

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division
S. 1st Street
Artesia, NM 88210-2834
Approved by: _____
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 _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
St. Mary Land & Exploration Co. c/o Nance Petroleum

3. ADDRESS OF OPERATOR
PO Box 7168 Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface 850' FNL & 1500' FWL

At top prod. interval reported below same as above

At total depth same as above

14. PERMIT NO. _____ DATE ISSUED 11/03/99

15. DATE SPUDDED 12/11/99 16. DATE T.D. REACHED 12/21/99 17. DATE COMPL. (Ready to prod.) 1/21/00

18. ELEVATIONS (OF. RKB, RT, GR, ETC.) * 2936' GR 2952.6' KB
20. TOTAL DEPTH, MD & TVD 5115' MD 21. PLUG, BACK T.D., MD & TVD 5080' MD

22. IF MULTIPLE COMPL., HOW MANY? _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4816 - 4974' Delaware (MD)

25. TYPE ELECTRIC AND OTHER LOGS RUN Litho-Density CNL/GR; Azimuthal Laterolog Micro-CFL/GR; CMR; CBL; Spectrascan

26. 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	24	562	12 1/4	490 sx "C" - surface	
5 1/2	15.5	5111	7 7/8	935 sx "C" - surface	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	4766	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4816 - 4817, .4", 4 holes	4986 - 4898, .4", 10 holes	4973 - 4974, .4", 4 holes	(ORIG. SGD.) GARY GOURLEY	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				4816 - 4974	Acidize w/3000g 7 1/2% HCl
					Frac w/66,990g gel & 119260#
					Ottawa sand

33. PRODUCTION							
DATE FIRST PRODUCTION 1/25/00		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1 1/2" rod pump				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2/18/00	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 18	GAS—MCF. 30	WATER—BBL. 207	GAS-OIL RATIO 1667
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 18	GAS—MCF. 30	WATER—BBL. 207	OIL GRAVITY-API (CORR.) 1667	

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

35. LIST OF ATTACHMENTS

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

SIGNED Habib R. Shockey TITLE Operations Engineer DATE 3/10/00

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

17. 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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
RECEIVED 2000 MAR 16 A 9 14 BUREAU OF LAND MGMT. ROSWELL OFFICE				Rustler	952	
				Salt	1856	
				Lamar	2670	
				Bell Canyon	2694	
				Cherry Canyon	3600	
				Brushy Canyon	4268	
				Rustler Bluff	4611	
				Canyons Sand	4870	
				Gemstone	4964	