

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTOil Cons.  
N.M. Div-Dist. 2  
1301 W. Grand Avenue  
Artesia NM 88210FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG 88210

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

CBS OPERATING CORP.

3. Address

P O BOX 2236 MIDLAND TX 79702

3a. Phone No. (include area code)

432/685-0878

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

At surface 2630' FNL &amp; 1330' FEL UL G

At top prod. interval reported below same

At total depth same

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5. Lease Serial No.

NM-75501

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

NORTH SQUARE LAKE UNIT

8. Lease Name and Well No.

NORTH SQUARE LAKE UNIT 177

9. API Well No.

30-015-32907 SI

10. Field and Pool, or Exploratory

SQUARE LAKE GB-SA

11. Sec., T., R., M., on Block and

Survey or Area 29-16S-31E

12. County or Parish

EDDY

13. State

NM

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

3965' GL

14. Date Spudded

11-4-03

15. Date T.D. Reached

11-12-03

16. Date Completed

☐ D & A ☒ Ready to Prod.

12-3-03

18. Total Depth: MD 3600'  
TVD19. Plug Back T.D.: MD 3550'  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; 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"     | 32#         | surface  | 571'        | N/A                  | 470 Class C                  |                   | surface     | none          |
|           | LS         |             |          |             |                      |                              |                   |             |               |
| 7-7/8     | 5-1/2"     | 17#         | surface  | 3599'       | N/A                  | 950 Class C                  |                   | surface     | none          |
|           | LS         |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |
|           |            |             |          |             |                      |                              |                   |             |               |

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" | 3475           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

26. Perforation Record

| Formation      | Top  | Bottom   | Perforated Interval | Size | No. Holes | Perf. Status |
|----------------|------|----------|---------------------|------|-----------|--------------|
| A) Grayburg SA | 3070 | Below TD | 3310-3514           | .4"  | 260       |              |
| B)             |      |          |                     |      |           |              |
| C)             |      |          |                     |      |           |              |
| D)             |      |          |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material  |
|----------------|--|
| 3310-3406      | A/1500 g 15% + 200 ball sealers F/100632 g brine+gel water 6200# lite prop + 73788# 16/30 sand |
| 3496-3514      | A/1500 g 15% F/19635 g gel wtr + 42287# 16/30 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 |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 12/3                | 12/16                | 24           | →               | 28      | TSTM    | 100       | 36.1                  |             | Pumping           |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio       | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

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

FEB 19 2004

ALEXIS C. SWOBODA  
PETROLEUM ENGINEER

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

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio          | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas : Oil Ratio          | Well Status |                   |

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

## 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   | 3070 | 3404     | Dolomite, sand, anhydrite oil, gas and water | Queen                  | 2676         |
| San Andres | 3404 | Below TD | Dolomite, sand, anhydrite oil, gas and water | Grayburg<br>San Andres | 3070<br>3404 |

## 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) M. A. SARGO, IIITitle ENGINEERSignature Date FEBRUARY 13, 2004

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.

WELL NAME AND NUMBER North Square Lake Unit No. 177  
LOCATION Section 29, T16S, R31E, Eddy County  
OPERATOR CBS Operating Corporation  
DRILLING CONTRACTOR United Drilling, Inc.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      |
|-----------------------------|-----------------------------|-----------------------------|
| <u>1/2° 1022'</u>           | <u>                    </u> | <u>                    </u> |
| <u>1° 1520'</u>             | <u>                    </u> | <u>                    </u> |
| <u>3/4° 2016'</u>           | <u>                    </u> | <u>                    </u> |
| <u>3/4° 2514'</u>           | <u>                    </u> | <u>                    </u> |
| <u>3/4° 3573'</u>           | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |
| <u>                    </u> | <u>                    </u> | <u>                    </u> |

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Drilling Contractor United Drilling, Inc.

By: George A. Aho  
George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 17<sup>th</sup> day of November,  
2003.

Carlene Martin  
Notary Public

My Commission Expires: 100404

Chaves New Mexico  
County State