

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD, Artesia

FORM APPROVED  
OMB No 1004-0137  
Expires: March 31, 2007

## 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 ☐ Other2. Name of Operator  
St. Mary Land & Exploration Co.3a. Address 3b. Phone No. (include area code)  
3300 N. A Street, Bldg. 7, Ste. 200 Midland, TX 79701 (832) 688-1789

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

Sec. 35 - T-19S-R29E  
1700' FSL & 2630' FEL (UL:J)

5. Lease Serial No

6. If Indian, Allottee or Tribe Name

7. If Unit or C/A Agreement Name and/or No.  
NM88491X8. Well Name and No.  
PDU #5139. API Well No.  
30-015-3371410. Field and Pool, or Exploratory Area  
Parkway, Delaware11. County or Parish, State  
Eddy Co.  
New Mexico

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input checked="" type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

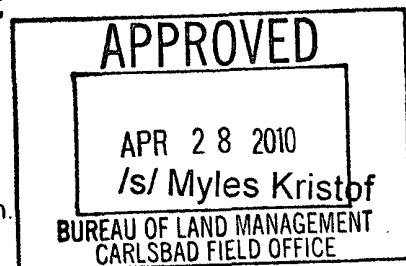
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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.)

Application for Injection sent to NMOCD.

Proposed Procedure:

SUBJECT TO LIKE  
APPROVAL BY STATE

- 1) Clean out to PBTD @ +/- 4505'. POOH w/tbg and BHA.
- 2) Acidize existing perfs w/2000g 15% NEFE & 400 g Xylene.
- 3) Perforate from 3962-3967, 3957-3960, 3945-3948 (14 holes)
- 4) Frac down workstring
- 5) Set Arrowset 1X (Nickel Plated) Injection Pkr @3850'.
- 6) Notify OCD /BLM for MIT test. Test casing to 500# and chart for 30 min.
- 7) Place well on injection.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Accepted for record

NMOCD

PMX ORDER PENDING

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

Donna Huddleston

Title Production Tech

Signature

Date 03/12/2010

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Date

Office

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 as to any matter within its jurisdiction.

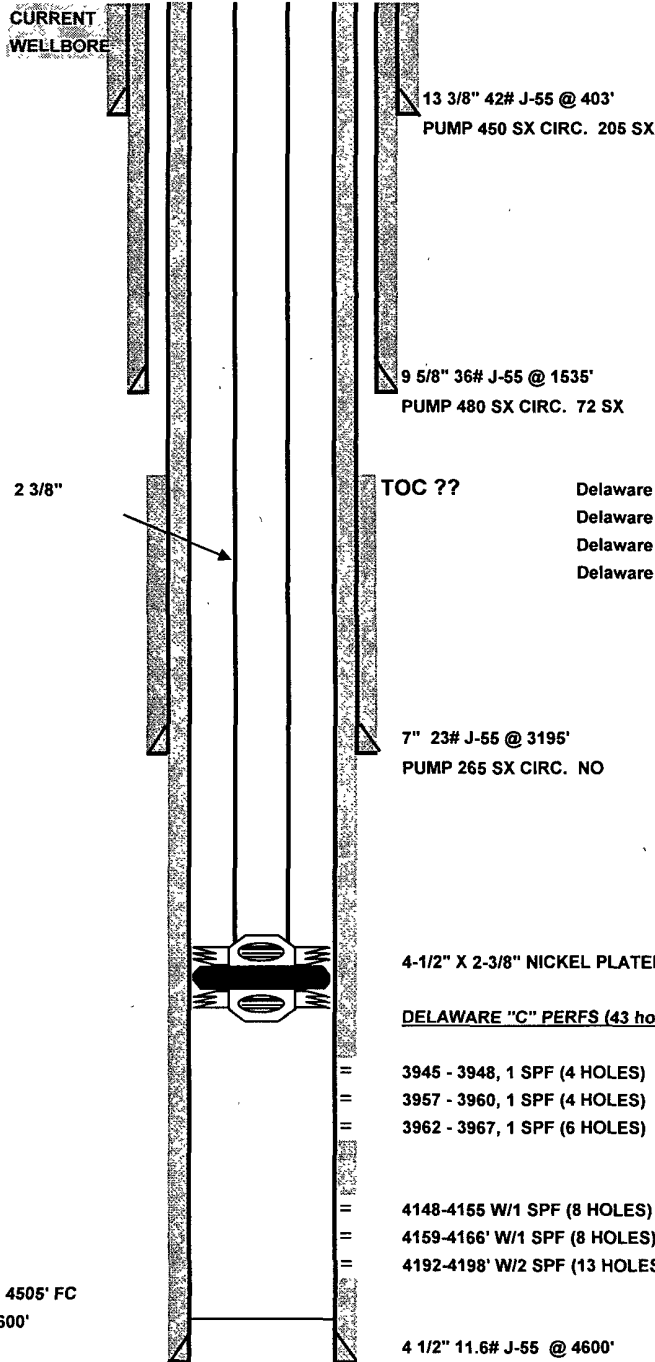
(Instructions on page 2)

# PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #513

LEASE: PDU  
LOCATION: 1700' FSL & 2630' FEL  
FIELD: PARKWAY  
CURRENT STAT. CASED

WELL NO. 513  
SEC: 35 T: 19S R: 29E  
GL: 3313' CT/ST: EDDY,NM  
KB: 3327' DF: 3326'

API # : 30-015-33714  
SPUD: 3/29/05  
COMP: 5/2005  
INITIAL FORM:DELAWARE "C"



## WELL HISTORY

4/26/05 - Break down perfs w/2500g 15% HCL

Dropping 1.3 sg balls. Balled out.

