

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

SEP 12 2008

5. Lease Serial No.
NMNM111960

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
LOTOS 14 FEDERAL 1

9. API Well No.
30-015-36069

10. Field and Pool, or Exploratory
POKER LAKE; DELAWARE

11. Sec., T., R., M., or Block and Survey
or Area Sec 14 T24S R31E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3574 GL

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Drift Repair
Other

2. Name of Operator
CHESAPEAKE OPERATING, INC. E-Mail: linda.good@chk.com

3. Address P.O. BOX 18496
OKLAHOMA CITY, OK 73154-0496

3a. Phone No. (include area code)
Ph: 405-767-4275

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

At surface SWNW 2310FNL 990FWL

At top prod interval reported below SWNW 2310FNL 990FWL

At total depth SWNW 2310FNL 990FWL

SEP 16 2008

OCD-ARTESIA

14. Date Spudded
06/27/2008

15. Date T.D. Reached
07/17/2008

16. Date Completed
☐ D & A ☒ Ready to Prod.
08/08/2008

18. Total Depth: MD 8500
TVD

19. Plug Back T.D.: MD 8406
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run. (Submit copy of each)
SDL DSNL / DLL GR

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

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 |
|-----------|-------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500 | 13.375 H-40 | 48.0 | | 903 | | 740 | | 0 | |
| 11.000 | 8.625 J-55 | 32.0 | | 4325 | | 1420 | | 0 | |
| 7.875 | 5.500 N-80 | 17.0 | | 8500 | | 1435 | | 6468 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 6545 | | | | | | | |

25. Producing Intervals

26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|------|--------|---------------------|------|-----------|--------------|
| A) DELAWARE | 8284 | 8328 | 8284 TO 8328 | | 20 | OPEN |
| B) DELAWARE | 7171 | 7393 | 7171 TO 7393 | | 18 | OPEN |
| C) DELAWARE | 7025 | 7073 | 7025 TO 7073 | | 12 | OPEN |
| D) DELAWARE | 6713 | 6916 | 6713 TO 6916 | | | OPEN |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------------------------------------------------------------------------------|
| 8284 TO 8328 | ACID W/2000 GAL 15% NEFE + BALL SEALERS - FRAC W/28,644 GAL BFRAC 25 X-LINK GEL (CONT'D IN REMARKS) |
| 7171 TO 7393 | ACID W/2000 GAL 15% NEFE - FRAC W/32,507 GAL BFRAC 25 X-LINK GEL CONTAINING 50,020# 20/40 WHITE SD |
| 7025 TO 7073 | ACID W/2000 GAL 15% NEFE - FRAC W/19,530 GAL BFRAC 25 X-LINK GEL CONTAINING 32,000# 20/40 WHITE SD |
| 6713 TO 6916 | ACID W/2000 GAL 15% NEFE - FRAC W/42,714 GAL BFRAC 25 X-LINK GEL CONTAINING 50,000# 20/40 WHITE SD |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 08/09/2008 | 08/15/2008 | 24 | → | 146.0 | 141.0 | 853.0 | | | ELECTRIC PUMPING UNIT |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | 146 | 141 | 853 | | POW | |

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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

ACCEPTED FOR RECORD

SEP - 5 2008

JERRY FANT
PETROLEUM GEOLOGIST

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #62722 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

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 |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press Flwg SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

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 |
|---------------------|--------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | |
| Choke Size | Tbg. Press Flwg SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas Oil Ratio | Well Status | |
| | | | → | | | | | | |

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 |
|------------------|------|--------|------------------------------|------|-----------------|
| PERMIAN RED BEDS | 0 | 450 | RED BEDS | | |
| CASTILE | 450 | 4508 | SALT/ANHYDRITE | | |
| BASE OF SALT | 4508 | 4553 | LIMESTONE | | |
| TOP OF DELAWARE | 4553 | | | | |
| BELL CANYON | 4553 | 6450 | SAND/SILT/SHALE | | |
| CHERRY CANYON | 6450 | 6656 | SAND/SILT/SHALE | | |
| BRUSHY CANYON | 6656 | 8328 | SAND/SILT/SHALE | | |
| BONE SPRING | 8328 | 8500 | LIMESTONE | | |

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

8284-8328: CONTAINING 50,000# 20/40 WHITE SD, TAIL IN W/16,580# 20/40 SUPER LC, FLUSH W/192 BBL SLK WTR

7171-7396: TAIL IN W/22,260# 20/40 SUPER LC, FLUSH W/171 BBL SLK WTR

7025-7073: TAIL IN W/12,240# 20/40 SUPER LC, FLUSH W/163 BBL SLK WTR

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):

Electronic Submission #62722 Verified by the BLM Well Information System.
For CHESAPEAKE OPERATING, INC., sent to the Carlsbad

Name (please print) LINDA GOOD

Title REGULATORY COMPLIANCE SPEC.

Signature (Electronic Submission)

Date 09/04/2008

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Additional data for transaction #62722 that would not fit on the form

32. Additional remarks, continued

6713-6916: TAIL IN W/20,940# 20/40 SUPER LC, FLUSH W/156 BBL SLK WTR

PLEASE FIND ATTACHED:
WELLBORE SCHEMATIC
DEVIATION REPORT

LOGS MAILED VIA UPS ON 9/4/2008 TO JERRY FANT.

(PN 615816)

SEP 16 2008
OCD-ARTESIA

OPERATOR CHESAPEAKE OPERATING
WELL/LEASE LOTOS 14 FEDERAL
COUNTY EDDY RIG 142

STATE OF NEW MEXICO
DEVIATION REPORT

| | |
|-------|------|
| 215 | 0.75 |
| 505 | 0.75 |
| 882 | 1.00 |
| 1,112 | 0.50 |
| 1,366 | 0.50 |
| 1,816 | 0.75 |
| 2,200 | 0.75 |
| 2,616 | 0.50 |
| 3,060 | 2.00 |
| 3,096 | 0.50 |
| 3,384 | 1.50 |
| 3,512 | 0.75 |
| 3,832 | 2.00 |
| 4,088 | 2.00 |
| 4,261 | 2.00 |
| 4,510 | 0.80 |
| 4,702 | 1.10 |
| 4,862 | 0.60 |
| 4,958 | 0.70 |
| 5,277 | 0.70 |
| 5,438 | 0.50 |
| 5,597 | 0.70 |
| 5,757 | 0.60 |
| 5,918 | 0.40 |
| 6,110 | 0.70 |
| 6,397 | 1.20 |
| 6,557 | 0.80 |
| 6,717 | 0.90 |
| 6,909 | 0.80 |
| 7,219 | 1.70 |
| 7,459 | 1.70 |
| 7,617 | 1.30 |
| 7,776 | 0.70 |
| 7,970 | 1.00 |
| 8,158 | 1.00 |
| 8,500 | 1.00 |

BY: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTJ Drilling Company LLC.

Joni D. Hodges
Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

JULY 24, 2008, by Steve

