

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
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 ☐

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 Corp.

3. ADDRESS OF OPERATOR

P.O. Box 7168, Billings, MT 59103-7168

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

At surface

990' FNL & 330' FWL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

30-025-35679

DATE ISSUED

8/27/01

15. DATE SPUDDED

10/3/01

16. DATE T.D. REACHED

10/12/01

17. DATE COMPL. (Ready to prod.)

11/29/01

18. ELEVATIONS (OF, RKB, RT, GR, ETC.)*

3761' RKB

19. ELEV. CASINGHEAD

3753'

20. TOTAL DEPTH, MD & TVD

3977'

21. PLUG, BACK T.D., MD & TVD

3922

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

0-3977

CABLE TOOLS

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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3725 - 3732 Queen

25. WAS DIRECTIONAL SURVEY MADE

Y

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger Platform Express; Computalog GR/CCL/CBL

27. WAS WELL CORED

N

28. 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	1064	12 1/4	500 Sx - Circ. to surf	--
5 1/2	17	3977	7 7/8	950 Sx - Circ. to surf	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	3765	

31. PERFORATION RECORD (Interval, size and number)

3725-3732', .32", 42 (6 spf)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3725-3732	Frac w/36,580g XL gel & 65000# 20/40 sand (resin coated)

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
12/1/01		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12/15/01	24		→	37	15	25	405
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	37	15	25		

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

Sold

TEST WITNESSED BY

Jackie Herron-Pumper

35. LIST OF ATTACHMENTS

OH & CH logs, deviation survey, C-104

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

SIGNED

Herbert R. Thackeray

TITLE

Operations Engineer

DATE

12/20/01

*(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.
Queen	3699	3750	Oil & Gas

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH