

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 (32) 688-1789

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

Sec. 35 - T-19S-R29E
1000' FNL & 2452 FEL (UL:B)

5. Lease Serial No.

6. If Indian, Allotted or Tribe Name

7. If Unit or CA Agreement, Name and No.
NM88491X

8. Well Name and No.

PDU #206

9. API Well No.

30-015-34128

10. 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	

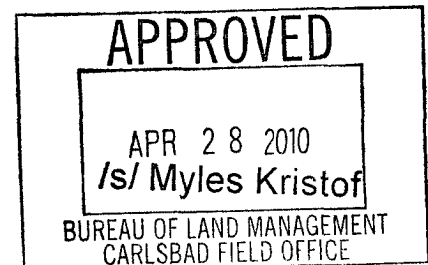
13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths 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 @ +/- 4512'.
- 2) Acidize existing perms w/3500g 15% NEFE & 400 g Xylene.
- 3) Perforate from 4041', 4030', 4028', 3963', 3961', 3958', 3956', 3954' (8 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 APPROVALAccepted for record
4/29/10 NMOCD PMX ORDER PENDING14. 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

Title

Date

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

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 #206

LEASE: PDU
LOCATION: 1000' FNL & 2452' FEL
FIELD: PARKWAY
CURRENT STAT. CASED

WELL NO. 206
SEC: 35 T: 19S R: 29E
GL: 3316' CT/ST: EDDY,NM
KB: 3328' DF: 3327'

API # : 30-015-34128
SPUD: 10/31/05
COMP: 11/15/2005
INITIAL FORM:DELAWARE "C"

WELL HISTORY

12/5/05 Run CBL, Perf 4190-4214' 2SPF
Perf 4176-4184 1SPF
12/6/05 Acidize w/3200g 15% HCl & Balls, poor ball action
12/8/05 FRAC WITH 596 BBLS CLEAR FRAC 46950 # 16/30
Brady 19.6 BPM @ 3986 psi
12/9/05 Frac Log, treated 4164-4300'
2/7/06 Perf 4120-4124, 4128-4136, 4142-4160 1SPF
2/8/06 Acidize w/3000g 15% HCl
2/21/06 FRAC WITH 570 BBLS CLEAR FRAC 36,320 # 16/30
BRADY 14.7 BPM @ 3054 psi. No frac log run
2/22/06 Washed sand from 4100 to isolation packer, retrieved
9/1/06 Set RBP at 4170', cmt sqz perfs 4120-4160 w/250 sks
9/5/06 Tag cmt at 3910', DO to 4160'. Pull RBP
9/8/06 Tag cmt at 4176', DO to 4269', run to 4400'. Test 500psi
9/11/06 Perf 4210-4214' 5 holes
9/12/06 Set Pkr @ 4170' & acidize perfs w/3000g HCl-saw
pressure on backside, perfs communicated
1/22/07 Went down 100' no fill encountered.
5/16/08 Located pin/collar leak @ 195'.
9/19/08 Rod part in 3/4" pin & changed out 1 bad rod

CURRENT
WELLBORE

13 3/8" 48# J-55 @ 398'
CMT W/ 250 SX LEAD "C" 13.5p
TAIL 150 SX "C" 14.8PPG
DID NOT CIRC
TOPPED W/ 390 SX "C"
THRU 1" IN 5 STAGES
CIRC 8 SX TO SURFACE
Stage collar @ 1460'
External csg pkr@1496

9 5/8" 32.2# H-40 @ 1505'
CIRC. W/ 280 SX LEAD 11.9PPG
TAIL 200 SX "C" 14.8PPG
CIRC 111 SKS TO PIT

TBG

126 jts 2-3/8" J55
TAC at 4095'
4 jts 2-7/8" J55

7" 23# J-55 @ 3214'

CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C"
CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C"
CIRC 10 SX TO SURFACE

UPPER DELAWARE "C" PERFS

4120-24 1 SPF 5 HOLES ORANGE (LWR B)
4128-36 1 SPF 9 HOLES BLUE Squeezed 9/1/06 w/250 sks
4142-4160 1 SPF 19 HOLES GREEN

LOWER DELAWARE "C" PERFS

4176-4184 1 SPF 9 HOLES YELLOW
4190-4214 2 SPF 49 HOLES ORANGE
4210-14 5 holes

PBD 4512 FC
TD: 4600'

