

Release Date *March 20, 1968*

**CONFIDENTIAL**

**P-W**

Texaco #1 Navajo-BC 130  
NW NE 26-7N-7W NSM Apache County

sl

COUNTY Apache AREA 10' S. Lukachukai LEASE NO. Navajo 14-20-0603-777

WELL NAME Texaco, Inc. #1 Nav-BC

LOCATION NW NE SEC 26 TWP 7N RANGE 7W NSM FOOTAGE 660 FNL 1980' FEL

ELEV 7127' GR 7139 KB SPUD DATE 9-6-67 STATUS \_\_\_\_\_ TOTAL \_\_\_\_\_  
logs measured from KB COMP. DATE 9-20-67 DEPTH 2937'

CONTRACTOR Loffland Brothers, Farmington, N M

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	<u>x</u>
<u>8 5/8</u>	<u>316'</u>	<u>225 SKS</u>	<u>NA</u>	DRILLED BY CABLE TOOL	_____
_____	_____	_____	_____	PRODUCTIVE RESERVOIR	_____
_____	_____	_____	_____	INITIAL PRODUCTION	<u>P&amp;A</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
<u>DeChelly</u>	<u>467'</u>	<u>x</u>	<u>x</u>	<u>Strat Test</u>
<u>Organ Rock</u>	<u>1167'</u>			
<u>Hermosa</u>	<u>1684'</u>			
<u>Mississippian</u>	<u>2374'</u>			
<u>Elbert</u>	<u>2550'</u>			
<u>McCracken</u>	<u>2697'</u>			
<u>Aneth</u>	<u>2860'</u>			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG	Am Strat
<u>Borehole Comp.</u>			<u>SAMPLE DESCRP.</u>	
<u>Sonic GR, Comp.</u>			<u>SAMPLE NO. 1428</u>	
<u>Formation Density</u>			<u>CORE ANALYSIS</u>	
<u>IE</u>			<u>DSTs x</u>	

REMARKS 9-1-67 verbal approval

APP. TO PLUG \_\_\_\_\_  
 PLUGGING REP. x  
 COMP. REPORT x

WATER WELL ACCEPTED BY Navajo Tribe, Window Rock, Az

BOND CO. Travelers Indemnity Co. /NA BOND NO. 837525 M 126170 DATE 1-1-67 *See Files 13, 448*

BOND AMT. \$ 25,000 CANCELLED 4-23-97 ORGANIZATION REPORT 1-1-67

FILING RECEIPT 9518 LOC. PLAT x WELL BOOK x PLAT BOOK x

API NO. 002-001-20054 DATE ISSUED 9-6-67 DEDICATION W/2 NE/4

PERMIT NUMBER 430

(over)

**CONFIDENTIAL**  
 Release Date 3-20-67



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WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

DESIGNATE TYPE OF COMPLETION:

New Well [X] Work-Over [ ] Deepen [ ] Plug Back [ ] Same Reservoir [ ] Different Reservoir [ ] Oil [ ] Gas [ ] Dry [X]

DESCRIPTION OF WELL AND LEASE

Operator TEXACO Inc. Address Box 810, Farmington, New Mexico

Federal, State or Indian Lease Number or name of lessor if fee lease 14-20-0603-777 Well Number 1 Field & Reservoir Wildcat

Location 660' FNL and 1980' FEL County Apache

Sec. TWP-Range or Block & Survey 26, 7-N, 7-W, NSM

Date spudded 9-6-67 Date total depth reached 9-20-67 Date completed, ready to produce Dry Hole Elevation (DF, RKB, RT or Gr.) 7139 DF feet Elevation of casing hd. flange 7127 feet

Total depth 2937 P.B.T.D. Single, dual or triple completion? Dry Hole If this is a dual or triple completion, furnish separate report for each completion.

Producing interval (s) for this completion Dry Hole Rotary tools used (interval) 0 to 2937 Cable tools used (interval) --

Was this well directionally drilled? No Was directional survey made? -- Was copy of directional survey filed? -- Date filed --

Type of electrical or other logs run (check logs filed with the commission) Induction - Electric, Gamma Ray - Sonic and Formation Density Log Date filed to be filed in 90 days

CASING RECORD

Table with 7 columns: Purpose, Size hole drilled, Size casing set, Weight (lb./ft.), Depth set, Sacks cement, Amt. pulled. Row 1: Surface, 12 1/2, 8 5/8, 24 lb., 316, 225, none.

