

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-9016

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Inca Federal

9. API WELL NO.

8

10. FIELD AND POOL, OR WILDCAT

Young Queen

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Section 17, T18S, R32E

12. COUNTY OR  
PARISH

Lea

13. STATE

NM

## 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. GENVR. ☐ 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 915-688-0700

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

1943' FWL and 1980' FNL, Unit Letter F

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

2/19/88

15. DATE SPUDDED 3/26/88 16. DATE T.D. REACHED 4/15/88 17. DATE COMPL. (Ready to prod.) 12/16/90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3774.5' KB 19. ELEV. CASINGHEAD 3760' GL

20. TOTAL DEPTH, MD &amp; TVD 9300' 21. PLUG BACK T.D., MD &amp; TVD CIBP @ 4300' 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 AND TVD)\*

3766-72, 3758-62, 3746-50

Queen Zone

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Original Drill: CNL-LDT-GR Calip, DLL/MSFL, EPT

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#	486'	17-1/2"	440 sx circ	
8-5/8"	24#	2399'	12-1/4"	800 sx circ	
5-1/2"	15.5# & 17#	9284'	7-7/8"	2070 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	3652'	3652'

31. PERFORATION RECORD (Interval, size and number)

3766'-72' (14 Holes)

3758'-62' (10 Holes)

3746'-50' (10 Holes)

acs

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3746'-72'	1500 Gals 7-1/2% NeFe Acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4/29/98		Pumping 2" x 16' RWBC CMC205 Pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
4/23/98	24		→	8	10	60	1250
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
		→					

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

Sold

TEST WITNESSED BY

35. REMARKS:

CIBP @ 8290' &amp; cmt to 8255'. Set CIBP @ 6390' &amp; cmt to 6290'. Set CIBP @ 4300' &amp; cmt to 4265'

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

SIGNED

TITLE Regulatory Coordinator

DATE 6/3/98

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

### 38. GEOLOGIC MARKERS

English -