4/29/05 - RU Schlumberger to frac. Frac down tbg

Frac w/total of 396 bbl fluid and 25,440#

16/30 Brady Sand. ISIP=665#, 5 min=584#

10 min=557#, 15 min=517#

Ran tracers-Frac went mainly in middle perfs and bottom set. 8 swab runs, FL staying @ 700' FS.

6/30/05 5th 3/4" rod down, pin broke.

8/22/05 4 rods out, box parted. Install new box.

1/26/2006 4 rods out, box parted. Install new box.

Checked all boxes, OK. No fill tagged.

3/24/2006 17 rods out, box parted.

7/14/2006 25 rods out, box parted. Check all boxes, OK.

9/19/2006 L/D top jt of tbg due to HIT. Rest of tbg OK.

11/20/2006 Pull pump for repairs. Hydrotest 130 jts tbg to 5000#.

HIT in top jt. Replaced with IPC joint.

PBTD: 4505' FC  
TD: 4600'

DATE:8/7/08  
PREPARED BY: BHH

# WELLBORE DIAGRAM

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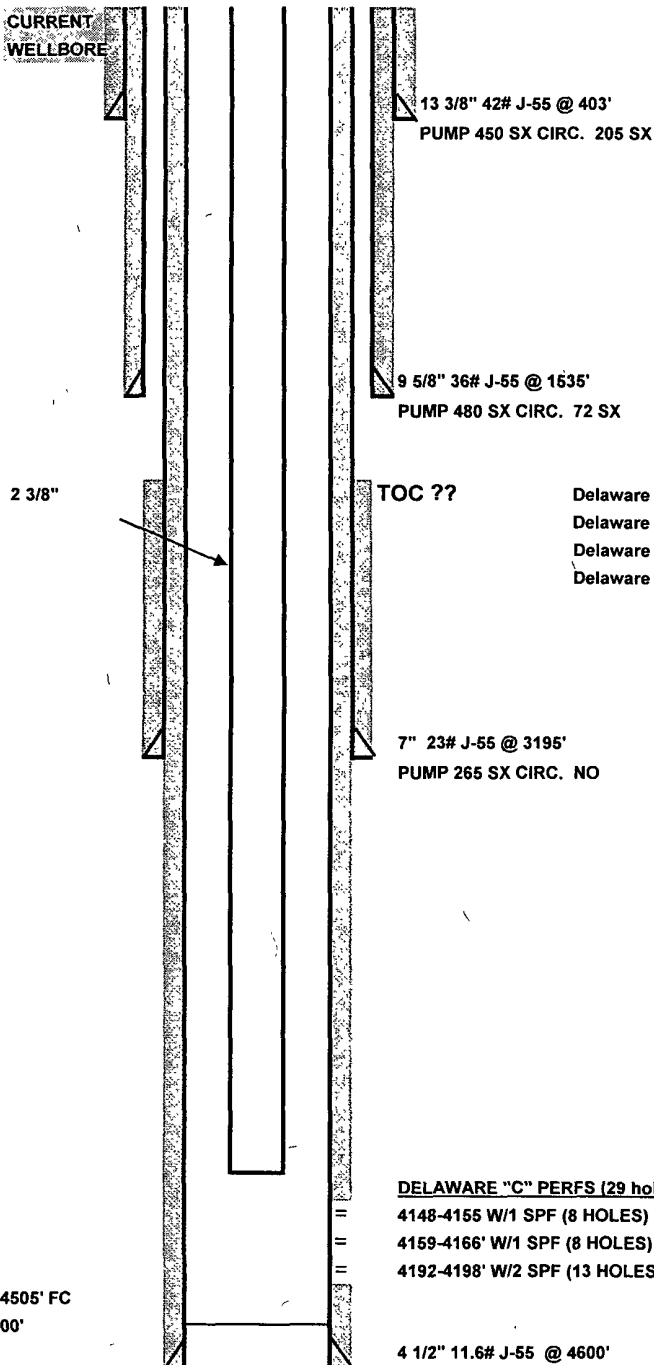
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UL: K

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### DELAWARE "C" PERFS (29 holes)

= 4148-4155 W/1 SPF (8 HOLES)

= 4159-4166 W/1 SPF (8 HOLES)

= 4192-4198 W/2 SPF (13 HOLES)

4 1/2" 11.6# J-55 @ 4600'

CMT'D W/ 325 SX. CIRC 45 SX TO PIT

PBTD: 4505' FC

TD: 4600'

DATE: 8/7/08

PREPARED BY: BHH

**PDU #513  
30-015-33714  
St. Mary Land & Exploration Co.  
April 28, 2010  
Conditions of Approval**

- 1. Surface disturbance beyond the existing pad must have prior approval.**
- 2. Closed loop system required.**
- 3. Operator to have H2S monitoring equipment on location as H2S has been reported.**
- 4. Subsequent sundry required.**
- 5. Operator to submit NOI sundries for any future work.**
- 6. Operator to submit Unit Plan of Development – required on annual basis. Last one submitted was in 2003.**
- 7. Need gauge on 7 x 9 5/8 annulus.**

**MAK 042810**