TUBING RECORD

LINER RECORD

Table with 8 columns: Size, Depth set, Packer set at, Size, Top, Bottom, Sacks cement, Screen (ft.). Row 1: none in., ft., ft., in., none ft., ft.,

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

Table with 5 columns: Number per ft., Size & type, Depth Interval, Am't. & kind of material used, Depth Interval. Row 1: none, , , ,

INITIAL PRODUCTION

Date of first production Dry Hole Producing method (indicate if flowing, gas lift or pumping--If pumping, show size & type of pump:)

Date of test Hrs. tested Choke size Oil prod. during test Gas prod. during test Water prod. during test Oil gravity

Tubing pressure Casing pressure Cal'ed rate of Production per 24 hrs. Oil Gas Water Gas-oil ratio

Disposition of gas (state whether vented, used for fuel or sold):

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the District Superintendent of the TEXACO Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date 9-27-67

Signature [Handwritten Signature]

Permit No. 430

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION Well Completion or Recompletion Report Form No. 4 File One Copy



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DETAIL OF FORMATIONS PENETRATED

4

Formation	Top	Bottom	Description*
DeChelly	467		DST #1, 2340' to 2438'. Tool open 1 hour with no recovery at surface. Recovered 5' of drilling mud in drill pipe. No show of oil, gas or water.
Organ Rock	1167		
Hermosa	1684		DST #2, 2688' to 2760'. Tool open 1 hour with slight blow of air for 15 minutes. Recovered 500' of gas cut drilling mud. No show of oil or water.
Mississippian	2374		
Elbert	2550		
McCracken	2697		
Aneth	2860		
PE	2925	(+4214)	

\* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach drillers log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil & Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

CONFIDENTIAL

Form 9-330  
(Rev. 5-63)

CONFIDENTIAL  
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 \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other Core Test

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

2. NAME OF OPERATOR  
EXXACO Inc.

3. ADDRESS OF OPERATOR  
P. O. Box 810, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 600' from North Line and 1900' from East Line

At top prod. interval reported below

At total depth Same

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-0603-777

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Navajo Tribe "D"

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
26, 7-N, 7-W, N34

12. COUNTY OR PARISH  
Apache

13. STATE  
Arizona

14. PERMIT NO. --- DATE ISSUED ---

15. DATE SPEUDED 9-6-67 18. DATE T.D. REACHED 9-20-67 17. DATE COMPL. (Ready to prod.) Dry Hole 18. ELEVATIONS (DF, HSB, RT, GR, ETC.)\* 7139' DF 19. ELEV. CASINGHEAD 7127'

20. TOTAL DEPTH, MD & TVD 2937' 21. PLUG BACK T.D., MD & TVD --- 22. IF MULTIPLE COMPL., Dry Hole 23. INTERVALS DRILLED BY 10 to 2937' 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* Dry Hole 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Induction - Electric, Gamma Ray - Sonic and Formation Density Log

27. WAS WELL LOGGED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8"</u>	<u>24 lb.</u>	<u>316'</u>	<u>12 1/4"</u>	<u>225 Sacks</u>	<u>None</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
<u>None</u>				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>None</u>		

31. PERFORATION RECORD (Interval, size and number)

---

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>None</u>	

33. PRODUCTION

DATE FIRST PRODUCTION Dry hole PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) --- WELL STATUS (Producing or shut-in) ---

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) --- TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
None

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

SIGNED [Signature] TITLE District Superintendent DATE 9-27-67

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

430

CONFIDENTIAL

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.), formations 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 completion 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 a 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, 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 separately produced, showing the additional data pertinent to such interval.

Item 29: "Seals" completed in the summary report should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)



FURNATION	37. SUMMARY OF POSITIVE ZONES: DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND HIGH-PRESSURE, AND RECOVERIES		38. GEOLOGIC MARKERS	
	TOP	BOTTOM	NAME	MEAS. DEPTH
DeCoeilly	467'			
Organ Rock	1167'			
Kernosa	1634'			
Mississippiian	2374'			
Elbert	2550'			
McCracken	2697'			
Asoth	2860'			

DST #1, 2340' to 2433'. Tool open 1 hour with no recovery at surface. Recovered 5' of drilling mud in drill pipe. No show of oil, gas or water.

DST #2, 2688' to 2760'. Tool open 1 hour with slight blow of air for 15 minutes. Recovered 500' of gas cut drilling mud.

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

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.)

