Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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SEP - 2006
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FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. LC-060548

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
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. North Square Lake Unit

2. Name of Operator: CBS Operating Corp.

8. Lease Name and Well No. North Square Lake Unit 187

3. Address: P O Box 2236, Midland, TX 79702

3a. Phone No. (include area code): 432/685-0878

9. AFI Well No. 30-015-33102

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1330' FNL & 2490' FWL UL F
At top prod. interval reported below
At total depth

10. Field and Pool, or Exploratory: Square Lake GB SA

11. Sec., T., R., M., on Block and Survey or Area 33-16S-31E

12. County or Parish: Eddy

13. State: NM

14. Date Spudded: 12-9-03

15. Date T.D. Reached: 12-18-03

16. Date Completed: 7-27-06 ☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: 3972' GL

18. Total Depth: MD TVD 3910'

19. Plug Back T.D.: MD TVD 3864'

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
Cased Hole Density Neutron

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 |
|---|---|---|---|---|---|---|---|---|---|
| 12-1/4 | 8-5/8" J-55 | 32# | surface | 685 | N/A | 425 Cl C | | surface | none |
| 7-7/8 | 5-1/2" J-55 | 17# | surface | 3905 | N/A | 1125 ClC | | | none |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|---|---|---|---|---|---|---|---|---|
| 2-7/8 | 3834 | | | | | | | |

25. Producing Intervals / 26. Perforation Record

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|---|---|---|---|---|---|---|
| A) Grayburg SA | 2988 | Below TD | 3310-3604 | .4" | 72 | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

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

| Depth Interval | Amount and Type of Material |
|---|---|
| 3310-3330 | A/2500 g 15% acid. F/62,400 g Silver stim + 90,000# 16/30 Brady sand |
| 3500-3530 | A/500 g acid. F/15,000 g paraffin chem stage + 3000 g.gel pad. abort frac attempt |
| 3582-3604 | A/2000 g 7-1/2% NEFE + 44 ball sealers |

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 |
|---|---|---|---|---|---|---|---|---|---|
| 8-18-04 | 8-18 | 24 | → | 2 | 0 | 241 | | N/A | Pumping |

| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio | Well Status |
|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | SI from 2004-2006 pending evaluation Tied well to battery July,2006 |

28a. Production - Interval B — Now producing

| 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 |
|---|---|---|---|---|---|---|---|---|
| | | | → | | | | | |

*(See instructions and spaces for additional data on page 2)

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.)*

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 |
|---|---|---|---|---|---|
| Grayburg | 2988 | 3480 | Dolomite, sand, anhydrite, oil, gas water | Queen | 2753 |
| San Andres | 3480 | Below TD | Dolomite, sand, anhydrite, oil, gas water | Grayburg<br>San Andres | 2988<br>3480 |

32. Additional remarks (include plugging procedure):

33. Indicate which itmes have been attached by placing a check in the appropriate boxes:

☒ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ 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)* M. A. Sirgo, III Title Engineer

Signature M. A. Sirgo III Date Sept. 25, 2006

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.