

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.

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 1850' FSL, 800' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

15. DATE SPUDDED 10/3/82 16. DATE T.D. REACHED 10/10/82 17. DATE COMPL. (Ready to prod.) 12/9/82 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6220' KB 19. ELEV. CASINGHEAD 6208' GR

20. TOTAL DEPTH, MD & TVD 7225' KB 21. PLUG, BACK T.D., MD & TVD 7210' KB 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6980-7174' KB Dakota 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DCL, DNCR, Temp Logs, DIF Log, Reservoir Analyses OIL CON. DIV. 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well) DIST. 3
CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED
9-5/8" 36# 310' KB 12-1/4" 354 CF C1-B + 2% CaCl₂ + 1/4#/sx flocele
7" 23# 3350' KB 8-3/4" 1st: 103 CF Econolite + 2% CaCl₂ 1/4#/sx
Stage tool @ 2026' KB flocele, 177 CF C1-B + 2% CaCl₂ + 1/4#/sx
flocele; 2nd: 206 CF Econolite + 2% CaCl₂

29. LINER RECORD 30. TUBING RECORD
SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD)
4-1/2" 3179' KB 7219' KB See reverse 2-3/8" 7063' KB

31. PERFORATION RECORD (Interval, size and number)
6980-96' KB 1 JSPF, (16', 16 holes)
7064-67' KB
7099-7105' KB 7157-58' KB
7128-34' KB 7170-74' KB
7142-44' KB 2 JSPF (22', 44 holes)
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
6980-7174' KB 1300 gal 15% wtd HCL, 93 1.1 SG
ball slrs, 143,000# 20/40 sd,
71,000 gal 30# XL gel

33.* PRODUCTION
DATE FIRST PRODUCTION 11/23/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 12/9/82 HOURS TESTED 3 CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO
174
FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)
90 psi 464 psi 1391

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

35. LIST OF ATTACHMENTS
Electric logs forwarded by Bluejet and Dresser Atlas

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Denise Wilson TITLE Production Analyst DATE December 17, 1982

* (See Instructions and Spaces for Additional Data on Reverse Side)
* + 1/4#/sx flocele, 118 CF C1-B + 2% CaCl₂

NMOCC

FARMINGTON DISTRICT

Joseph Mason

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.)

Cementing detail for 4-1/2" liner: 618 CF econolite + .6% Halad-9, tail w/177 CF CI-B + .6% Halad-9.

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	MEAS. DEPTH	TRUE VERT. DEPTH
Ojo Alamo	1875'	1935'	Sand, shale, fresh water	Greenhorn	6870'	
Kirtland	1935'	2485'	Shale, sand, gas, water			
Fruitland	2485'	2750'	Sand, shale, coal, gas, water			
Pictured Cliffs	2750'	2860'	Sand, shale, gas			
Lewis	2860'	3670'	Shale			
Chacra	3670'	4440'	Sand, shale, gas			
Cliffhouse	4440'	4480'	Sand, shale, gas			
Menefee	4480'	4963'	Sand, shale, coal, gas, water			
Pt. Lookout	4963'	5348'	Sand, shale, gas			
Mancos	5348'	6136'	Shale			
Gallup	6136'	6870'	Shale, sand, silt			
Graneros	6930'	6960'	Shale			
Dakota	6960'	TD	Sand, shale, gas			

NOTE: All depths expressed in terms of KB