1. OIL WELL  GAS WELL  OTHER  **Stratigraphic Test**

2. NAME OF OPERATOR  
**TEXACO Inc.**

3. ADDRESS OF OPERATOR  
**P. O. Box 810, Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
**660' from North Line and 1980' from East Line**

14. PERMIT NO. **430**

15. ELEVATIONS (Show whether DF, ST, GR, etc.)  
**7139' DF**

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-0603-777**

6. INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Navajo Tribe "B"**

9. WELL NO.  
**1**

10. FIELD AND POOL OR WILDCAT  
**Wildcat**

11. SEC. T., R., M., OR BLM. AND SURVEY OR AREA  
**25, 7-N, 7-W, RSM**

12. COUNTY OR PARISH  
**Apache**

13. STATE  
**Arizona**

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	FRACTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ABANDONMENT	<input checked="" type="checkbox"/>
ABANDON*	<input type="checkbox"/>		
CHANGE PLANS	<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.)

**Total depth 2937'.**

**After drilling well to a depth of 2937' without encountering any commercial production, well was plugged as follows:**

**Spotted 51 sack cement plug from 2650' to 2936', 22 sack plug from 2000' to 2120', 70 sack plug from 1625' to 1725' and 143 sack plug from 1100' to 1300'. The wellhead was removed and a 4" swage nipple was installed on the 8 5/8" casing. This well will be turned over to the Navajo Tribe as water well. Completed plugging operations 9-20-67.**

**NOTE: Verbal approval to plug well in above manner was received from the USGS and Arizona Oil and Gas Conservation Commission 9-20-67.**

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

SIGNED [Signature] TITLE **District Superintendent**

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



\*See Instructions on Reverse Side

4 430

(Telephone: Fred Brock)

Trono #1 20 Navajo

9-21-67

Sec 26-7N-7W

Given Verbal

permission to plug

JR

Tops. De Chelly 467

Organ Rock 1167

Hermosa 1684

Miss 2374

TD 2937

Plugs to be set:

1100' - 1300'

1625' - 1725'

2000' - 2120'

2650' - 2936'

Will cap well so that Navajos can  
convert to WATER WELL.

###

1  
5

430

Form 9-331  
(May 1963)

**C O N F I D E N T I A L**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.  
**14-20-0603-777**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**Navajo**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Navajo Tribe "BC"**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC. T., B., M., OR BLK. AND SURVEY OR AREA  
**26, T7N, R7W, NSM**

12. COUNTY OR PARISH 13. STATE  
**Apache Arizona**

**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  **Stratigraphic Test**

2. NAME OF OPERATOR  
**TEXACO Inc.**

3. ADDRESS OF OPERATOR  
**P. O. Box 810, Farmington, New Mexico 87401**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
**660' from North line and 1980' from East line**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**7127' GR**

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input checked="" type="checkbox"/>	REPAIR WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Spudded 2:45 AM, September 6, 1967.  
Drilled 12-1/4" hole to 316' and cemented 304' of 8-5/8" casing at 316' with 225 sacks reg cement with 2% calcium chloride added. Cement circulated. Tested casing with 800 PSI for 30 minutes, casing tested ok.

**RECEIVED**  
SEP 8 1967  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

18. I hereby certify that the foregoing is true and correct  
SIGNED (Signed) **C. P. FARMER** TITLE **District Superintendent** DATE **9/8/67**

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

\*See Instructions on Reverse Side

6 430

( C O N F I D E N T I A L )

**APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK**

APPLICATION TO DRILL  DEEPEN  PLUG BACK   
**STRATIGRAPHIC TEST**

NAME OF COMPANY OR OPERATOR **TEXACO Inc.** DATE **September 1, 1967**

Address **P.O. Box 810,** City **Farmington, New Mexico** State **87401**

DESCRIPTION OF WELL AND LEASE

Name of lease <b>Navajo Tribe "BC"</b>	Well number <b>1</b>	Elevation (ground) <b>7127</b>
Well location (give footage from section lines) <b>at 660 FNL and 1980' FEL</b>		Section—township—range or block & survey <b>Section 26, T-7-N, R-7-W, NSM</b>
Field & reservoir (if wildcat, so state) <b>Wildcat (Stratigraphic Test)</b>	County <b>Apache</b>	
Distance, in miles, and direction from nearest town or post office <b>Approximately 10 miles South of Lukachukai, Arizona</b>		
Nearest distance from proposed location to property or lease line: <b>660</b> feet	Distance from proposed location to nearest drilling, completed or applied—for well on the same lease: <b>First well on lease</b> feet	
Proposed depth: <b>2850'</b>	Rotary or cable tools <b>Rotary</b>	Approx. date work will start <b>September 4, 1967</b>
Number of acres in lease: <b>640</b>	Number of wells on lease, including this well, completed in or drilling to this reservoir: <b>First well on lease</b>	
If lease, purchased with one or more wells drilled, from whom purchased: <b>-</b>		

