

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED
DMB NO. 1004-0137
Expires: February 28, 1995LEASE DESIGNATION AND SERIAL NO.
NM-54865

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other ☐	
2. NAME OF OPERATOR St. Mary Land & Exploration Company c/o Coastal Management Corporation			
3. ADDRESS AND TELEPHONE NO. P.O. Box 2726, Midland, Texas 79702-2726 915-688-0700			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1330' FNL & 180' FEL, Unit Letter H At top prod. interval reported below Same At total depth Same			
14. PERMIT NO.		DATE ISSUED 12/15/97	
15. DATE SPUDDED 2/16/98		16. DATE T.D. REACHED 2/25/98	
17. DATE COMPL. (Ready to prod.) 3/9/98		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) 3350' DF	
19. ELEV. CASINGHEAD 3338' GL		20. TOTAL DEPTH, MD & TVD 4400'	
21. PLUG, BACK T.D., MD & TVD 4382'		22. IF MULTIPLE COMPL., HOW MANY?	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4260'-4364' Delaware	
25. WAS DIRECTIONAL SURVEY MADE Yes (copy attached)		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/Grade		Weight, lb./ft.	
13-3/8"		48#	
9-5/8"		36#	
7"		20#	
4-1/2"		11.6#	
Depth Set (MD)		Hole Size	
315'		17-1/2"	
1520'		12-1/4"	
2989'		8-3/4"	
4400'		6-1/4"	
Top of Cement, Cementing Record		Amount Pulled	
660 SX			
1075 SX			
625 SX			
300 SX		TOC @ 1870'	
29. LINER RECORD		30. TUBING RECORD	
Size		Size	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		SCREEN (MD)	
2-3/8"		4510'	
4510'			
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4260'-65' (7 Holes)		4324'-29' (6 Holes)	
4271'-80' (10 Holes)		4332'-38' (7 Holes)	
4284'-97' (9 Holes)		4340'-46' (7 Holes)	
4298'-4302' (5 Holes)		4353'-64' (12 Holes)	
4308'-18' (11 Holes)			
33. PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Injection	
WELL STATUS (Producing or shut-in) Active - Injector		TEST WITNESSED BY	
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BBL.		GAS—MCF.	
WATER—BBL.		GAS-OIL RATIO	
FLOW, TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
35. LIST OF ATTACHMENTS Deviation Survey		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <i>[Signature]</i>		TITLE Regulatory Coordinator	
DATE 3/12/98			

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

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