

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
☐ 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 (32) 688-17894. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec. 35 - T-19S-R29E
2628 FSL & 1485 FEL5. Lease Serial No.
NM67102

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NM88491X JUN - 9 20108. Well Name and No.
NMOCD ARTESIA
Parkway Delaware Unit #5079. API Well No.
30-015-2950410. 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 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 507 - Proposed Recompletion Procedure

1. Acidize existing perfs down tubing
2. Set RBP
3. Shoot proposed perfs @ 3952 - 4314'.
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	APPROVED JUN 7 2010 /s/ Chris Walls BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE
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	

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)

WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #507

LEASE: PDU
LOCATION: 2628' FSL & 1485' FEL
FIELD: PARKWAY
CURRENT STAT. WATER INJ.

WELL NO. 507
UL: G SEC: 35 T: 19S R: 29E
GL: 3334' CT/ST: EDDY,NM
KB: 3348' DF: 3349'

API # : 30-015-29504
SPUD: 4/06/97
COMP: 6/97
INITIAL FORM:DELAWARE "C"

WELL HISTORY

5/7-9/97 Spot 425g 10% acetic acid
Run GR/CCL/CBL & Perf
Breakdown w/ 2500g 7.5% HCl
dropping 100 BS's throughout
5 BPM @ avg. 2280 psi
balled out with 82 balls

5/13/1997 Static BHP 731 psi @ 4222'

5/14/1997 Frac w/ 15300g & 44.5M # 16/30 sand
5.9-6.1 BPM @ 469-932 psi

6/1/1997 Initial Rate : 50-150 BWPD @ ? psi

5/14-15/01 Cardinal profile/si temp survey

7/23/02 Release pkr and lowered tagging bridge
at 4140', POOH looking for tbg leak
Pull equipment looking for leak.
Work thru 5' bridge at 4140' w/ bailer.
Bridge removal restored injection w/o Frac

7/24/02 Run new pkr to 4090' and RTI.

8/3/02 SI for high CP

8/6/02 POOH w/ pkr - recovered pieces of csg.
Got pkr to reset @ 4052' & RTI

1/28/03 Acidize w/ 1500g 15% HCl

11/5/03 SL drift tag at 4262' KB

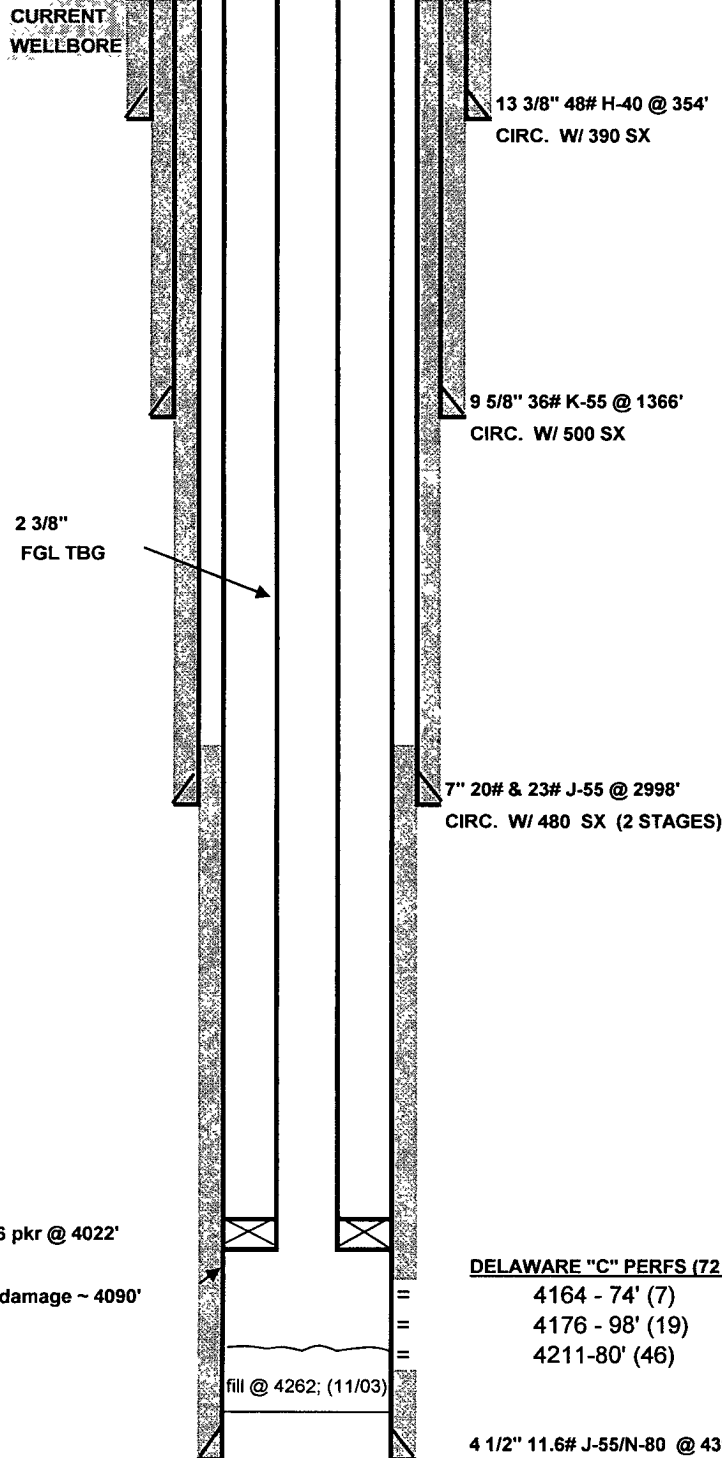
2/11/04 Approval to have injection pkr>100'
above perfs.