Status of bond  
**\$10,000 Blanket bond on file**

Remarks: (if this is an application to deepen or plug back, briefly describe work to be done, giving present producing zone and expected new producing zone)

**Verbal approval to drill this well received September 1, 1967 from Mr. John Bannister**

\* Fill in Proposed Casing Program on other side

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the.....**District Superintendent**.....of ~~the~~  
**TEXACO Inc.**.....(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date **September 5, 1967**

*[Signature]*  
Signature



Permit Number: **430**  
Approval Date: **9-5-67**  
Approved By: *[Signature]*  
Notice: Before signing in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.  
See Instruction on Reverse Side of Form

STATE OF ARIZONA STATE LAND COMMISSION  
Application to Drill, Deepen or Plug Back  
Form No. P-1 File two copies  
Authorized by Order No. **4-6-59**  
Effective **April 6, 1959**

INSTRUCTIONS

READ CAREFULLY AND COMPLY FULLY

For the purpose of this determination attach hereto a neat, accurate plat, map or sketch of this lease, section, block or lot locating thereon the proposed site for this location. Plat shall be drawn to a scale which will permit the facile observation of all pertinent data. Show distances of the proposed well from the two nearest lease and section lines, and from the nearest wells on the same lease completed in or drilling to the same reservoir. If the location requested is not in conformance with the applicable well-spacing rules, show all off-setting wells to the proposed well, and the names and addresses of all adjoining lease or property owners.

In event plat is filed for the purpose of designating the drilling and producing unit, or proration unit, on which the proposed well is to be drilled, the boundaries of such unit shall be shown. Also the boundaries of all other such units attributed to other wells on the same lease completed in or drilling to the same reservoir. The acreage contained within each unit shall also be shown.

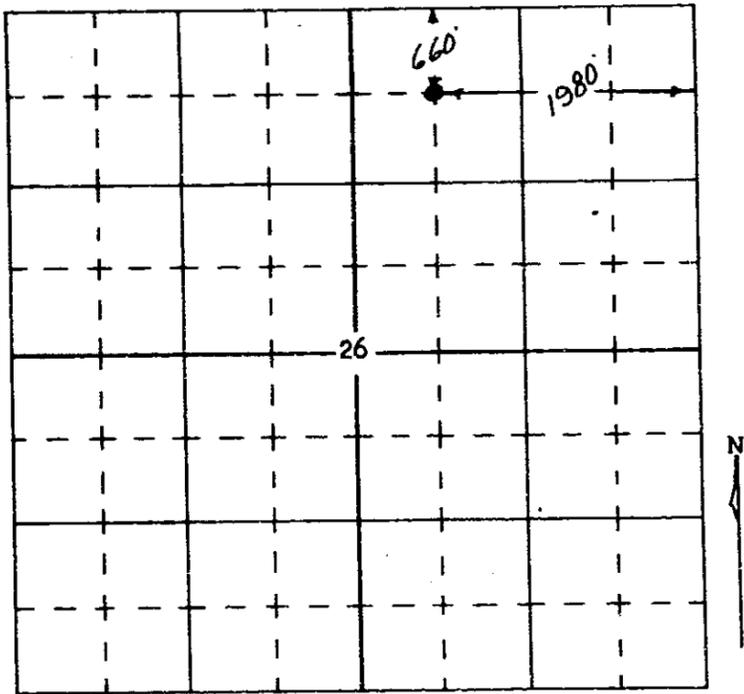
Do not confuse survey lines with lease lines. The sketch or plat should show your entire lease if possible. If it is not practical to show the entire lease and the plat shows only a section, block or lot out of your lease, you should clearly show that same is only a part of the lease.

Designate scale to which plat or sketch is drawn. Also designate northerly direction on the sketch or plat.

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
8-5/8"	24	J-55	0	300'	300'	Circulate

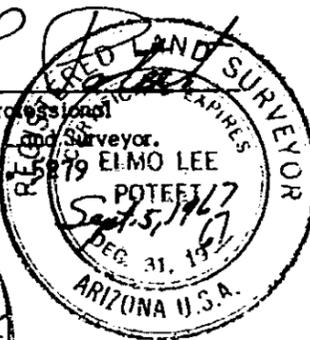
COMPANY Texaco Inc.  
 Well Name & No. Navajo Tribe "BC" #1 Lease No. \_\_\_\_\_  
 Location 660 feet from North line and 1980 feet from East line  
 Being in Apache County, Arizona  
 Sec. 26, T.7N., R.7W., Navajo Special Meridian  
 Ground Elevation 7127



Scale -- 4 inches equals 1 mile

Surveyed September 2, 1967

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.





