

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.

5. LEASE DESIGNATION AND SERIAL NO.

SF-078487

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Dritchard

9. WELL NO.

8E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 4, T29N, R8W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

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, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1090' FSL, 1730' FWL
At top prod. interval reported below
At total depth

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

14. PERMIT NO. 30-045-25465
DATE ISSUED MAR 07 1984

15. DATE SPUDDED 2/1/84
16. DATE T.D. REACHED 2/9/84
17. DATE COMPL. (Ready to prod.) 2/29/84
18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 6439' KB
19. ELEV. CASINGHEAD 6427' GR

20. TOTAL DEPTH, MD & TVD 7635' KB
21. PLUG, BACK T.D., MD & TVD 7630' KB
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7382-7602' KB

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR-DIL: TD-ICP, GR-CDL-Caliper Gearhart

25. WAS DIRECTIONAL SURVEY MADE No

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#	310' KB	12-1/4"	250sx, 275cf CL-B+1/2#/sx Cel	1 of flake + 2% CaCl ₂
7"	23#	3660' KB	8-3/4"	1st stage 75sx, 138cf 65-35-2%CaCl ₂ Tail w/150 sx 177cf +1/2#/sx Flocele 2nd stage 375sx 690 cf *	6+1/2#/sx Flocele

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3499 KB	7635 KB	(See Reverse)		2-3/8"	7445' KB	---

31. PERFORATION RECORD (Interval, size and number)

7382-7412' KB 1 JSP= 42', 42 holes
7550-7556' KB
7596-7602' KB

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7382-7602' KB	Acidize w/900 gal 15% wgtd HCL, Frac w/106,000 gal 30# X-L gel & 208,000# 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)
2/14/84	Flowing	Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/29/84	3 hrs.	3/4"	→		494		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
272 PSI	1006 PSI	→		3953		

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

35. LIST OF ATTACHMENTS
Logs to be forwarded by Gearhart

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

SIGNED Scott McKimoy TITLE Sr. Prod. Analyst DATE 3/2/84

ACCEPTED FOR RECORD
MAR 09 1984

*(See Instructions and Spaces for Additional Data on Reverse Side)
*65-35-6+2% CaCl₂+1/2#/sx Flocele. Tail w/50 sx, 59cf CL-B+2% CaCl₂+1/2#/sx Flocele
BY Sm

NMOCC

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 Cementing Detail: 325 sx, 598 cf 65-35-6+ 2% CaCl₂ + 1/4#/sx Flocele. Tail w/150 sx, 177cf CL-B+ 2% CaCl₂ + 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.
Ojo Alamo	2040'	2216'	Sandstone & Siltstone
Kirkland	2216'	2810'	Shale w/siltstone
Fruitland	2810'	3140'	Siltstone w/Coal Beds
Pictured Cliff	3140'	3330'	Sandstone
Lewis	3330'	4100'	Shale
Chacra	4100'	4720'	Shale
Cliffhouse	4720'	4880'	Sandstone w/Siltstone
Menefee	4880'	5290'	Siltstone & Shale
Point Lookout	5290'	5590'	Sandstone, Siltstone & Shale
Mancos	5590'	6548'	Shale
Gallup	6548'	7278'	Shale, Siltstone
Graneros	7337'	7380'	Shale
Dakota	7380'	TD	Sandstone, Siltstone, Shale & Gas

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Greenhorn	7278'	