

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Alamosa, NM 88210

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2004

5. Lease Serial No.  
NM 61582

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

2. Name of Operator

7. Unit or CA Agreement Name and No.

St. Mary Land & Exploration

PARKWAY DELAWARE UNIT

3. Address

580 Westlake Park Blvd Suite 600 Houston, Tx. 77079

3a. Phone No. (include area code)

(281) 677-2772

8. Lease Name and Well No.

PDU #207

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

RECEIVED

JUL 18 2005

OCD-ARTEZIA

9. API Well No.

30-015-34121 S1

At surface 995' FNL, 1461' FEL UL:B

10. Field and Pool, or Exploratory

PARKWAY DELAWARE UNIT 49625

At top prod. interval reported below SAME

11. Sec., T., R., M., on Block and Survey or Area

SEC 35-T19S-R29E

At total depth SAME

12. County or Parish

EDDY

13. State

NM

14. Date Spudded

5-23-05

15. Date T.D. Reached

6-5-05

16. Date Completed

☐ D&A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*

3318' GL

18. Total Depth: MD 4590  
TVD 4590

19. Plug Back T.D.: MD 4536  
TVD 4536

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

\*\* See #32

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8/J-55	48#	0	394'		See #32		0	
12 1/4	9 5/8/J-55	36#	0	1488'		1. below		0	
8 1/2	7/J-55	23#	0	3227'		2. below		0	
6 1/2	4 1/2/J-55	11.6#	0	4577'		181 sx C		0	
						81 sx C cir			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
		4103						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware "C"			4165-4169	.4	5	Open
B) Delaware "C"			4173-4192	.4	20	Open
C) Delaware "C"			4208-4218	.4	11	Open
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
4165-4218	3000 bbls 15% HCl, 55 bbls flush 2% KCl 1. Lead 300 sx Class C, Tail 250 sx 2. Stage 1 - 150 sx 50-50-10 Stage 2 - 100 sx 50-50-10 + 75 sx Class C

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
7-6-05	7-6-05	24	<input type="checkbox"/>	19	0	270			Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

ACCEPTED FOR RECORD

JUL 18 2005

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			<input type="checkbox"/>						
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			<input type="checkbox"/>						

## 29. Disposition of Gas (Sold used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Delaware					
Delaware "A"	3908	4013		Delaware	3780
Delaware "B"	4013	4161			
Delaware "C"	4161	4252	Oil		

## 32. Additional remarks (include plugging procedure):

\*\* Compensated Neutron Three Detector Litho Density and Hi-Res Laterolog - Micro - CFL/GR

\*Lead 195 sx C, Tail 180sx H, topped off w/50 sx, 25 sx, 25 sx &amp; 25 sx thru 1"; Final Plug 50 sx thru 1", 25 sx circ to pit.

## 33. Circle enclosed attachments:

- ① Electrical/Mechanical Logs (1 full set req'd.)      2 Geologic Report      3 DST Report      4 Directional Survey  
 5 Sundry Notice for plugging and cement verification      6 Core Analysis      7 Other: \_\_\_\_\_

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Marcie St. Germain

Title Production Tech

Signature Marcie St. Germain

Date 7-13-05

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.