# PERMIT TO DRILL

This constitutes the permission and authority from the  
OIL AND GAS CONSERVATION COMMISSION,  
STATE OF ARIZONA,

To: TEXACO INC.  
(OPERATOR)

to drill a well to be known as

Texaco #1 Navajo BC

(WELL NAME)

located 660' FNL and 1980' FEL (NW/4NE/4)

Section 26 Township 7N Range 7W NSM, Apache County, Arizona.

The W/2 NE/4 of said

Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 22<sup>nd</sup> day of September, 1967.

OIL AND GAS CONSERVATION COMMISSION

By John K. Kinnister  
EXECUTIVE SECRETARY

PERMIT N<sup>o</sup> 430

RECEIPT NO. 9518

State of Arizona  
Oil & Gas Conservation Commission  
Permit to Drill

FORM NO. 27



Fife Symington  
Governor

State of Arizona  
**Arizona Geological Survey**

416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Fellows  
Director and State Geologist

April 23, 1997

Ms. Carole Newton  
Texaco  
P.O. Box 2100  
Denver, CO 80201

Re: Texaco, Inc.  
\$25,000 Oil Drilling Blanket Bond No. M126180  
Insurance Company of North America

Dear Ms. Newton:

Our records show that neither Texaco or any of its predecessors-in-interest listed in your fax memo of 4/16/97 have any outstanding drilling or plugging obligations in Arizona. As a result, this letter serves as written permission by the Arizona Oil and Gas Conservation Commission to cancel the referenced bond.

Please advise if we may be of further assistance.

Sincerely,

Steven L. Rauzi  
Oil & Gas Administrator



Texaco Exploration and Production Inc  
Denver Division

P O Box 2100  
Denver CO 80201  
4601 DTC Boulevard  
Denver CO 80237

April 21, 1997

Mr. Steven L. Rauzi  
Arizona Geological Survey  
416 W. Congress, Ste. 100  
Tucson, AZ 85701

Dear Mr. Rauzi:

Thank you for your letter dated April 16, 1997. Texaco does request a release from the INA Oil Drilling Bond No. M126180. Please send a confirmation of release to me. Thank you for your assistance.

Very truly yours,

*Carole L. Newton*

Carole L. Newton  
EH&S/Retained Liabilities  
(303) 793-4705



Fife Symington  
Governor

State of Arizona  
**Arizona Geological Survey**

416 W. Congress, Suite 100  
Tucson, Arizona 85701  
(520) 770-3500



Larry D. Fellows  
Director and State Geologist

April 16, 1997

Ms. Carole Newton  
Texaco  
P.O. Box 2100  
Denver, CO 80201

*430*

Re: Texaco, Inc.  
\$25,000 Oil Drilling Blanket Bond No. M126180  
Insurance Company of North America

Dear Ms. Newton:

Our records show that Texaco maintains the referenced oil drilling blanket bond and that neither Texaco or any of its predecessors-in-interest listed in your fax memo of 4/16/97 have any outstanding drilling or plugging obligations in Arizona. We have no record of written permission by the Arizona Oil and Gas Conservation Commission to terminate liability under the bond.

A copy of the referenced bond; Barton's letter of May 7, 1979; continuation certificate dated April 30, 1981; and Wilder's letter of June 9, 1981 are enclosed for your information and file.

Please advise me at the letterhead address if you have any questions or if Texaco wishes to be released from liability under the bond.

Sincerely,

Steven L. Rauzi  
Oil & Gas Administrator

Enclosures

# FAX

Date 4/16/97

Number of pages including cover sheet 1

TO: AZ O&G Conservation  
Commission



Phone 520-770-3500  
Fax Phone 520-770-3505

FROM: Carole Newton  
Texaco  
P. O. Box 2100  
Denver, CO 80201

Phone (303) 793-4705  
Fax Phone (303) 793-4490

CC:

REMARKS:  Urgent  For your review  Reply ASAP  Please Comment

Do your records show Texaco, Inc., Texaco Exploration & Production, Inc. or Texaco USA (or any of its predecessors-in-interest listed below) as having any blanket, surface, operating or plugging bonds?

1. The Texas Company
2. Dome Petroleum Corp.
3. Tidewater
4. Skelly
5. Getty
6. Seaboard Oil Company
7. Reserve Oil, Inc.
8. Lewis Producing

If so, please list the bond(s) and the amount(s) and what the bond covers. You may respond by fax or send your response to the above mailing address. Thank you for your assistance.



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT  
WEST UNITED STATES  
DENVER DIVISION  
J. C. MENCIN, JR.  
DIVISION LANDMAN

RECEIVED

MAY 10 1979

O & G CONS. COM. L.

