
- 5408-12
- 5430-40
- 5444-52



50' Surface Plug
6 sxs. (50% excess)

Casing shoe @ 1390'

150' Cement Plug
1375' to 1525'
55 sxs. (100% excess)
Squeeze holes @ 1525'

Cement Plug
Squeeze w/ 100 sxs.

Top of Fish @ 2965'

TOC @ 4430'
(Calculated)

Tubing Anchor @ 5368'

PBD @ 5512'

TD @ 5576'

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: E 720 AmcH Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Step #3 - Tag cement Plug.

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl₂ is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).
5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perms-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.
 - 5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.
6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.
7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. I-149-IND-8836
2. Name of Operator Texaco Exploration and Producing Inc.	6. If Indian, Allottee or Tribe Name Navajo
3. Address and Telephone No. 3300 N. Butler, Farmington N.M. 87401 (505)325-4397	7. If Unit or CA, Agreement Designation Aneth Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 495 FSL & 495 FWL Section 20-T40S-R24E	8. Well Name and No. E420
	9. API Well No. 43037301950001
	10. Field and Pool, or Exploratory Area Desert Creek and Ismay
	11. County or Parish, State San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

7/11/91 - TIH w/ 5 1/2" packer and set at 2844'. Establish rate at 1.5 BPM @ 800#. TOOH. TIH w/ cement retainer and set at 2749'. RU Dowell and pump 100 sxs Class G cement. Sting out of retainer, reverse out excess cement and spot mud spacer. TOOH. TIH w/ wireline and shot 4 squeeze holes at 1525'. TIH w/ cement retainer and set at 1375'. Pump 55 sxs of cement. Sting out of retainer, reverse out excess cement and spot mud spacer. Spot 60' cement plug to surface. RDMOL.

BLM representative - Kevin Schnieder.

RECEIVED

NOV 12 1991

DIVISION OF
OIL GAS & MINING

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

Signed *Paul A. Dwyer* Title Area Manager Date 11-9-91

(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