

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.6.

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 $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 27

At top prod. interval reported below

1980' FNL & 1980' FEL, Sec. 27

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-8103

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe "AR"

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Tocito Dome

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

Sec. 27 T26N-R18W

12. COUNTY OR PARISH

13. STATE

San Juan New Mexico

15. DATE SPUDDED

2-16-74

16. DATE T.D. REACHED

3-13-74

17. DATE COMPL. (Ready to prod.)

3-23-74

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

5655' KB

19. ELEV. CASINGHEAD

5641' GR

20. TOTAL DEPTH, MD & TVD

6355'

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

6318'

22. IF MULTIPLE COMPL., HOW MANY*

--

23. INTERVALS DRILLED BY

Surface to TD

ROTARY TOOLS

CABLE TOOLS

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

Barker Creek Top 6189'

Bottom TD

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, BHC-Sonic-GR

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#	108'	17-1/2"	125 sacks	
9-5/8"	36#	1615'	12-1/4"	700 sacks	
7"	23 & 26#	6340'	8-3/4"	300 sacks	
	DV Tool	4311'		800 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"		

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

ACID, SHOT, FRACTURE, CEMENT SOAK, ETC.

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

SEE ATTACHED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3-23-74		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-24-74	24	- -	→	240	758	371	3160
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

W. L. Wilson

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

Tommy Bliss

TITLE

District Superintendent

DATE

May 31, 1974

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

USGS (3)
Farmington

OGCC (2)
Aztec

TB

ARM

CGH

The Navajo Tribe

INSTRUCTIONS

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.

should be listed on this form, see item 35.

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. **Item 18:** **Items 22 and 24:** If this well is completed for separate production from a "b" hole, indicate the "b" hole number.

for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

38. GEOLOGIC MARKERS					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TOP	
				NAME	MEAS. DEPTH
				TRUE VERT. DEPTH	

NAVAJO TRIBE "AR" NO. 5

WELL COMPLETION HISTORY

- 3-20-74 Drilled thru DV tool at 4311' and cleaned out to 6318' KB. Perforated Barker Creek interval 6250-74' with 2 JSPF with pip tags on top and bottom. Ran tubing and packer. Displaced hole with lease crude.
- 3-21-74 Spotted 200 gal 15% BDA across perfs. Shut in 1/2 hr to let soak. Acidized with 4000 gal 28% NE HCl in 3 stages using 300 gal and 450 gal TDA plugs. Displaced with 205 bbls NE water. Maximum pressure 3500#, maximum rate 12 BPM, minimum pressure 0#, minimum rate 5 BPM. ISIP 300#, 5 minutes 0#. Swab tested.
- 3-23-74 Shut-in 15 hrs. Tubing pressure 1000 psi. Flowed 115 BLW and 69 BFO in 8 hrs.
- 4-20-74 Pumped 24 hrs. 115 BO & 361 BW, 2" pump, 240" stroke, 8 SPM.
- 4-24-74 IP: Pumped 24 hrs. 240 BO & 371 BW. GOR 3160, Gravity 45.0 @ 60°. 2" pump at 6283', 240" stroke, 8 SPM.

ELECTRIC LOG TOPS

Dakota	770'	Honaker Trail	5420'
Morrison	995'	Ismay	5889'
Todilto	1999'	Desert Creek	6015'
Entrada	2019'	Akah	6113'
DeChelly	3678'	Barker Creek	6189'
Organ Rock	4292'		

DSTs

No DSTs were taken.

CORES

Core No. 1 Barker Creek 6197-6237' Cut 40' Recovered 40'

Core No. 2 Barker Creek 6237-6297' Cut 60' Recovered 60'



REV. 10-10-64

WILL C. WILSON

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WILL C. WILSON

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