

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

N. Oil Co.
1980
Form approved
Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
LC 031695B

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐
1b. TYPE OF COMPLETION: NEW ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR
CONOCO, INC.

3. ADDRESS OF OPERATOR (915) 684-6381
10 Desta Dr., Suite 100W, Midland, Texas 79705-4500 (915) 686-5424

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1980 FSL & 660 FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED
2-20-97

15. Date Spudded 3-21-97 16. Date T.D. Reached 3-30-97 17. DATE COMPL (Ready to prod.) 5-5-97 18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3538' GR

20. TOTAL DEPTH, MD & TVD 4750' 21. PLUG, BACK T.D., MD & TVD 4701' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)*
Lower San Andres zone from 4518-4548, 4486-90, 4599-4604'

26. TYPE ELECTRIC AND OTHER LOGS RUN
GR CCL CBL

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
8 5/8"	23#	455'	12 1/4"	350 sx Cl C	NONE
5 1/2"	15.5#	4750'	7 7/8"	1060 sx Cl C	NONE

29. LINER RECORD

Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	4456'	

31. PERFORATION RECORD (Interval, size and number)

4486-4490', 4518-4548', 4599-4604' 4 SPF

32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.

DEPTH INTERVAL (MD)	AMT. AND KIND OF MATERIAL USED
4599-4604'	6550 gals Aqua frac & 13,500# 16/30 Ottawa Sand
4518-4548'	7180 gals & 14,200# 16/30 Ottawa Sand
4486-4490'	8400 gals Aqua Frac & 18,000# 16/30 O. Sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or)				
5-5-97	pumping	PRODUCING				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS-OIL RATIO
5-14-97	24		TEST PERIOD 39	58	70	1487
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY-API (CORR.)
	45					

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

TEST WITNESSED BY

ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS
Logs & deviation

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
915 684-6381

SIGNED

TITLE Ann E. Ritchie, Regulatory Agent

DATE 6-4-97

*(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.

DISTR: BLM(6) NMOC(1)

RECEIVED

JUL 23 97

BLM
ROSWELL, NM

7-17-97

Conoco, Inc.

Warren Unit

Well #137

Sec 27, T20S, R38E

Tops from Warren Unit #122
Lea County, NM

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):

FORMATION

TOP

BOTTOM

DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE
VERT. DEPTH

No open hole logs

Queen
Penrose
Grayburg
San Andres
Glorieta
Blinberry Mkr
Tubb
Drinkard

3525
3600
3857
4080
5362
5830
6334
6585'

23
-112
-309
-532
-1814
-2282
-2786
-3037