

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 ☐

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 1650' from S.L. & 1650' from W.L. of Sec. 8
At top prod. interval reported below Max. Deviation less than 5 deg.
At total depth

14. PERMIT NO.

DATE ISSUED

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

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"	22.7#	110'	11"	100 Sx	None
4-1/2"	9.5#	1666'	6 3/4"	175 Sx	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	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 & 19000#sand
1490-1496	30,240 gals.oil & 50,000#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 shut-in)
Producing

DATE OF TEST
11/12/63

HOURS TESTED
24

CHOKE SIZE
→

PROD'N. FOR TEST PERIOD
→

OIL—BBL.
30

GAS—MCF.
Too Small to Measure

WATER—BBL.
None

GAS-OIL RATIO
None

FLOW. TUBING PRESS.
204

CASING PRESSURE
→

CALCULATED 24-HOUR RATE
→

OIL—BBL.
30

GAS—MCF.
TSTM

WATER—BBL.
None

OIL GRAVITY-API (CORR.)
40°

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Used for Fuel and Vented

TEST WITNESSED BY

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 E. J. Freffly 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.), 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Upper Niobrara	1454	1470	Sand Stone Oil bearing	Stancos Shale	160		
Basal Niobrara	1610	1621	" " " "	Upper Niobrara	1454		
				Basal Niobrara	1610		
				Sunnstee	1630		
Orig. & 3 CC	USOS, Farmington	- 2cc logs					
6 CC	MM OCC	Astec	1cc logs ✓				
1 CC	Midland						
1 CC	Palo						