

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 <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	5. Lease Serial No. NM67102
2. Name of Operator St. Mary Land & Exploration Co.	6. If Indian, Allottee or Tribe Name
3a. Address 3300 N. A Street, Bldg. 7, Ste. 200 Midland, TX 79701	7. If Unit or CA Agreement, Name and/or No. NM88491X
3b. Phone No (include area code) 832-688-1789	8. Well Name and No. Parkway Delaware Unit #303
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 35 - T-19S-R29E 1420 FNL & 2800 FWL S 31	9. API Well No. 30-015-27445
	10. Field and Pool, or Exploratory Area Parkway Delaware
	11. 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 checked="" 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 checked="" type="checkbox"/> Other Add Perfs
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input 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 has been made with the NMOCD to increase injection intervals to include 3918 - 4406'.  
Upon approval from NMOCD. PDU 303 - Proposed Recompletion Procedure

1. Acidize existing perfs down tubing
2. Set RBP
3. Shoot proposed perfs @ 3942-4252'.
4. Frac proposed perfs down tubing
5. Remove RBP
6. Return well to water injection

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL****SUBJECT TO LIKE  
APPROVAL BY STATE**

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Donna Huddleston		Title Production Tech
Signature <i>Donna Huddleston</i>		Date 05/24/2010
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
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 Office	Date JUN 7 2010 <b>/s/ Chris Walls</b> BUREAU OF LAND MANAGEMENT CARLSBAD FIELD 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		

# WELLBORE DIAGRAM

## PARKWAY DELAWARE UNIT #303

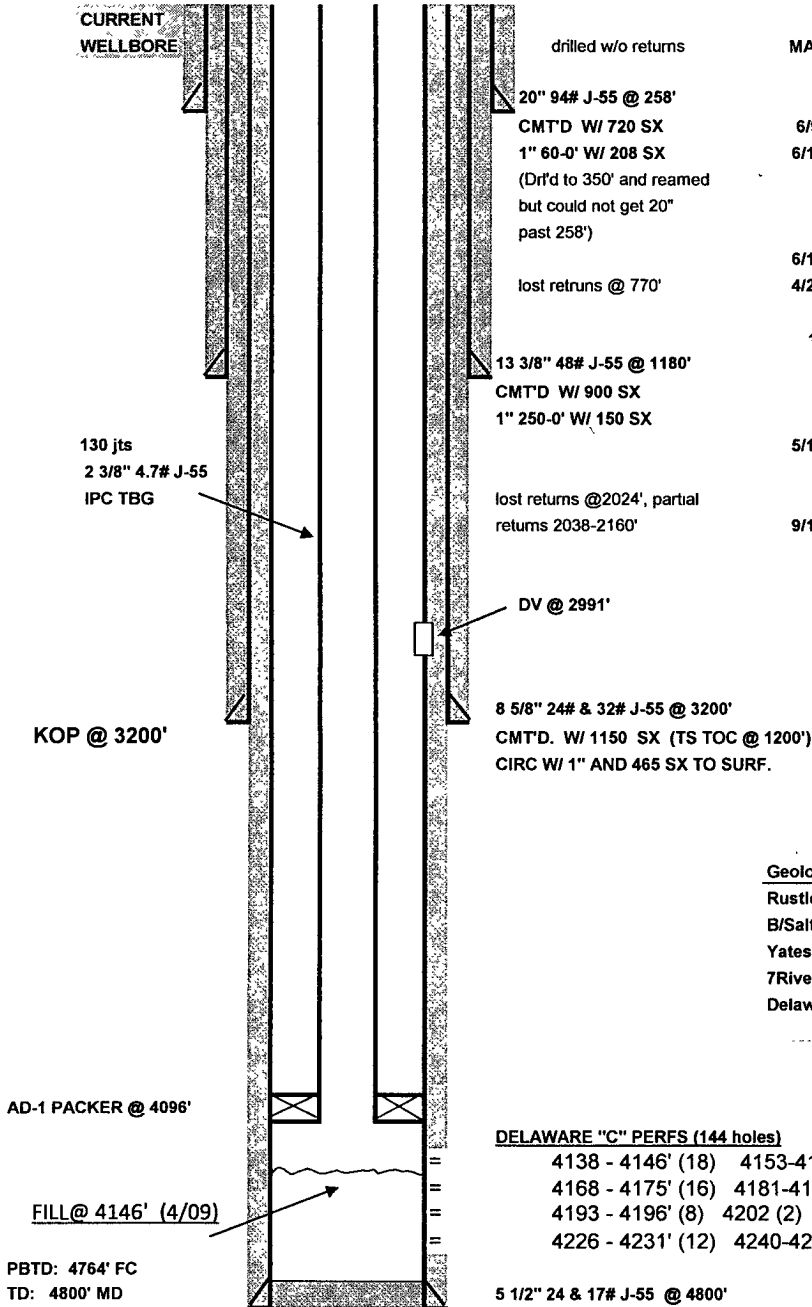
LEASE: PDU  
 LOCATION: 1420' FNL & 2500' FWL  
 BHL: 1334' FNL & 2450' FEL  
 FIELD: PARKWAY  
 CURRENT STATUS: WATER INJ.

