

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NMOC

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

5. Lease Serial No.
NM 67102

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)*

RECEIVED

JUL 18 2005

OOD-ANTEDIA

At surface 2090 FNL 2430 FEL UL:G

At top prod. interval reported below SAME

At total depth SAME

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 #306

9. API Well No.

30-015-33711 S1

10. Field and Pool, or Exploratory

PARKWAY DELAWARE UNIT

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)*

3329' GR

14. Date Spudded

11-17-04

15. Date T.D. Reached

12-4-04

16. Date Completed

☐ D&A ☒ Ready to Prod.

18. Total Depth: MD 4620'
TVD

19. Plug Back T.D.: MD 4190'
TVD

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)

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 Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|-------------------------|---------------------------------|----------------------|-------------|---------------|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| | | | | | | | | |

25. Producing Intervals

| Formation | TOP | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-----------------|------|--------|---------------------|------|-----------|--------------|
| A) Delaware "C" | 4122 | 4248 | 4197-4211 | .4 | 15 | Plug Back |
| B) Delaware "C" | 4122 | 4248 | 4216-4228 | .4 | 13 | Plug Back |
| C) Delaware "C" | 4122 | 4248 | 4125-4138 | .4 | 14 | Open |
| D) | | | | | | |

26. Perforation Record

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

| Depth Interval | Amount and Type of Material |
|----------------|------------------------------------|
| 4125-4138 | 31 bbls 15% HCL with 68 bbls Flush |
| | |
| | |

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 |
|------------------------|----------------------------|-----------------|--------------------------|------------|------------|--------------|--------------------------|----------------|-------------------|
| 1-6-05 | 6-6-05 | 24 | <input type="checkbox"/> | 8 | 5 | 38 | | | 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 | 3661 | | | | |
| Delaware "A" | 3897 | 3985 | Not Tested | | |
| Delaware "B" | 3985 | 4122 | Not Tested | | |
| Delaware "C" | 4122 | 4248 | Oil | | |

32. Additional remarks (include plugging procedure):

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 Tech

Signature

Marcie St. GermainDate 6-17-05

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.