

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.

N00-C-19-20-5431

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe "BS"

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Tocito Dome

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

Sec. 23-T26N-R18W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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

NW 1/4 Sec. 23

At top prod. interval reported below

1980' FSL & 510' FWL, Sec. 23

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1-14-75

16. DATE T.D. REACHED

1-31-75

17. DATE COMPL. (Ready to prod.)

3-20-75

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5672' KB

19. ELEV. CASINGHEAD

5660' Gr.

20. TOTAL DEPTH, MD & TVD

6520'

21. PLUG, BACK T.D., MD & TVD

6495'

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

Surf. to TD

ROTARY TOOLS

CABLE TOOLS

--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Barker Creek

Top 6345'

Bottom 6374'

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IEL, BHC-acousticilog

27. WAS WELL CORED

Yes

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#	73'	17-1/2"	125 sacks	--
9-5/8"	36#	1618'	12-1/4"	500 sacks	--
7"	20#, 23#, 26#	5520'	8-3/4"	300 sacks	--

29. LINER RECORD (Protective)

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	5670'	6485'	125 sx	--	2-7/8"	6350'	

31. PERFORATION RECORD (Interval, size and number)

(See attachment)

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

DEPTH INTERVAL (MD)
See attachment

AMOUNT AND KIND OF MATERIAL USED
See attachment

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
3-20-75	Pumping - 2½" x 2¼" x 26' pump					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-26-75	24	--	→	196	334	85	1704
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
--	--	→	--	--	--	45.0	

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

Sold

TEST WITNESSED BY

A. R. Marx

35. LIST OF ATTACHMENTS

Parts 31 & 32

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

SIGNED

T. Bliss

TITLE **District Superintendent**

DATE

3-26-75

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

USGS (3)

Farmington

OGCC (2)

Aztec

TB

ARM

CGH

The Navajo Tribe

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MARKERS			
FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.			
DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No DST was taken				Todilto			2120'
				Organ Rock			4380'
				Ismay			6000'
Barker Creek 6317'-6349', cut 32', recovered 32'				Desert Creek			6110'
6345'-6405', cut 60', recovered 60'				Akah			6210'
				Barker Creek			6280'

NAVAJO TRIBE "BS" #3
WELL COMPLETION LOG

- 2-6-75 Ran correlation log, perforated interval 6345'-74' with 2 JSPF.
- 2-7-75 Ran packer and set at 6310' KB. Tested tubing to 4500#. Acidized: Pumped 1000 gallons 15% HCl, followed with 1000 gallons water and 1000 gallons unibead-moth ball TDA. Plugged off formation and tubing. Unable to reverse out. Tripped out with tubing and packer.
- 2-8-75 Rigged up Dowell and circulated unibeads out of hole.
- 2-9- to 2-11: Swabbing well.
- 2-12 to 2-13: Well flowed.
- 2-14 Killed well, preparing to run Reda pump.
- 2-15 Began flowing water and mud between 7" and 8-5/8" casing. Ran packer and RBP to 2500', set BP @ 2500', packer failed to hold. Tested casing to 1000# and held OK.
- 2-16 Ran in, caught BP & reset @ 5827'. Tested casing to 750# and held OK.
- 2-17 to 2-18: Retrieving BP with bumper sub and jars.
- 2-19 Trip in with packer, could not get past 5840'. Trip in with 5 1/2" impression block, indicates casing collapsed @ 5840'.
- 2-20 to 2-25: Swedged out collapsed casing 5840'-5870'.
- 2-26 Ran 815' of 5" Hydril liner.
- 2-27 WOC.
- 2-28 Ran in with 6-1/8" bit, tagged cement top @ 5580', drilled out to 5666'.
- 3-1 Drilled and cleaned out to 6485', tested casing with 800# for 15 minutes, no loss in pressure.
- 3-2 Ran correlation log, perforated 6345'-74' with 2 JSPF. Acidized with 2000 gallons 28% HCl in 2 stages. Breakdown 2000#, on vacuum at 7 BPM.
- 3-3 to 3-9: Swabbing well.
- 3-10 Acidized with 4000 gallons 28% HCl, avg press 900 psi @ 10 BPM, ISIP 500#, 5 minutes SIP zero.
- 3-11 to 3-13: Swab testing well.
- 3-14 Pulled tubing and packer, ran production tubing.
- 3-15 Pump plunger stuck.
- 3-16 Stripping out tubing and rods.
- 3-17 Running rods.
- 3-18 Shut down due to high wind.
- 3-20 Placed well on pump.
- 3-26 IP on well: Pumped 24 hours, 196 BO, 85 BW, 334 MCF

