

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.

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 1040' FNL, 845' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-077974

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Lodewick

9. WELL NO.

4E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 18, T27N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUNDED

2/19/83

16. DATE T.D. REACHED

3/1/83

17. DATE COMPL. (Ready to prod.)

3/25/83

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

6513' KB

19. ELEV. CASINGHEAD

6501' GR

20. TOTAL DEPTH, MD & TVD

7055' KB

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

7025' KB

22. IF MULTIPLE COMPL., HOW MANY*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0'-TD

CABLE TOOLS

-

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

6830-6994' KB, Dakota

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DCL, DIL/GR, FDC/CNL/GR, Sonic/GR

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#	279' KB	12-1/4"	266 CF C1-B + 2% CaCl ₂ +	1/4#/sx flocele
4-1/2"	11.6#, 10.5#	7055' KB	7-7/8"	1st: 263 CF 65:35 POZ +	6% gel + 1/4# CF/
				sx Perlite + 1/4#/sx flocele. Tail w/177	
Upper DV @	1685' KB, Lower DV @	5114' KB.		CF C1-B. 2nd: 1302 CF 65:35 POZ + 6% gel*	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-1/16"	6900' KB	

31. PERFORATION RECORD (Interval, size and number)

6830-34, 6912-28', 6978-84', 6991-94'
All in terms of KB (29' - 58 holes)
2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6830-6994' KB	1200 gal 15% wtd HCL + 87 1.1 SG ball slrs. Frac w/52,000 gal 70 quality foam KCL water w/20#/gal gel. 118,000# 20/40 sd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/10/83		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/25/83	3	3/4"	→	-	244	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
132 psi	536 psi	→	-	1955	-	-	

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs forwarded by Bluejet and Schlumberger

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

SIGNED

Ken Russell

TITLE

Sr. Production Analyst

DATE

March 28, 1983

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

* + same additive. Tail w/59 CF C1-B. 3rd: 540 CF 65:35 POZ + 6% gel same additives.
Tail w/59 CF C1-B.

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	1540' KB	1625' KB	Sand, shale, fresh water	Greenhorn	6737' KB	
Kirtland	1626' KB	2318' KB	Shale, Sand, gas, water			
Fruitland	2318' KB	2424' KB	Sand, shale, coal, gas, water			
Pict. Cliffs	2424' KB	2560' KB	Sand, shale, gas, water			
Lewis	2560' KB	2984' KB	Shale			
Chacra	2984' KB	4008' KB	Sand, shale, gas, water			
Cliffhouse	4008' KB	4088' KB	Sand, shale, water, gas			
Menefee	4088' KB	4754' KB	Sand, shale, coal, water, gas			
Pt. Lookout	4754' KB	5124' KB	Sand, shale, water, gas			
Mancos	5124' KB	5948' KB	Shale			
Gallup	5948' KB	6737' KB	Shale, sand, silt			
Graneros	6795' KB	6828' KB	Shale			
Dakota	6828' KB	TD	Sand, shale, gas			