DATE:10/30/06
PREPARED BY:
EWS

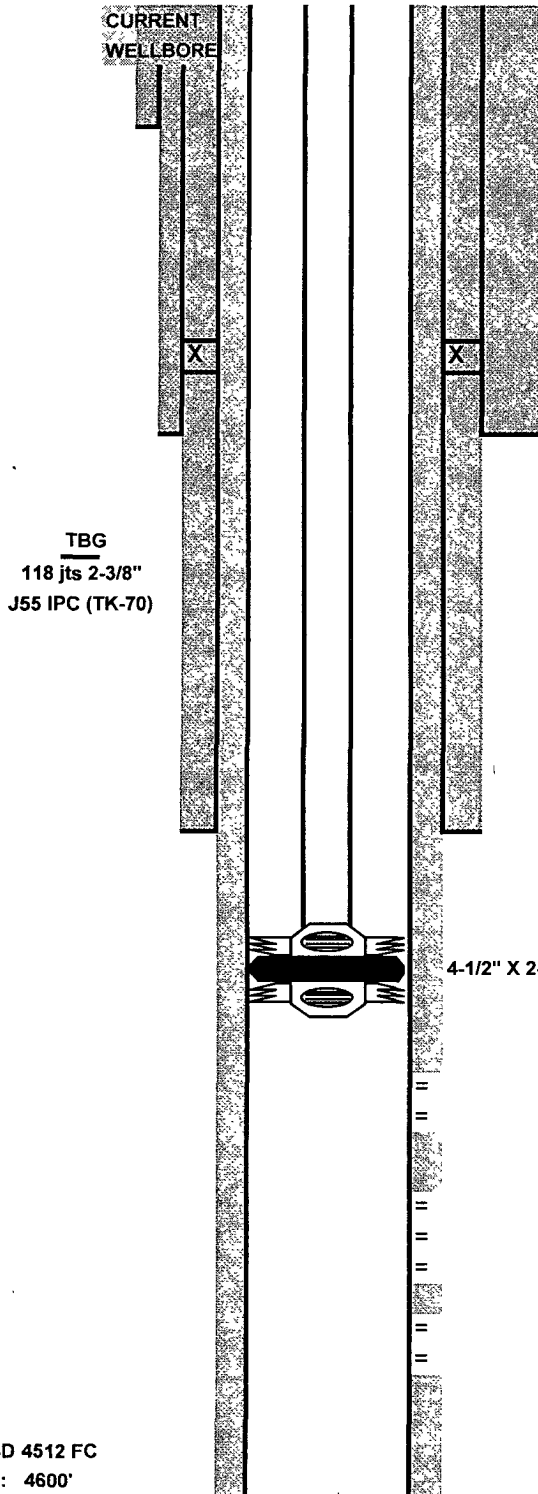
4 1/2" 10.5# J-55 @ 4595'
CMT'D W/ 200 SX LEAD & 100 SX TAIL 13.6 PPG ALL CLASS C
CIRC 40 SX TO PITS

PROPOSED WELLBORE DIAGRAM PARKWAY DELAWARE UNIT #206

LEASE: PDU
LOCATION: 1000' FNL & 2452' FEL
FIELD: PARKWAY
CURRENT STAT. CASED

WELL NO. 206
SEC: 35 T: 19S R: 29E
GL: 3316' CT/ST: EDDY, NM
KB: 3328' DF: 3327'

API # : 30-015-34128
SPUD: 10/31/05
COMP: 11/15/2005
INITIAL FORM: DELAWARE "C"



WELL HISTORY

12/5/05 Run CBL, Perf 4190-4214' 2SPF
Perf 4176-4184 1SPF
12/6/05 Acidize w/3200g 15% HCl & Balls, poor ball action
12/8/05 FRAC WITH 596 BBLS CLEAR FRAC 46950 # 16/30
Brady 19.6 BPM @ 3986 psi
12/9/05 Frac Log, treated 4164-4300'
2/7/06 Perf 4120-4124, 4128-4136, 4142-4160 1SPF
2/8/06 Acidize w/3000g 15% HCl
2/21/06 FRAC WITH 570 BBLS CLEAR FRAC 36,320 # 16/30
BRADY 14.7 BPM @ 3054 psi. No frac log run
2/22/06 Washed sand from 4100 to isolation packer, retrieved
9/1/06 Set RBP at 4170', cmt sqz perfs 4120-4160 w/250 sks
9/5/06 Tag cmt at 3910', DO to 4160'. Pull RBP
9/8/06 Tag cmt at 4176', DO to 4269', run to 4400'. Test 500psi
9/11/06 Perf 4210-4214' 5 holes
9/12/06 Set Pkr @ 4170' & acidize perfs w/3000g HCl-saw
pressure on backside, perfs communicated
1/22/07 Went down 100' no fill encountered.
5/16/08 Located pin/collar leak @ 195'.
9/19/08 Rod part in 3/4" pin & changed out 1 bad rod

7" 23# J-55 @ 3214'
CMT'D 1ST STAGE 115 SX LEAD 11.9PPG TAIL 150 SX 14.8PPG ALL "C"
CMT'D 2ND STAGE 120 SX LEAD 11.8PPG TAIL 75 SX 14.8 ALL "C"
CIRC 10 SX TO SURFACE

4-1/2" X 2-3/8" NICKEL PLATED ARROWSET 1X PACKER @ 3850'

3954, 3956, 3958, 3961, 3963 - 1 SPF 5 TOTAL HOLES
4028, 4030, 4041 - 1 SPF 3 TOTAL HOLES

UPPER DELAWARE "C" PERFS

4120-24 1 SPF 5 HOLES ORANGE (LWR B)
4128-36 1 SPF 9 HOLES BLUE Squeezed 9/1/06 w/250 sks
4142-4160 1 SPF 19 HOLES GREEN

LOWER DELAWARE "C" PERFS

4176-4184 1 SPF 9 HOLES YELLOW
4190-4214 2 SPF 49 HOLES ORANGE
4210-14 5 holes

PBD 4512 FC
TD: 4600'

DATE: 10/30/06
PREPARED BY:
EWS

4 1/2" 10.5# J-55 @ 4595'
CMT'D W/ 200 SX LEAD & 100 SX TAIL 13.6 PPG ALL CLASS C
CIRC 40 SX TO PIT

**PDU #206
30-015-34128
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.**

MAK 042810