

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, 20045. Lease Serial No.
NM 241601a. 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 _____

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 #515

9. API Well No.

30-015-34407 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)*

3312' GL

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 1300' FSL, 1675' FWL UL:K

At top prod. interval reported below SAME

At total depth SAME

RECEIVED

APR 06 2006

OCD-ARTESIA

14. Date Spudded

02-07-06

15. Date T.D. Reached

02-20-06

16. Date Completed

☐ D&A☒ Ready to Prod.18. Total Depth: MD 4600
TVD 460019. Plug Back T.D.: MD 4547
TVD 454720. 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	400'		**			Circ
12 1/4	9 5/8/H-40	32.3#	0	1532'		***			Circ
8 3/4	7/I-55	23#	0	3190'		****			Circ
6 1/4	4 1/2/I-55	10.5#	0	4597'		*****			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	4118'							

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Delaware "C"			4218-4236	.4	19	Open
B)			4198-4204	.4	7	Open
C)			4184-4190	.4	7	Open
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
4193-4264	3000 gals 15% HCl; 70 bbls of 2% flush
	**cm'd w/195 sx lead 50/50 POZ C 13.5 ppg; tail 150 sx C 14.8 ppg circ
	circ 50 sx to surface

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
3-13-06	3-20-06	24	<input type="checkbox"/>	72	30	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

MAR 27 2006

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"/>						

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	4184	4236	Oil	B/Salt	1152
				Tansil	1207
				Yates	1460
				Capitan	1668
				Queen	2612
				Delaware	3708

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 200 sx "C" 14.8ppg, circ 60 sx to pit

****cmt'd 1st stage 115sx Lead 11.9ppg Tail 115sx 14.8ppg all "C"; cmt'd 2nd stage 120sx Lead 11.8ppg Tail 75sx 14.8ppg all "C", circ 36 sx to surface

*****cmt'd w/200 sx 11.9 Lead & 130 sx Tail 13.0ppg all "C", circ 27 sx to pits

Time WOC-13 3/8" 13 hrs; 9 5/8" 36 hrs; 7" 16 hrs; 4" 14 days Press Testing-13 3/8" 120 min @ 1000psi, 9 5/8" 30 min 800psi, 7" 120 min 800psi, 4 1/2" 30 min 1000psi

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 3-21-06

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.