WELL NO. 303  
 UL: F SEC: 35 T: 19S R: 29E  
 GL: 3311' CT/ST: EDDY,NM  
 KB: 3318' DF: 3317'

API # : 30-015-27445  
 SPUD: 5/17/93  
 COMP: 6/93  
 INITIAL FORM:DELAWARE "C"

### WELL HISTORY

MAY-1993 Well was directionally drilled - angle thru Delaware is 16-19 degrees. BHL ~ 336' northeast of surface (Proposed as injector but came in flowing.)  
 6/9/1993  
 6/10/1993 Acidize w/3400g 15% HCL & 288 BS's (no ballout) - Frac w/50000g XL gel 3000# 100 mesh, 96400# 20/40 and 75800# 12/20 sand @ Avg 25 bpm & 1000 psi  
 6/14/1993 IP Flowing 198 BO + 70 BW + 605 MCF/D  
 4/24/1995 CTI - replace bare tbg w/combo Salta & IPC Initial Rate: 1000 BWPD @ 0 psi  
 12/96 Attempt Profile survey - tbg obstruction at 2925'  
 1/97 Replaced several jts. due to collapsed salta liner and bad pins  
 2/19/1997 Cardinal Profile Survey  
 5/10/1997 Replaced tbg w/ all IPC. Tag @ 4140' c/o FeS & sand to 4295'  
 5/15/1997 Cardinal Profile Survey  
 8/17/1998 Wedge Profile survey  
 9/15/1998 Repaired pkr (mandrel) leak  
 5/15/2001 Profile Survey  
 6/27/2006 Got to 4233'. Retrieved sample.  
 Apr-09 Tag @ 4146'



### Geologic Markers:

Rustler: 390'  
 B/Salt: 1175'  
 Yates: 1470'  
 7Rivers: 1620'  
 Delaware: 3365'

### DELAWARE "C" PERFS (144 holes)

4138 - 4146' (18) 4153-4163 (26)  
 4168 - 4175' (16) 4181-4190 (20)  
 4193 - 4196' (8) 4202 (2) 4207-4219 (26)  
 4226 - 4231' (12) 4240-4247 (16)