TEXACO INC.  
P. O. BOX 2100  
DENVER, COLORADO 80201  
May 7, 1979

SURETY BONDS - ARIZONA  
1.04-A

Oil and Gas Conservation Commission  
1645 West Jefferson, Suite 420  
Phoenix, Arizona 85007

In March 1975, Texaco filed with you a \$25,000.00 surety bond for compliance with the Commission rules and regulations. The Surety named in that bond is the Lumbermens Mutual Casualty Company.

Texaco now desires to file a replacement bond and secure cancellation of the presnet bond due to a change in surety. To accomplish the replacement, enclosed is a new bond with Insurance Company of North America as surety. The bond has been properly executed by an Arizona resident agent.

If the enclosed bond is satisfactory please advise us of its acceptance, and the cancellation of the prior bond.

Very truly yours,

J. C. MENCIN, Jr.

By G. L. Barton  
G. L. Barton  
Supervisor (Land Records)

GLB  
ms

**PERFORMANCE BOND**

KNOW ALL MEN BY THESE PRESENTS

Bond Serial No. M 12 61 80

That we: Texaco Inc., a Delaware Corporation  
of the County of Denver in the State of Colorado  
as principal, and Insurance Company of North America  
of 1050 - 17th Street, Suite 2200, Denver, Colorado 80202  
AUTHORIZED TO DO BUSINESS WITHIN the State of Arizona.

as surety, are held and firmly bound unto the State of Arizona and the Oil and Gas Conservation Commission, hereinafter referred to as the "Commission", in the penal sum of \$25,000.00 lawful money of the United States, for which payment, well and truly to be made, we bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation are that, whereas the above bounden principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State, to-wit:

This is a blanket bond covering all wells drilled by Principal on lands within the State of Arizona

(May be used as blanket bond or for single well)

NOW, THEREFORE, if the above bounden principal shall comply with all the provisions of the Laws of this State and the rules, regulations and orders of the Commission, especially with reference to the requirements of A.R.S. § 27-516, providing for the proper drilling, casing and plugging of said well or wells, and filing with the Oil and Gas Conservation Commission all notices and records required by said Commission, then in the event said well or wells do not produce oil or gas in commercial quantities, or cease to produce oil or gas in commercial quantities, this obligation is void; otherwise it shall remain in full force and effect.

Whenever the principal shall be, and declared by the Oil and Gas Conservation Commission in violation of the Laws of this State and the rules, regulations and orders of the Commission, the surety shall promptly:

1. Remedy the violation by its own efforts, or
2. Obtain a bid or bids for submission to the Commission to remedy the violation, and upon determination by the Commission and the Surety of the lowest responsible bidder, arrange for a contract between such bidder and the Commission, and make available as work progresses sufficient funds to pay the cost of remedying the violation; but not exceeding, including other costs and damages for which the surety may be liable hereunder, the amount set forth in the first paragraph hereof.

Liability under this bond may not be terminated without written permission of this Commission.

WITNESS our hands and seals, this 2nd day of April, 1979

TEXACO INC.

By: J.C. [Signature]  
Agent and Attorney-in-Fact Principal

WITNESS our hands and seals this 2nd day of April, 1979

INSURANCE COMPANY OF NORTH AMERICA

By: Lisa Eacker  
Attorney-in-Fact Surety Lisa Eacker

Surety, Resident Arizona Agent  
If issued in a state other than Arizona

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by assent, power of attorney or other evidence of authority must accompany the bond.)

Approved Date: <u>5-10-79</u>
<b>STATE OF ARIZONA</b>
<b>OIL &amp; GAS CONSERVATION COMMISSION</b>
By: _____

<b>STATE OF ARIZONA</b>
<b>OIL &amp; GAS CONSERVATION COMMISSION</b>
Bond
File Two Copies
Form No. 2

Permit No. \_\_\_\_\_

**TEXACO**  
INC.

PETROLEUM PRODUCTS



P. O. Box 810  
Farmington, New Mexico  
87401

June 5, 1968

NAVAJO TRIBE "BC"  
WELL NO. 1

Oil & Gas Conservation Commission  
Room 202 - 1624 West Adams  
Phoenix, Arizona 85007

Attention: Mr. John Bannister, Executive Secretary

Gentlemen:

Please refer to your form letter of May 21, 1968,  
requesting a letter of acceptance as a water well by the  
Navajo Tribe in lieu of surface plug on the subject well,  
and our reply of May 27, 1968.

Attached is a copy of the acceptance letter which  
is self explanatory.

