

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.

14-20-600-3530

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo-Ute M.N.

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo "B"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Many Rocks

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

**Sec. 8, T. 31N, R. 16W
New Mexico**

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

Tidewater Oil Co.

3. ADDRESS OF OPERATOR

Box 1960, Durango, Colo.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **1630' from S.L. & 1630' from W.L. of Sec. 8**At top prod. interval reported below **Max. Deviation less than 3 deg.**

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

9/23/63

16. DATE T.D. REACHED

9/27/63

17. DATE COMPL. (Ready to prod.)

11/2/63

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

5582' DF

19. ELEV. CASINGHEAD

5576'

20. TOTAL DEPTH, MD & TVD

1670 MD

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

1618

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

—0-1670

CABLE TOOLS

-

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

Upper Niobrara - 1490-1496**Basal Niobrara - 1615-1618**

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction-Gamma Ray & Formation Density

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
8-5/8"	22.70	110'	11"	160 Sx	None
4-1/2"	9.50	1666'	6 3/4"	175 Sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 1/8"	1439	

31. PERFORATION RECORD (Interval, size and number)

1490-1496 24 jets
1615-1618 12 jets

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1615-1618	15,000 gals. oil & 190,000 sand
1490-1496	30,240 gals. oil & 90,000 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 11/2/63		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or <i>shut in</i>) Producing	
DATE OF TEST 11/12/63	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 30	WATER—BBL. None		GAS—MCF. None
FLOW. TUBING PRESS.		CASING PRESSURE 200	CALCULATED 24-HOUR RATE →	OIL—BBL. 30	GAS—MCF. None	WATER—BBL. None	OIL GRAVITY-API (CORR.) 40°

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

used for fuel and vented

35. LIST OF ATTACHMENTS

Electric Logs

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

SIGNED

A. J. Treffly

TITLE

Area Supt.

DATE

11/14/63

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

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 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Upper Michenera	1454	1470	Sandstone oil bearing
Basal Michenera	1610	1621	" " " "
Orig. & 3 CC	USGS, Farmington	2cc logs	
6 CC	ENH OCC	Astec	1cc logs ✓
1 CC	Midland		
1 CC	Pile		

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Shales	1454		
Upper Michenera	1454		
Basal Michenera	1610		
Sandstone	1630		