

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.

SF-078144

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blanco Com /

9. WELL NO.

121A

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 2, T30N, R11W

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 1120' FSL, 950' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

30-045-2544

15. DATE SPUDDED 12/12/83 16. DATE T.D. REACHED 12/24/83 17. DATE COMPL. (Ready to prod.) 01/31/84 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5863' KB 19. ELEV. CASINGHEAD 5875' KB

20. TOTAL DEPTH, MD & TVD 7030' KB 21. PLUG, BACK T.D., MD & TVD 6956' KB 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY → 0'-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4685' - 4816' KB Mesaverde 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-SP-DIL, GR-CDL-CNL-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#	318.6' KB	12-1/4"	244 cf CL-B 2% CaCl ₂ + 1/4#/sx	Flocele
7"	23#	7030' KB	8-3/4"	1st stage -263 cf 65/35 POZ+6% gel 1/4#/sx	
				Celoflake, Tail w/177 cf CL-B+5% D-60	
				*2nd stage-673 cf 65/35 POZ+ 6% gel 1/4#/sx	
DV @ 5224' & 1324' KB					

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4712'	4870'

31. PERFORATION RECORD (Interval, size and number)

4685'-4701' KB 4794'-4797' KB Total 63'
4716'-4739' KB 4806'-4816' KB 126 holes
4745'-4748' KB
4766'-4770' KB 2 JSPF
4786'-4790' KB

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4685-4816'	Acidize w/2500 gal 15% wgt d HCL. Frac w/147,000 gal 1% KCL. w/stick wtd & 158,000# 20/40 sd.

33.* PRODUCTION ** See Reverse**

DATE FIRST PRODUCTION 01/12/84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-in

DATE OF TEST 01/31/84 HOURS TESTED 3 CHOKE SIZE 3/4" PROD'N. FOR TEST PERIOD → OIL—BBL. GAS—MCF. 570 WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 309 PSI CASING PRESSURE 683 psi CALCULATED 24-HOUR RATE → OIL—BBL. GAS—MCF. 4560 WATER—BBL. OIL GRAVITY-API (CORR.)

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Log 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 McKenney

TITLE

Sr. Production Analyst

DATE

FEB 1 2/8/84

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

*Celoflake, Tail w/59 cf CL-B+1/4#/sx Celoflake, 3rd stage 272 cf 65/35 POZ+ 6% gel +1/4#/sx
Celoflake + 2% CaCl₂. Tail w/59 cf CL-B+1/4#/sx Celoflake.

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.)

**** Squeezed DV tool w/59 cf CL-B cmt + 2% CaCl₂ and 59 cf CL-B + 2% CaCl₂ + .5% D60.**

**** Perfed for sqz 1 JSPF 4570-75' (5 holes). Sqzd w/236 cf CL-B, resqueezed w/236 cf CL-B.**

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	1010'	1092'	Sand, Freshwater	Greenhorn	6684'	
Kirkland	1092'	2100'	Sand, Shale, Water			
Fruitland	2100'	2398'	Sand, Shale, Coal, Gas, Water			
Pictured Cliff	2398'	2532'	Sand, Shale, Gas			
Lewis	2532'	4020'	Shale			
Cliffhouse	4020'	4193'	Sand, Shale, Water, Gas			
Menefee	4193'	4683'	Sand, Shale, Coal			
Point Lookout	4683'	4981'	Sand, Shale, Gas			
Mancos	4981'	5950'	Shale			
Gallup	5950'	6684'	Sand, Shale, Oil, Water			
Graneros	6746'	6798'	Shale			
Dakota	6798'	TD	Sand, Shale, Gas			

NOTE: All terms expressed in ink.