

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.

Contract #109

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla B

9. WELL NO.

4E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec 21 T26N R5W

12. COUNTY OR
PARISH

Rio Arriba

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

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, Colorado 80155

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

At surface 940' FSL 880' FEL "P"

At top prod. interval reported below

At total depth

14. PERMIT NO. U.S. GEOLOGICAL SURVEY

DATE ISSUED

15. DATE SPUDDED 10/21/80 16. DATE T.D. REACHED 11/3/80 17. DATE COMPL. (Ready to prod.) 12/5/80 18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 6536' gr 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 7495' 21. PLUG, BACK T.D., MD & TVD 7461' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7146-7442' Dakota 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

CFND, GR/IND. DI/SFL

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#	296'	12 1/4"	275sx CL-B w/ 2 1/2" CAS 2	
4 1/2"	10.5 11.6#	7494'	7-7/8"	1st stg 20bbls mud flush, 20sx B-J Lite w/ 6% gel 2nd stg. 20bbls mud flush 520sx lite 50sx CL-B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7144'	

31. PERFORATION RECORD (Interval, size and number)

7146-54'	7308-10'
7179-81'	7320-28' 2 JSPF
7237-39'	7361-75'
7275-89'	7438-42 55' 110 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7146-7442'	500 gals 7 1/2% DI-HCL 2000 gals 15% HCL-144 balls, 80,000gals 30# XL gel, 80,000# 20/40 sand 80,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 12/5/80 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST 12/5/80 HOURS TESTED 3 hrs CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO Q=1170

FLOW. TUBING PRESS. 75 PSI CASING PRESSURE 410 PSI CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.) AOF=1254

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

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

Carly Watten

TITLE Asst.Div. Adm. Mgr

DATE 12/18/80

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

NM000

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: "Backs 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Kirtland	1382'	1751'	Shale	Greenhorn	6776'	
Fruitland	1751'	2856'	Sand, Shale, Coal			
Pictured Cliffs	2856'	3050'	Sand			
Lewis	3050'	4622'	Shale			
Cliffhouse	4622'	4807'	Sand, water			
Menefee	4807'	5087'	Sand, Water, Coal			
Pt. Lookout	5087'	5350'	Sand, Water			
Upper Mancos	5350'	5800'	Shale			
Gallup	5800'	6537'	Sand			
Lower Mancos	6537'	6898'	Shale, Sand			
Graneros	6898'	7007'	Shale			
Dakota	7007'	TD	Sand, Gas			