

CORRECTED 2/3/89
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078051

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Neil LS

9. WELL NO.

88R

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

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

Sec. 4, T31N, 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. REVR. ☐ Other _____

2. NAME OF OPERATOR

Tenneco Oil E&P

3. ADDRESS OF OPERATOR

6162 S. Willow Drive, Englewood, CO 80111

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

At surface

At top prod. interval reported below 2055' FNL, 885' FEL

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE STUDDED

8/17/88

16. DATE T.D. REACHED

8/25/88

17. DATE COMPL. (Ready to prod.)

9/30/88

18. ELEVATIONS (OF RKB, RT, GR, ETC.)*

6162' GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

5559'

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0 - TD

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

Point Lookout 5062' - 5404'

Chacra & Menefer 4380' - 4990'

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL, CDL - GR, DDL - GR, GR-CCL-FR

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#	260'	12 1/4"	236 ft ³ CLASS B. Top 300'	
7"	23#	3262'	8 3/4"	682 ft ³ 65/85+215ft ³ CL-B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3087	5509	500ft ³		2 3/8	5253'	
			325SX				

31. PERFORATION RECORD (Interval, size and number)

5062' - 5404' 2 JSPF, 110', 220 Holes

4380' - 4990' 2 JSPF, 157', 314 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5062 - 5404	3163 BBLS H ₂ O 128,000#20/40 Sand 2800 Gal 7.5% HCL
4380 - 4990	4930 BBLS H ₂ O 194,000#20/40 Sand 4000 Gal 7.5% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
10/18/88		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKES SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/18/88	3	3/4	→		182		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL—GAS RATIO	
96	398	→		1452			

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

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED Steve Foster

TITLE Sr. Administrative Analyst

DATE 2/3/89

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

RECEIVED
FEB 13 1989
OIL CON. DIV.
DIST. 3

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
Nacimient	Surf	1355'				
McDermott	1355'	2213'				
Kirtland	2213'	2440'				
Fruitland	2440'	2834'				
Pictured Cliffs	2834'	3004'				
Lewis	3004'	4572'				
Cliffhouse	4572'	4674'				
Menefee	4674'	5134'				
Pt. Lookout	5134'	5420'				
Mancos	5420'					

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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. REVR. ☐ 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 any State requirements)*
At surface
At top prod. interval reported below } 2055' FNL 885' FEL
At total depth

14. PERMIT NO. 30-045-26956
DATE ISSUED

15. DATE SPUDDED 8/17/88
16. DATE T.D. REACHED 8/25/88
17. DATE COMPL. (Ready to prod.) 9/30/88
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6162' GL
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5559'
21. PLUG, BACK T.D., MD & TVD
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)*
Point Lookout 5062'-5404'
Chacra & Menefee 4380'-4990'
25. WAS DIRECTIONAL SURVEY MADE no

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIL; CDL-GR; DDL-GR; GR-CCL-FR
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#	260'	12-1/4	236ft ³ C1 B + 195ft ³	✓ 11/21
7"	23#	3262'	8-3/4	65/35 + 123ft ³ C1 B	✓

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3087'	5509'	210sx(352ft ³)	65/35/6	2 3/8	5253'	
			+ 125sx(148ft ³)	C1 B			

31. PERFORATION RECORD (Interval, size and number)
5062'-5404' 2 JSPF 110'-220 holes
4380'-4990' 2 JSPF 157'-314 holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5062'-5404'	3163bbls s water 128,000# 20/40 s 2800gal 7 1/2% wtd HCl
4380'-4990'	4000gal 7 1/2% HCl. 4930bbls s water 194,000# 20/40 sd.

33.* PRODUCTION
DATE FIRST PRODUCTION 1/18/88
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing
WELL STATUS (Producing or shut-in) shut-in

DATE OF TEST 10/18/88
HOURS TESTED 3
CHOKE SIZE 3/4"
PROD'N. FOR TEST PERIOD
OIL—BBL. 182
GAS—MCF. 1452
WATER—BBL.
OIL GRAVITY-API (CORR.)
FLOW. TUBING PRESS. 96
CASING PRESSURE 398
CALCULATED 24-HOUR RATE
OIL—BBL.
GAS—MCF.
WATER—BBL.

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented
TEST WITNESSED BY NOV 23 1988

35. LIST OF ATTACHMENTS

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

SIGNED W. C. Campbell TITLE Sr. Administrative Analyst DATE 11/15/88

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCC

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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Nacimientos	Surface	1355'	
Tertiary - Cretaceous Boundary		1355'	
McDermott	1355'	2213'	
(Ojo Alamo absent)			
Kirtland	2213'	2440'	
Fruitland	2440'	2834'	
Picture Cliff	2834'	3004'	
Lewis	3004'	4572'	
Cliffhouse	4572'	4674'	
Menefee	4674'	5134'	
Point Lookout	5134'	5420'	
Mancos	5420'		