

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil & Gas Division

1625 N. French Dr.

Hobbs, NM 88240

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other						5. Lease Serial No. NM-9016			
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator St. Mary Land & Exploration - c/o Nance Petroleum Corporation						7. Unit or CA Agreement Name and No.			
3. Address P. O. Box 7168 - Billings, MT 59103				3a. Phone No. (include area code) (406)245-6248		8. Lease Name and Well No. Inca Federal #5			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 1695' FNL & 470' FWL UL:E At top prod. interval reported below Same At total depth Same						9. API Well No. 30-025-35229 S/			
						10. Field and Pool, or Exploratory Shugart Y-SR-Q-GB			
						11. Sec., T., R., M., on Block and Survey or Area Sec 19-T18S-R32E			
14. Date Spudded 11/18/00		15. Date T.D. Reached 11/27/00		16. Date Completed ☐ D & A ☒ Ready to Prod. 12/31/00		12. County or Parish Lea		13. State NM	
18. Total Depth: MD 4450' TVD 4450'		19. Plug Back T.D.: MD 4393 TVD 4393		20. Depth Bridge Plug Set: MD TVD		17. Elevations (DF, RKB, RT, GL)* 3725.5 RKB			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Litho Density/CNL/GR, LL/MCFL/GR CBL/GR/CCL						22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4	8 5/8 J	24	0	883		540 PP	129	Surface	
7 7/8	5 1/2 J	15.5	0	4450		1025 c.H	405	Surface	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8	3846								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Penrose		3774	3805	3794-3800		.35	36	Open	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
3794-3800		Frac w/31,710 gal XL gel & 55320# 20/40 sand & 16080# RC 20/40 sand							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/31	1/12	24	→	30	20	14			Rod Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→	30	20	14	667	Producing	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)