4/15/04 Pull inj pkr & ran RBP to 4010'

4/29/2004 Pulled RBP & RIH w/UNI 6 pkr on 122 jts
FLT. Set pkr @ 4022'

1/1/06 Tool Tag @ 90'

6/28/2006 Only made it 7' in hole. Could not go down.
Apr-09 Tag @ 730'



DATE:12/1/03
PREPARED BY:
HRT

PBTD: 4385' FC
TD: 4400'

PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #507

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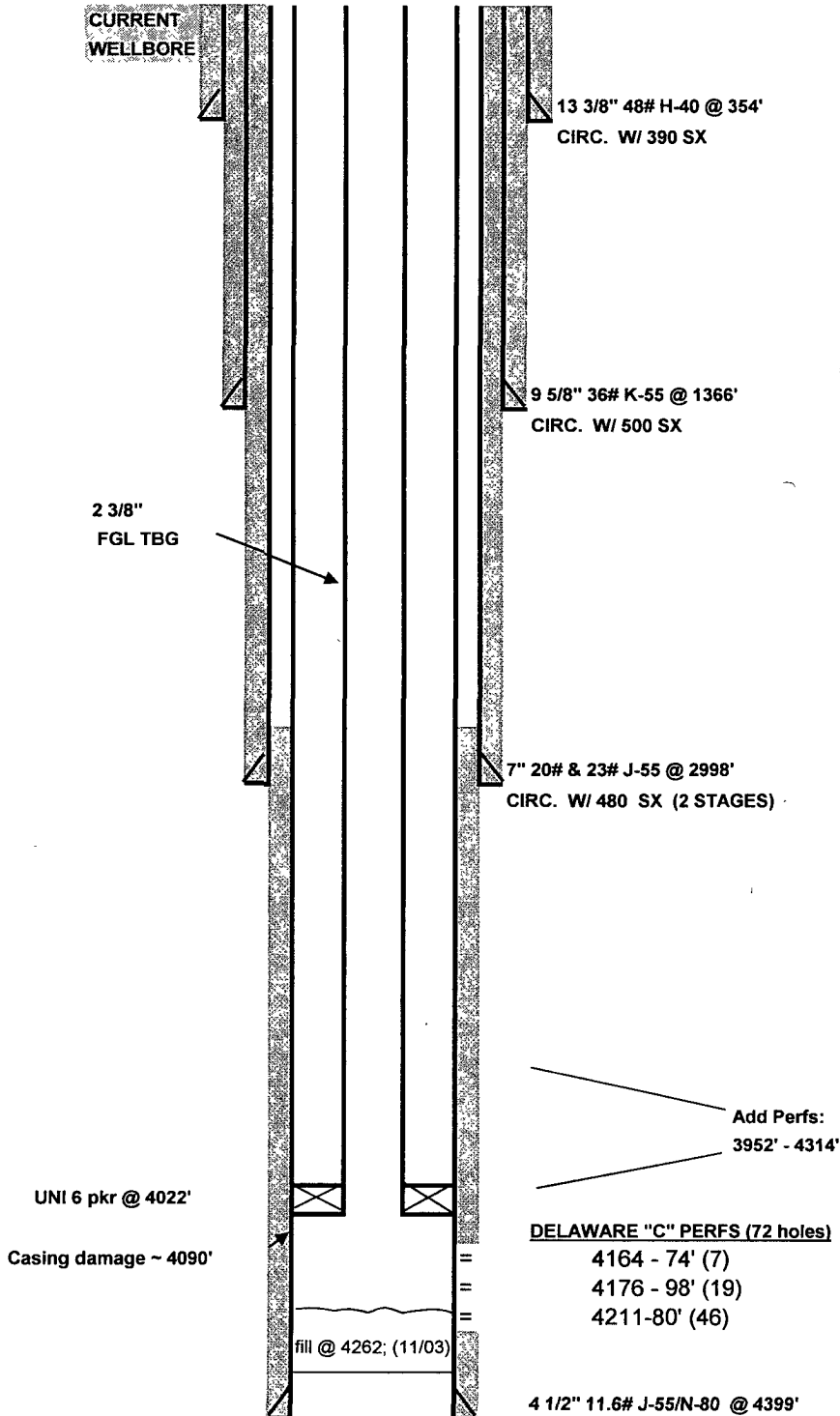
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DATE: 12/1/03
PREPARED BY:
HRT

PBTD: 4385' FC
TD: 4400'

**Parkway Delaware Unit 507
30-015-29504
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