Yours very truly,

*C. P. Farmer*  
C. P. Farmer  
District Superintendent

CPF-LC



430

THE NAVAJO TRIBE  
WINDOW ROCK, ARIZONA

RAYMOND NAKAI  
CHAIRMAN, Navajo Tribal Council

28 May 1968

NELSON DAMON  
VICE CHAIRMAN, Navajo Tribal Council



Mr. C. P. Farmer  
District Superintendent  
TEXACO INC.  
P. O. Box 810  
Farmington, New Mexico 87401

Re: Navajo Tribe "BC" Well No. 1

Dear Mr. Farmer:

This letter will advise that the tribe will accept the said well and will further develop for range use. We appreciate all information and data relative to said well.

We appreciate your cooperation in this matter.

Thank you.

Sincerely yours,

A handwritten signature in cursive script that reads "Cato M. Sells".

Cato M. Sells  
Superintendent  
Ground Water Development

CMS/lc

430



**TEXACO**  
INC.

PETROLEUM PRODUCTS



P. O. Box 810  
Farmington, New Mexico  
87401

May 27, 1968

NAVAJO TRIBE "BC"  
WELL NO. 1



Oil & Gas Conservation Commission  
Room 202 - 1624 West Adams  
Phoenix, Arizona 85007

Attention: Mr. John Bannister, Executive Secretary

Gentlemen:

Thank you for your letter of May 21, 1968,  
requesting a letter of acceptance as a water well by the  
Navajo Tribe in lieu of surface plug of Texaco's Navajo  
Tribe "BC" Well No. 1, Apache County, Permit 430.

Attached is a copy of a letter we have written  
in connection with your request.

Upon receipt of a reply from the Tribe, we will  
be in a position to advise you of the status of the well.

Yours very truly,

*C. P. Farmer*  
C. P. Farmer  
District Superintendent

CPF-LC

Attachment

#430

**TEXACO**  
INC.

PETROLEUM PRODUCTS



P. O. Box 810  
Farmington, New Mexico  
87401

May 23, 1968

NAVAJO TRIBE "BC" WELL NO. 1

Mr. Cato M. Sells  
The Navajo Tribe  
Window Rock, Arizona 86515

Dear Sir:

Please refer to your letter of October 9, 1967, and our reply of October 17, 1967, concerning the releasing of the subject well to the Navajo Tribe to be used as a water well.

The well location has now been cleaned up and Texaco would like to turn this well over to the Navajo Tribe. Before doing this, we would appreciate a letter of acceptance as a water well from your office. Upon receipt of your acceptance letter, it will be assumed that the Navajo Tribe has taken over operation of this well.

We will appreciate your prompt reply as the Arizona Oil and Gas Commission is anxious to establish the status of this well.

Yours very truly,

C. P. Farmer  
District Superintendent

JFG-LC

#430

**TEXACO**  
INC.

PETROLEUM PRODUCTS



P. O. Box 810  
Farmington, New Mexico  
87401

March 22, 1968

NAVAJO TRIBE "BC" NO. 1

Oil & Gas Conservation Commission  
State of Arizona  
Room 202 - 1624 West Adams  
Phoenix, Arizona 85007

Attention: John Bannister

Gentlemen:

Reference your letter of March 20, 1968. Attached is a copy of a letter from the Navajo Tribe asking for our Navajo Tribe "BC" No. 1 to be used as a water well.

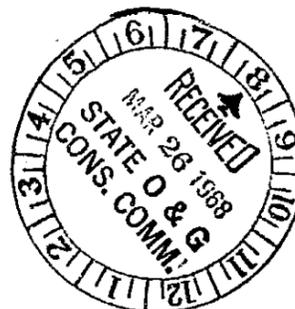
This transaction has not been finalized as of this date. We will forward a copy of the Letter of Acceptance upon receipt of same.

Yours very truly,

C. P. Farmer  
District  
Superintendent

WJK-LC

430



THE NAVAJO TRIBE  
WINDOW ROCK, ARIZONA

RAYMOND NAKAI  
CHAIRMAN, Navajo Tribal Council

NELSON DAMON  
VICE CHAIRMAN, Navajo Tribal Council



October 9, 1967

Mr. Chester P. Farmer  
TEXACO INCORPORATED  
P. O. Box 810  
Farmington, New Mexico

RETURN TO		NOTE	HANDLE
CPF		✓	
HFS			
ECH			

Dear Mr. Farmer:

This is in reference to a Well you recently drilled, located 660 FNL, 1980 FEL, Section 26, T. 7 N., R. 7 W., Apache County, Arizona.

The Navajo Tribe would like to take this well over for Water Well and I am sure water from De Chelly Sand will be suitable for development.

We appreciate your effort in expediting this matter.

