

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☐	GAS WELL ☐	DRY ☐	Other ☒ Injection Well										
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. REMVR ☐	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 1350' FSL and 2520' FEL, Unit Letter J At top prod. interval reported below 4160'-4278' Delaware At total depth 4400'									
14. PERMIT NO.				DATE ISSUED 12/15/97											
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
1/01/98		1/14/98		1/30/98		3328' DF									
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*							
4400'		4360'		NA		X		4160'-4278' Delaware							
25. WAS DIRECTIONAL SURVEY MADE								Yes (copy attached)							
26. TYPE ELECTRIC AND OTHER LOGS RUN LDCN/GR, ALM/GR								27. WAS WELL CORRED No							
28. CASING RECORD (Report all strings set in well)															
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED					
13-3/8"		48#		359'		17-1/2"		350 SX		Circ.					
9-5/8"		36#		1480'		12-1/4"		560 SX		Circ.					
7"		20#		3000'		8-3/4"		700 SX		Circ.					
4-1/2"		11.6#		4400'		6-1/4"		200 SX		TOC @ 2100'					
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"		4097'		4097'	
31. PERFORATION RECORD (Interval, size and number)						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.									
4160'-4278', 1 SPF						DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
						4160'-4278'		2500 gals 15% NeFe							
33. PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)							
		Injection													
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		WATER—BBL.		GAS—OIL RATIO			
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		WATER—BBL.		OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						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		TITLE				DATE									
[Signature]		Regulatory Coordinator				2/26/98									

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH