

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other Water Injection Well
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 1438' FNL, 969' FEL UL:H

At top prod. interval reported below SAME

At total depth SAME

14. Date Spudded

12-07-05

15. Date T.D. Reached

12-17-05

16. Date Completed

☐ D&A☐ Ready to Prod.18. Total Depth: MD 4580
TVD 458019. Plug Back T.D.: MD 4529
TVD 452920. 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/H-40	48#	0	401'		**			Circ
12 1/4	9 5/8/H-40	32.3#	0	1518'		***			Circ
8 3/4	7/J-55	23#	0	3214'		****			Circ
6 1/4	4 1/2/J-55	10.5#	0	4572'		*****			Circ

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	4121'	3894'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware "C"			4212-4236	.4	25	Open
B)			4198-4208	.4	11	Open
C)						
D)						

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

Depth Interval	Amount and Type of Material
4198-4236	3500 gals 15% HCl; 75 bbls of flush 2% HCl
	**pumped w/195 sx Lead "C" 13.5ppg, Tail 150 sx "C" 14.8ppg
	circ 8 sx to pit

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
1-25-06	1-26-05	24	<input type="checkbox"/>	11	0	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	

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 back page)

5. Lease Serial No.
NM 54865

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

PARKWAY DELAWARE UNIT

8. Lease Name and Well No.

PDU #208

9. API Well No.

30-015-34433 S1

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

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

3337 GL

RECEIVED

FEB 17 2006

OCD-ARTESIA

ACCEPTED FOR RECORD

FEB 15 2006

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	Thg 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	Thg 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.)

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			Oil	B/Salt Queen T/Delaware	1210 2654 3688

32. Additional remarks (include plugging procedure):

*Hi-Res Laterolog Array Micro-CFL/GR; Three Detector Litho-Density Compensated Neutron/GR; Geology Composite Log FMI/GR

***circ w/280 sx Lead 11.9ppg, Tail 200sx "C" 14.8ppg, circ 72sx to pit

****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 11.9 Lead & 100sx Tail 13.0ppg all "C", circ 16sx to pits

Time WOC - 13 3/8" 25 hrs; 9 5/8" 9.5 hrs; 7" 9.5 hrs; 4" 8 hrs Press Testing - 13 3/8" 30 min @ 600 psi, 9 5/8" 30 min 800 psi, 7" 30 min 1400 psi, 4 1/2" 30 min 1000 psi

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 2-7-06

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.