

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NOO-C-14-20-5320

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribe "BR"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Tocito Dome

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

Sec. 3 T25N-R18W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mex.

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

5713' KB

19. ELEV. CASINGHEAD

5699' GR

ROTARY TOOLS

Surface
to TD

CABLE TOOLS

-

25. WAS DIRECTIONAL
SURVEY MADE

No

27. WAS WELL CORED

Yes

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

NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3

At top prod. interval reported below

510' FWL & 1980' FWL, Sec. 3

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

3-16-74

16. DATE T.D. REACHED

4-10-74

17. DATE COMPL. (Ready to prod.)

5-14-74

20. TOTAL DEPTH, MD & TVD

6558'

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

6540'

22. IF MULTIPLE COMPL.,
HOW MANY*

-

23. INTERVALS
DRILLED BY

-

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

Barker Creek Top 6358'
Bottom TD

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, BHC-Sonic-GR

28.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	65#	82'	20"	100 sacks	
9-5/8"	36#	1604'	12-1/4"	700 sacks	
7"	26#	6557'	8-3/4"	300 sacks	

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE					2-7/8"		

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

CONFIDENTIAL

32.

ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
SEE ATTACHED	

JUN 7 1974

OIL CON. COM.
DIST. 3

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5-14-74		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5-22-74	24	- -	→	2	0	18	- -	
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.)								

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

-

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

Tommie Bliss

TITLE

District Superintendent

DATE June 5, 1974

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

USGS (3)
FarmingtonOGCC (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 report is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

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

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

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING

DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

TOP

BOTTOM

FORMATION

38.

GEOLOGIC MARKERS

TOP

NAME

MEAS. DEPTH

TRUE VERT. DEPTH

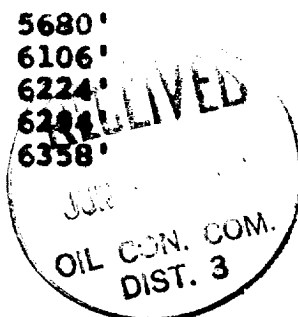
NAVAJO TRIBE "BR" NO. 1

WELL COMPLETION HISTORY

- 4-20-74 Cleaned out to 6340' PBTD. Perforated Barker Creek interval 6465-77' with 2 JSPP.
- 4-21-74 Ran tubing and packer. Spotted acid across perfs 6465-77', soaked 1 hr. Set packer at 6414'. Acidized with 4000 gal 28% NE HCl acid in 3 stages with 2 - 400 TDA unibead plugs. Maximum pressure 4600#, maximum rate 11 BPM, average pressure 3900#, average rate 10 BPM. ISIP 2300#, 15 minutes 2000#. Swab tested.
- 4-22-74 Shut-in 12 hrs, tubing pressure zero. Fluid level 3000', swabbed to 5000'. Recovered 90 BLN & 10 BFO in 10 hrs. 800' fillup per hr between swab runs.
- 5-14-74 Pumped 24 hrs. 23 BLN, 11 BFW & 6 BO.
- 5-22-74 IP: Pumped 24 hrs. 2 BO & 18 BW, 1½" pump @ 6420', 74" stroke, 8 SPM, gravity 45.0 @ 60°.

ELECTRIC LOG TOPS

Dakota	978'	Honaker Trail
Morrison	1255'	Ismay
Todilto	2200'	Desert Creek
Entrada	2212'	Akah
DeChelly	3887'	Barker Creek
Organ Rock	4545'	



DSTs

No DSTs were taken.

CORES

Core No. 1	Barker Creek 6355-6405'	Cut 50'	Recovered 50'
Core No. 2	Barker Creek 6405-6448'	Cut 43'	Recovered 43'
Core No. 3	Barker Creek 6448-6508'	Cut 60'	Recovered 60'
Core No. 4	Barker Creek 6508-6558'	Cut 50'	Recovered 50'

WELL NO. 10

WELL NO. 10 HISTORY

1-1-77 - Drilled out to 6448' - 6450'. Perforated at Barker Creek (interior) (6448-77) with 2 1/2" tubing.

2-1-77 - 2 1/2" tubing and packer. Packer set at 6448' - 6450' and 4000 psi. Soaked 2 hr. Set packer at 6448'. Acidized with 4000 gal. 20% HCl acid in 3 stages with 2 - 400 TWA unibead plugs. Maximum pressure 4000 psi, maximum rate 1.5 BPM, average pressure 3800 psi, average rate 1.5 BPM. TSP 3300, 12 minutes 10000. Swap tested.

4-22-77 - Shut-in 12 hrs, tubing pressure zero. Packer level 3100'. Swapped to 6448'. Recovered to BLM & 10 BPM in 10 hrs. 100% filling per hr between swap runs.

