

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. Name of Operator

St. Mary Land & Exploration

3. Address

580 Westlake Park Blvd Suite 600 Houston, Tx. 77079

3a. Phone No. (include area code)

(281) 677-2772

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

At surface 1210' FSL, 2065' FEL UL-O

At top prod. interval reported below SAME

At total depth SAME

5. Lease Serial No.

NM 24160

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

PARKWAY DELAWARE UNIT 19625

8. Lease Name and Well No.

PDU #514

9. API Well No.

30-015-34130 SI

10. Field and Pool, or Exploratory

PARKWAY DELAWARE UNIT 49625

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

SEC 35-T19S-R29E

12. County or Parish

EDDY

13. State

NM

14. Date Spudded

11-21-05

15. Date T.D. Reached

12-4-05

16. Date Completed

☐ D&A☒ Ready to Prod.

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

3316' GL

18. Total Depth: MD 4607
TVD 460719. Plug Back T.D.: MD 4550
TVD 455020. 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 Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8/J-55	48#	0	397		See 32 **		0	
12 1/4	9 5/8/H-40	32.2#	0	1516		***		0	
8 1/2	7/J-55	23#	0	3198		****		0	
6 1/2	4 1/2/J-55	10.5#	0	4593		*****		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"		3906'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware "C"			4227-4232	.4	11	Open
B) Delaware "C"			4194-4212	.4	19	Open
C) Delaware "C"			4180-4186	.4	7	Open
D) Delaware "B"			4168-4172	.4	5	Open

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4168-4232	3000 bbls 15% HCl, 75 bbls flush 2% KCl

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
12-28-05	1-16-06	24	<input type="checkbox"/>	89	20	20			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	

ACCEPTED FOR RECORD

JAN 23 2006

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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"/>						

(See instructions and spaces for additional data on next page)

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 "C"	4176	4338	Oil Completion	B/Salt	1170'
				T/Tansill	1240'
				T/Yates	1482'
				T/7 Rivers	1587'
				T/Capitan	1688'
				Queen	2730'
				Delaware	3730'

32. Additional remarks (include plugging procedure):

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

** Pumped w/250sx Lead 13.5ppg Tail 200sx 14.8ppg, did not circ, topped w/250sx thru 1" in 5 stages, circ 20sx to surface, all C

***Circ w/280sx Lead 11.9ppg Tail 200sx 14.8ppg, circ 71sx to pit, all C

****Cmt'd 1st stage 115sx Lead 11.9ppg Tail 150sx 14.8ppg, all C; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg, all C

*****Cmt'd w/200sx 11.5ppg Lead & 100sx Tail 13.2ppg, all C, circ 66sx 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. GermainTitle Production TechSignature Marcie St. GermainDate 1-17-06

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.