

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Co.
P.O. BOX 1980
Hobbs, NM 88241
SUBMIT IN DUPLICATE Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		5. LEASE DESIGNATION AND SERIAL NO. LC 031695B	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CONOCO INC.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 10 Desta Dr., Suite 100, Midland, TX 79705 (915) 684-6381 (915) 686-5424		8. FARM OR LEASE NAME Warren Unit Well #137	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 580' FSL & 660' FWL At top prod. interval reported below At total depth		9. API WELL NO. 30 025 33856	
14. PERMIT NO. DATE ISSUED		10. FIELD AND POOL, OR WILDCAT Warren Grayburg SA	
15. Date Spudded 3-31-97		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 27, T20S, R38E	
16. Date T.D. Reached 4-22-97		12. COUNTY OR PARISH LEA	
17. DATE COMPL. (Ready to prod.) 6-13-97		13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 4750'		21. PLUG, BACK T.D., MD & TVD 4702'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD & TVD)* 4458-62, 90-94, 4509-13, 18-22, 66-76, Lower San Andres w/ 1 SPF		25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR/CCL		27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	23#	435'	12 1/4"
5 1/2"	15.5#	4750'	7 7/8"
29. LINER RECORD			
Size	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
Size	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	4400'		
31. PERFORATION RECORD (Interval, size and number)			
1 SPF from 4458-62, 90-94, 4509-13, 18-22, 66-76 Lower San Andres			
32. ACID, SHOT, FRAC., CEMENT SQUEEZE, Etc.			
DEPTH INTERVAL (MD)		AMT. AND KIND OF MATERIAL USED	
4458-4576'		3500 gals 15% NEPE HCL	
		25,500 gals Spectra G 3500	
		69,000# 16/30 Ottawa Sand	
		16,000# SLC RCS	
33. PRODUCTION			
DATE FIRST PRODUCTION 6-13-97		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping	
DATE OF TEST 6-19-97		WELL STATUS (Producing or PRODUCING)	
HOURS TESTED 24		CHOKE SIZE	
FLOW. TUBING PRESS. 37		PROD'N. FOR TEST PERIOD	
CASING PRESSURE 37		OIL - BBL 112	
CALCULATED 24-HOUR RATE		GAS - MCF. 69	
34. DISPOSITION OF GAS SALES (Sold, used for fuel, vented, etc.)		WATER - BBL 122	
		GAS-OIL RATIO 616	
35. LIST OF ATTACHMENTS Logs & Deviation report		OIL GRAVITY-API (CORR.)	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records Ann E. Ritchie, SIGNED TITLE REGULATORY AGENT		TEST WITNESSED BY ACCEPTED FOR RECORD JUL 20 1997 DATE 6-27-97	

*(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)

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BLM
ROSWELL, 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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	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

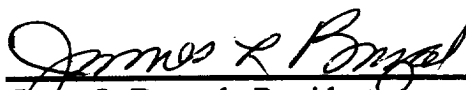
Conoco
P.O. Box 953
Midland, Texas 79702

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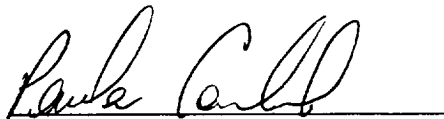
Warren Unit #137
Lea Co., NM

435	4.35	3/4	1.31	5.71	5.71
935	5.00	1	1.75	8.75	14.46
1435	5.00	1/2	0.88	4.38	18.83
1935	5.00	1 1/2	2.63	13.13	31.96
2185	2.50	2	3.50	8.75	40.71
2445	2.60	2 1/4	3.94	10.24	50.95
2750	3.05	1 1/4	2.19	6.67	57.62
3250	5.00	1	1.75	8.75	66.37
3738	4.88	1 1/2	2.63	12.81	79.18
4250	5.12	1/2	0.88	4.48	83.66


James L. Brazeal - President

The attached instrument was acknowledged before me on the 15th day of Apr, 1997 by James L. Brazeal - President., Brazeal Inc. d/b/a CapStar Drilling




Notary Public