5 1/2" 24 & 17# J-55 @ 4800'  
 1ST STAGE 285 SX CIRC TO DV  
 2ND STAGE 200 SX CIRC TO SURF

PBTD: 4764' FC  
 TD: 4800' MD

DATE:5/02/01  
 PREPARED BY:  
 HRT

# PROPOSED WELLBORE DIAGRAM

## PARKWAY DELAWARE UNIT #303

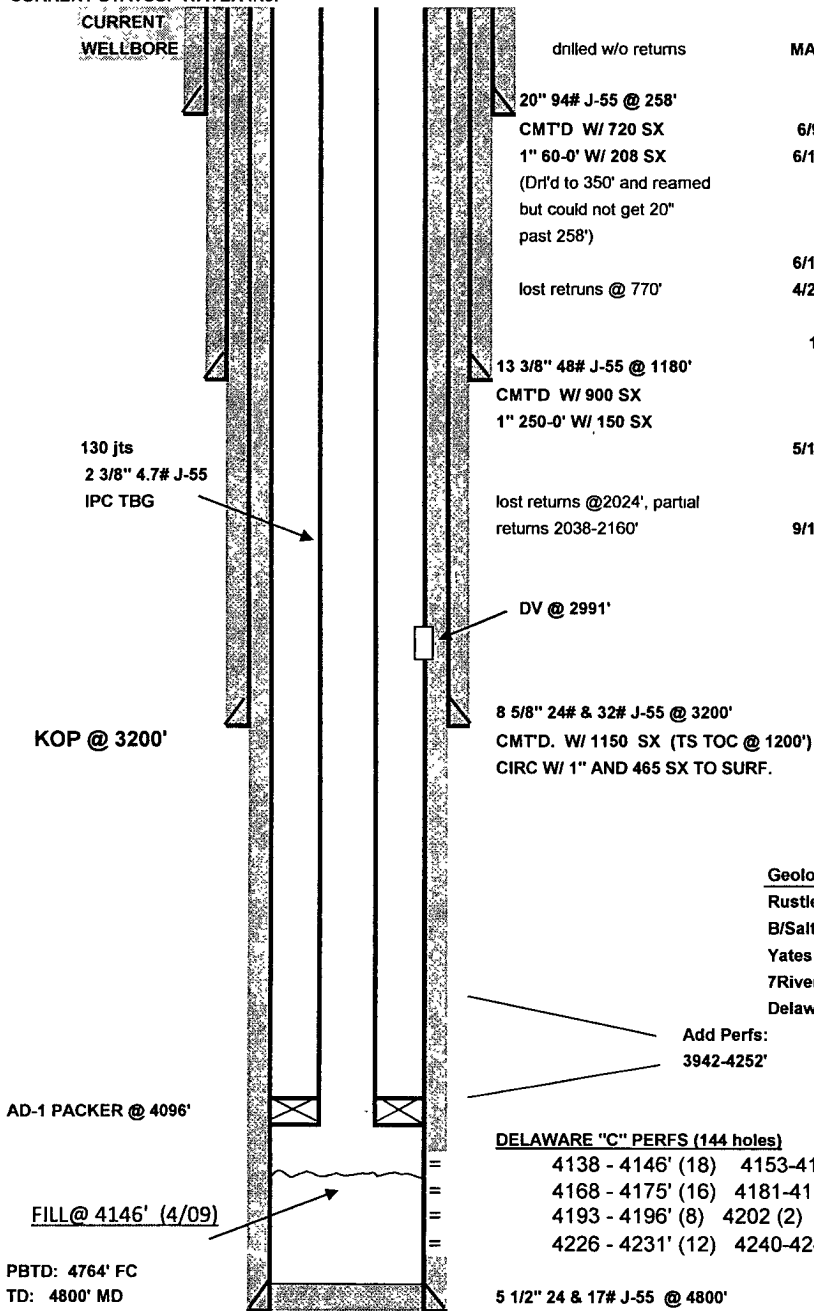
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### Add Perfs:

3942-4252'

DATE: 5/02/01  
 PREPARED BY:  
 HRT

**Parkway Delaware Unit 303  
30-015-27445  
St. Mary Land and Exploration  
June 7, 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 from wells in the area.**
- 4. Submit subsequent sundry with injection rate, pressure and current well bore schematic.**

**CRW 060710**