

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

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: Tenneco Oil Company

3. ADDRESS OF OPERATOR: Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements):
At surface: 1740' FNL, 1510' FEL
At top prod. interval reported below:
At total depth:

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.: SF-078039

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME: Barnes

9. WELL NO.: 18E

10. FIELD AND POOL, OR WILDCAT: Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 27, T32N, R11W

12. COUNTY OR PARISH: San Juan

13. STATE: NM

15. DATE SPUDDED: 4/11/83

16. DATE T.D. REACHED: 4/20/83

17. DATE COMPL. (Ready to prod.): 5/27/83

18. ELEVATIONS (DF, REB, RT, GR, ETC.): 6519' KB

19. ELEV. CASINGHEAD: 6507'

20. TOTAL DEPTH, MD & TVD: 7930' KB

21. PLUG, BACK T.D., MD & TVD: 7918' KB

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY: 0'-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 6792-7876' KB, Dakota

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: GR/DIL, GR/CDL/Caliper

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
9-5/8"	36#	289' KB	12-1/4"	266 CF C1-B + 2% CaCl ₂ +	1/4#/sx cello-
7"	23#	3915' KB	8-3/4"	1st: 348 CF C1-B + 2% CaCl ₂ + 1/4#/sx celloflake	flake
DV @ 1659' KB				2nd: 423 CF Halite 65:35	POZ + 1/4#/sx

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4-1/2"	3765' KB	7930' KB	(See reverse)	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-1/16"	7810' KB	

31. PERFORATION RECORD (Interval, size and number)

INTERVAL (MD)	HOLES
7728-32' KB	1 JSPF, 34', 34 holes
7766-84' KB	
7829-36' KB	2 JSPF, 22', 44 holes
7861-76' KB	

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6792-7876' KB	1600 gal 15% HCL & 117 1.1 SG ball slrs, 86,000 gal 40# X-L gel w/5% Diesel & 86,600# 20/40 sd.

33. PRODUCTION

DATE FIRST PRODUCTION: 5/3/83

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Flowing

WELL STATUS (Producing or shut-in): Shut-In

DATE OF TEST: 5/27/83

HOURS TESTED: 3

CHOKE SIZE: 3/4"

PROD'N. FOR TEST PERIOD: 163

OIL—BBL.: -

GAS—MCF.: 1306

WATER—BBL.: -

GAS-OIL RATIO: -

FLOW. TUBING PRESS.: 86 psi

CASING PRESSURE: 468 psi

CALCULATED 24-HOUR RATE: -

OIL GRAVITY-API (CORR.): -

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): To be sold

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: Electric logs forwarded by Schlumberger

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

SIGNED: John Orr

TITLE: Production Analyst

DATE: JUN 1 1983

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

*celloflake + 2% CaCl₂ + 1/4#/sx Perlite. Tail w/59 CF C1-B neat + 2% CaCl₂ + 1/4#/sx floc

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.)

4-1/2" liner cementing detail: 500 CF HowcoLite + 1/4#/sx flocele + 10% salt. Tail w/177 CF C1-B + .6% Halad-9 + 1/4#/sx flocele

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				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Ojo Alamo	1380'	1480'	Sand, silt, fresh water	Greenhorn	7597'
Kirtland	1430'	2850'	Shale, silt		
Fruitland	2850'	3285'	Shale, silt, coal		
Pict. Cliffs	3285'	3405'	Sand		
Lewis	3405'	5056'	Shale		
Cliffhouse	5056'	5164'	Sand, silt		
Menefee	5164'	5528'	Silt, shale		
Pt. Lookout	5528'	5858'	Sand, silt, shale		
Mancos	5858'	6870'	Shale		
Gallup	6870'	7570'	Shale, silt		
Graneros	7624'	7690'	Shale		
Dakota	7690'	TD	Sand, silt, shale		

NOTE: All depths expressed in terms of KB