5-11-77 - Pumped 24 hrs. 2.5 BPM, 1.5 BPM & 1.5 BPM.

7-28-77 - 12 hr. Pumped 24 hrs. 2.5 BPM & 1.5 BPM, 1.5 BPM pump to 6448', 77" stroke, 8 BPM, gravity 45.0 to 60.0.

WELL NO. 10 LOG

Depth	Formation	Remarks
6448'	Unconsolidated	Top of well
6447'	Unconsolidated	
6446'	Unconsolidated	
6445'	Unconsolidated	
6444'	Unconsolidated	
6443'	Unconsolidated	
6442'	Unconsolidated	
6441'	Unconsolidated	
6440'	Unconsolidated	
6439'	Unconsolidated	
6438'	Unconsolidated	
6437'	Unconsolidated	
6436'	Unconsolidated	
6435'	Unconsolidated	
6434'	Unconsolidated	
6433'	Unconsolidated	
6432'	Unconsolidated	
6431'	Unconsolidated	
6430'	Unconsolidated	
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6424'	Unconsolidated	
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6422'	Unconsolidated	
6421'	Unconsolidated	
6420'	Unconsolidated	
6419'	Unconsolidated	
6418'	Unconsolidated	
6417'	Unconsolidated	
6416'	Unconsolidated	
6415'	Unconsolidated	
6414'	Unconsolidated	
6413'	Unconsolidated	
6412'	Unconsolidated	
6411'	Unconsolidated	
6410'	Unconsolidated	
6409'	Unconsolidated	
6408'	Unconsolidated	
6407'	Unconsolidated	
6406'	Unconsolidated	
6405'	Unconsolidated	
6404'	Unconsolidated	
6403'	Unconsolidated	
6402'	Unconsolidated	
6401'	Unconsolidated	
6400'	Unconsolidated	
6399'	Unconsolidated	
6398'	Unconsolidated	
6397'	Unconsolidated	
6396'	Unconsolidated	
6395'	Unconsolidated	
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6393'	Unconsolidated	
6392'	Unconsolidated	
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6383'	Unconsolidated	
6382'	Unconsolidated	
6381'	Unconsolidated	
6380'	Unconsolidated	
6379'	Unconsolidated	
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6375'	Unconsolidated	
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6366'	Unconsolidated	
6365'	Unconsolidated	
6364'	Unconsolidated	
6363'	Unconsolidated	
6362'	Unconsolidated	
6361'	Unconsolidated	
6360'	Unconsolidated	
6359'	Unconsolidated	
6358'	Unconsolidated	
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6341'	Unconsolidated	
6340'	Unconsolidated	
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6333'	Unconsolidated	
6332'	Unconsolidated	
6331'	Unconsolidated	
6330'	Unconsolidated	
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6324'	Unconsolidated	
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6311'	Unconsolidated	
6310'	Unconsolidated	
6309'	Unconsolidated	
6308'	Unconsolidated	
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6306'	Unconsolidated	
6305'	Unconsolidated	
6304'	Unconsolidated	
6303'	Unconsolidated	
6302'	Unconsolidated	
6301'	Unconsolidated	
6300'	Unconsolidated	
6299'	Unconsolidated	
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6297'	Unconsolidated	
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6281'	Unconsolidated	
6280'	Unconsolidated	
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6260'	Unconsolidated	
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6039'	Unconsolidated	
6038'	Unconsolidated	
6037'	Unconsolidated	
6036'	Unconsolidated	
6035'	Unconsolidated	
6034'	Unconsolidated	
6033'	Unconsolidated	
6032'	Unconsolidated	
6031'	Unconsolidated	
6030'	Unconsolidated	
6029'	Unconsolidated	
6028'	Unconsolidated	
6027'	Unconsolidated	
6026'	Unconsolidated	
6025'	Unconsolidated	
6024'	Unconsolidated	
6023'	Unconsolidated	
6022'	Unconsolidated	
6021'	Unconsolidated	
6020'	Unconsolidated	
6019'	Unconsolidated	
6018'	Unconsolidated	
6017'	Unconsolidated	
6016'	Unconsolidated	
6015'	Unconsolidated	
6014'	Unconsolidated	
6013'	Unconsolidated	
6012'	Unconsolidated	
6011'	Unconsolidated	
6010'	Unconsolidated	
6009'	Unconsolidated	
6008'	Unconsolidated	
6007'	Unconsolidated	
6006'	Unconsolidated	
6005'	Unconsolidated	
6004'	Unconsolidated	
6003'	Unconsolidated	
6002'	Unconsolidated	
6001'	Unconsolidated	