Sincerely yours,

Cato M. Sells  
Superintendent  
Ground Water Development

CMS:cas

430



**TEXACO**  
INC.

PETROLEUM PRODUCTS



P. O. Box 810  
Farmington, New Mexico  
87401

March 12, 1968

Texaco #1 Navajo Tribe "BC"  
Apache County, Arizona

Oil & Gas Commission  
State of Arizona  
Room 202, 1624 West Adams  
Phoenix, Arizona

Gentlemen:

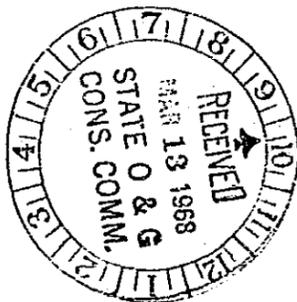
This is to advise that ~~samples~~ on the subject well have been delivered to ~~Four Corners Sample Cut~~. They will send a cut to you just as soon as they can. One of the employes of the Cut has been ill, and this has hampered their operation.

Very truly yours,

*C. W. Spencer*

C. W. Spencer  
District Geologist

rm



430

OFFICE OF  
**Oil and Gas Conservation Commission**  
STATE OF ARIZONA  
ROOM 202  
1824 WEST ADAMS  
Phoenix, Arizona 85007  
PHONE: 271-5161

January 11, 1968

Texaco Inc.  
P.O. Box 810  
Farmington, New Mexico 87401

Attention: Mr. C.P. Farmer, District Superintendent

Gentlemen:

As you are aware, you, as operator, must keep this Commission currently informed as to the progress of any oil or gas well operation anywhere in the State of Arizona and file such data as required or called for by the Commission. For your guidance, a copy of "Forms--when to file" was attached to your permit to drill. For your convenience, a marked copy is enclosed again.

According to our records, the data indicated below has not been submitted. You are requested to submit this data at once in order to bring this operation into compliance with our Rules and Regulations.

<u>Well</u>	<u>Progress Report</u>	<u>Completion Report</u>	<u>Logs</u>	<u>Samples</u>	<u>Other</u>
Texaco #1 Navajo BC				X	

Very truly yours,

John Bannister  
Executive Secretary  
mr  
enc

**TEXACO**  
INC.

PETROLEUM PRODUCTS



P. O. Box 810  
Farmington, New Mexico  
87401

September 15, 1967

TEXACO NAVAJO TRIBE "BC" NO. 1  
NW/NE 26-7N-7W NSM  
Apache County, Arizona

Mr. John Bannister  
Oil & Gas Conservation Commission  
State of Arizona  
1624 West Adams  
Phoenix, Arizona 85007



Dear Mr. Bannister:

Reference is made to your letter of September 6, 1967 requesting the lease number and drilling contractor and his address for the subject well.

The lease number is 14-20-0603-777. Loffland Brothers Company is the drilling contractor and their address is P. O. Box 688, Farmington, New Mexico 87401. In addition, enclosed is a copy of the U.S.G.S. form reporting the spud date and setting of surface casing.

Yours very truly,

*C. P. Farmer*  
C. P. Farmer  
District Superintendent

JFG-LC

Enclosure

430

September 6, 1967

Texaco Inc.  
P.O. Box 818  
Farmington, New Mexico 87401

Attention: Mr. C.P. Farmer, District Superintendent

Re: Texaco #1 Navajo BC  
NW/NE 26-7N-7W NSM, Apache County, Arizona  
Permit 430

Gentlemen:

Enclosed are permit to drill, approved copy of application, and receipt 9518 for the filing fee covering captioned well.

At your earliest convenience will you please furnish the lease number as well as the name and address of your drilling contractor.

Very truly yours,

John Bannister  
Executive Secretary  
nr  
enc

430

**TEXACO**  
INC.

PETROLEUM PRODUCTS



P. O. Box 810  
Farmington, New Mexico  
87401

September 5, 1967

CONFIDENTIAL

NAVAJO TRIBE "BC" WELL NO. 1  
Application to Drill

Oil & Gas Conservation Commission  
Suite 202  
1624 West Adams  
Phoenix, Arizona 85009

Gentlemen:

Attached is our check for \$25.00 for the permit  
to drill the above well.

Would you please sign and return the attached  
voucher to acknowledge receipt of this check. We have  
enclosed an envelope for your convenience in returning  
the voucher to us.

Yours very truly,

*C. P. Farmer*  
C. P. Farmer  
District Superintendent

CPF-LC

Attachment

*Original report dated 1-1-67  
Bond: Traveler's Insurance  
\$83,752.50  
\$25,000*

*Contractor's  
Lease No. ?*

430

