

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OCD-ARTESIAFORM 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 NM24160
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 #506
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec. 35 - T-19S-R29E 2635 FSL & 2640 FEL	9. API Well No. 30-015-27464
	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 recomple 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 recomple 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 506 - Proposed Recompletion Procedure

1. Acidize existing perfs down tubing
2. Set RBP
3. Shoot proposed perfs @ 3927' - 4257'.
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
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 Office	APPROVED JUN 7 2010 /s/ Chris Walls 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		

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WELLBORE DIAGRAM

PARKWAY DELAWARE UNIT #506

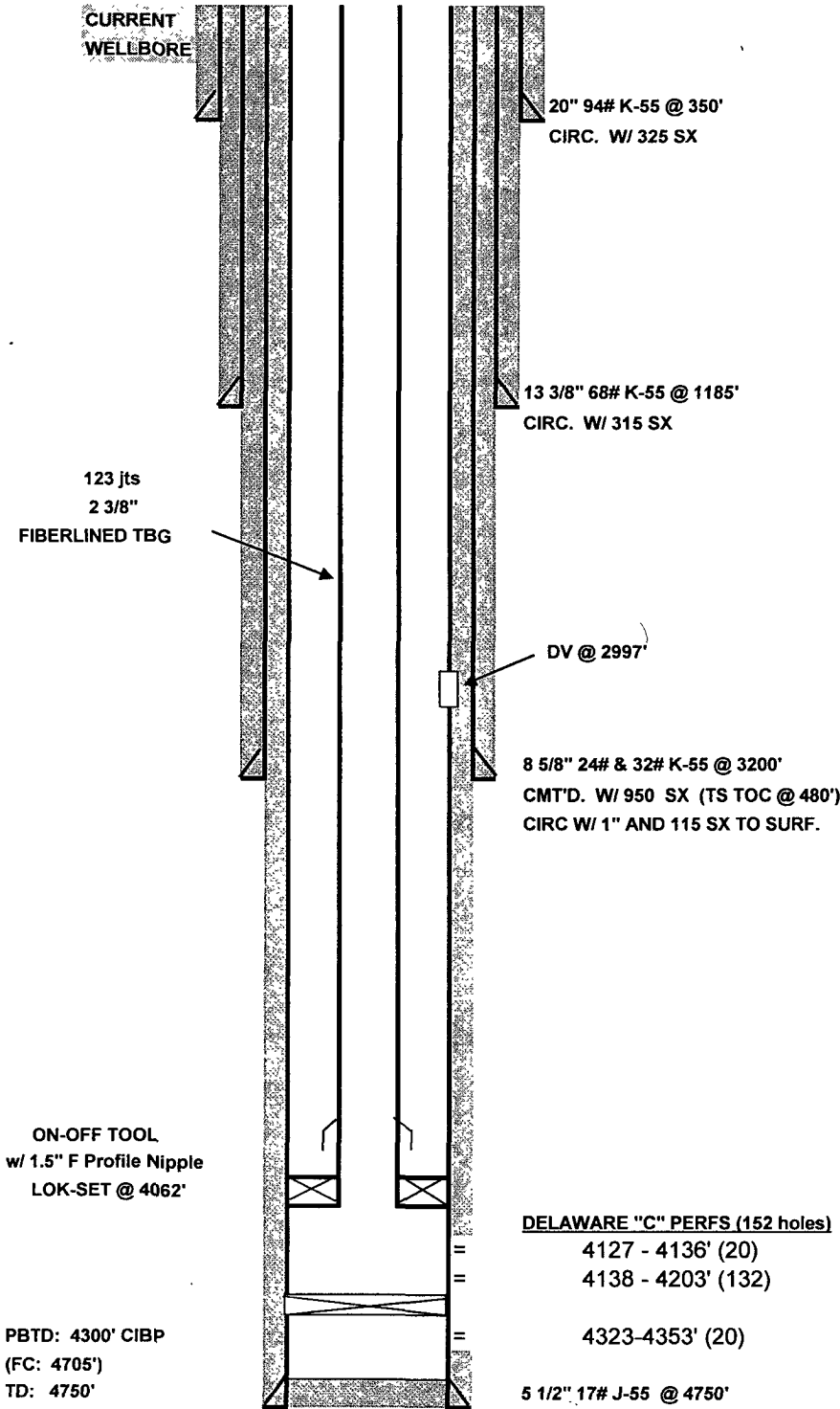
LEASE: PDU
LOCATION: 2635' FSL & 2640' FEL
FIELD: PARKWAY
CURRENT STATUS: WATER INJ.

