

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.,  
 Other \_\_\_\_\_

5. Lease Serial No.  
**IC-029431**

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 198**

9. API Well No.  
**30-015-33047**

10. Field and Pool, or Exploratory  
**SQUARE LAKE GB-SA**

11. Sec., T., R., M., on Block and Survey or Area **19-16S-31E**

12. County or Parish **EDDY** 13. State **NM**

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 **1050' FSL & 1450' FEL UL O**  
 At top prod. interval reported below **same**  
 At total depth **same**

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14. Date Spudded **11-25-03** 15. Date T.D. Reached **12-7-03** 16. Date Completed  D & A  Ready to Prod. **1-5-04** 17. Elevations (DF, RKB, RT, GL)\* **3858' GL**

18. Total Depth: MD **3500'** TVD **MD 3495'** 19. Plug Back T.D.: MD **3495'** TVD **MD 3495'** 20. Depth Bridge Plug Set: MD **MD** TVD **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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	32#	surface	451'	N/A	325 Class C		surface	
7-7/8"	5-1/2" J-55	17#	surface	3500'	N/A	825 Class C		surface	

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"	3230'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	2860	3190	2994-3287	.4"	56	
B) San Andres	3190	Below TD				
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
2994-3181	A/3000 g 7.5% acid F/56,839 g gel wtr + 103,064# 16/30 sand
3260-3287	A/1000 g 7.5% acid F/54,500 g gel wtr + 27,020# 16/30 sand

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

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
1/5	1/13	24	→	136	TSTM	256	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	
			→						

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

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.)

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	2860	3190	Dolomite, sand & anhydrite oil, gas and water	Queen	2460
San Andres	3190	Below	Dolomite, sand & anhydrite oil, gas and water	Grayburg	2860
				San Andres	3190

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. STROSO, III Title ENGINEER  
 Signature *M. A. Stroso* Date FEBRUARY 20, 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. 198

LOCATION 1050' FSL & 1450' FEL, 0 Section 19, T16S, R31E, Eddy Co. NM

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° 455'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 519'</u>	<u>                    </u>	<u>                    </u>
<u>1/4° 1016'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° 1525'</u>	<u>                    </u>	<u>                    </u>
<u>1/2° 2008'</u>	<u>                    </u>	<u>                    </u>
<u>1° 2521'</u>	<u>                    </u>	<u>                    </u>
<u>3/4° 3500'</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 10<sup>th</sup> day of December,  
2003.

Carole Martin  
Notary Public

My Commission Expires:

Chaves New Mexico  
County State

