

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOil Cons.  
N.M. Div-Dist. 2  
1301 W. Grand Avenue  
Artesia, NM 88210FORM APPROVED  
OMB No. 1004-0135  
Expires: January 31, 2004**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on reverse side**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

ST. MARY LAND &amp; EXPLORATION

## 3a. Address

PO BOX 7168 BILLINGS, MT 59103

## 3b. Phone No. (include area code)

(406) 245-6248

## 4. Location of Well (Footage, Sec., T, R., M., or Survey Description)

1870' FSL &amp; 1480' FEL UL: J

SEC. 35 - T19S - R29E

## 5. Lease Serial No.

NM - 24160

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA/Agreement, Name and/or No.

PARKWAY DELAWARE UNIT

## 8. Well Name and No.

PDU # 510

## 9. API Well No.

30-015-33072

## 10. Field and Pool, or Exploratory Area

PARKWAY DELAWARE

## 11. County or Parish, State

EDDY, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud, Surface & Int.
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Casing, Cement Details
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

3. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

11/28/03 Spudded 17 1/2" surface hole at 11:30 am.

11/29-30/03 Ran 13 3/8" 48# H-40 STC surface casing as follows:

Texas Pattern Shoe, 1 jt csg, Float Insert, 7 jts. casing. Set at 341'.

Cement with 250 sx H+ 10%A-10 + .25#CF + 1% CaCl<sub>2</sub> + 10# LCM lead and 400 sx "C" + 2% CaCl tail. Did not circulate cement.

Temp Survey TOC = 193'. Cement 3 stages with 1", total 150 sx "C" + 3% CaCl, to 78'. Cement to surface with 8 yds ready mix.

12/5-6/03 Ran 8 5/8" intermediate casing as follows:

FS (1'); 1 jt 32# J-55 STC (44.42'); FC (1.35') 17 jts 32# J55 STC (757.76'); 18 jts. 24# J55 STC (812.35') Pkr-DV tool (18.5'); 35 jts 24# J55 STC (1577.95'). Shoe set at 3200'.

Cement 1st stage with 350 sx 50:50:10 + 5#salt + 1/4#CF + .4%SMS +5#LCM1 lead and 200sx "C" +2% CaCl tail.

Drop bomb and open DV. Did not circulate cement on first stage.

Cement 2nd stage with 800 sx 50:50:10 + 5#salt + 1/4#CF + .4%SMS +5#LCM1 lead and 100sx "C" +2% CaCl tail.

Circulated 220 sx to surface.

## 14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

HERB THACKERAY

Title OPERATIONS ENGINEER

Signature



Date 12/19/03

ACCEPTED FOR RECORD

DEC 30 2003

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

## Approved by (Signature)

Name  
(Printed/Typed)

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or any matter within its jurisdiction.

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