WELL NO. 506
UL: J SEC: 35 T: 19S R: 29E
GL: 3311' CT/ST: EDDY,NM
KB: 3318' DF: 3317'

API #: 30-015-27464
SPUD: 6/06/93
COMP: 7/93
INITIAL FORM: DELAWARE "C"

WELL HISTORY

6/18/1993 Cored 4141-4202'
6/24/1993 Ran GR/CCL/CBL from 4705-3100'
Perf 20 holes 4323-4353'
6/25/1993 Acidize with 1000g 15% HCl
Frac w/20000g XL gel 57,500# sand
(swab results not reported)
6/29/1993 Set CIBP @ 4300', Perf 4127-4203'
6/30/1993 Acidize w/3000g 15% HCL & 300 BS's
(no ballout) - Frac w/47500g XL gel
3000# 100 mesh, 96400# 20/40 and
75600# 12/20 sand @ Avg 25 bpm & 1000 psi
7/10/1993 IP Flowing 175 BO + 75 BW +/- 350 MCF/D
1/27/1996 BH pressure buildup test
3/4/1998 CTI - replace bare tbg w/FGL
Initial Rate: 400-500 BWP/D @ 0-100 psi
5/9/2001 SL Drift - Tbg Obstruction @ 1686'
1/9/2006 Ran inj profile tag @ 4146
6/27/2006 Valve would not hold



DATE: 10/28/03
PREPARED BY:
HRT

PROPOSED WELLBORE DIAGRAM

PARKWAY DELAWARE UNIT #506

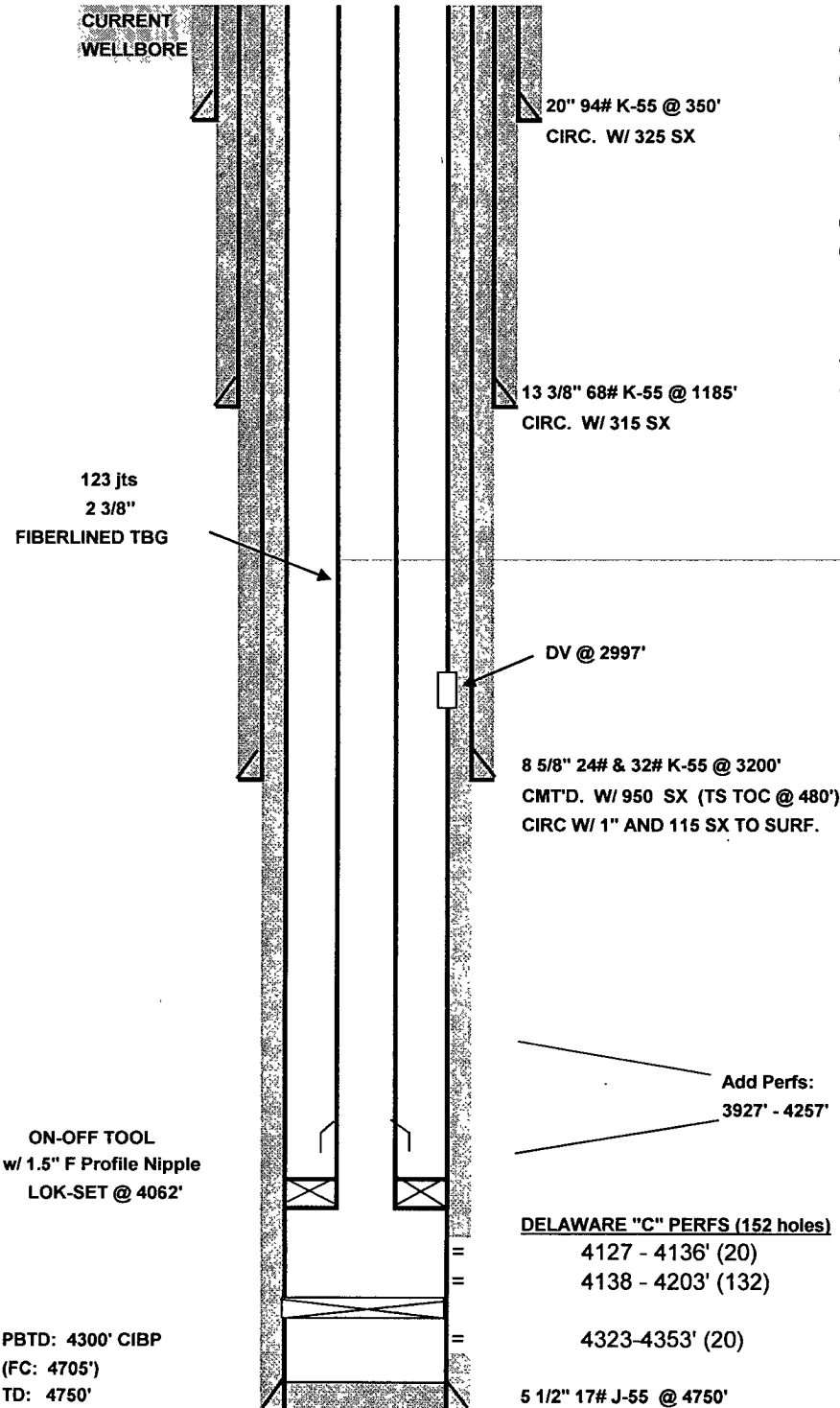
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**Parkway Delaware Unit 506
30-015-27464
St. Mary Land and Exploration
June 7, 2010
Conditions of Approval**

- 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