

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

Alamosa, NM 88210

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 _____

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 1100' FSL & 110' FEL UL P

At top prod. interval reported below Same

At total depth Same

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OCD-ARTESIA

5. Lease Serial No.
NM-71796

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 200

9. API Well No.
30-015-33048 S1

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

14. Date Spudded
12-9-03

15. Date T.D. Reached
12-17-03

16. Date Completed
☐ D & A ☒ Ready to Prod.
7-21-04

17. Elevations (DF, RKB, RT, GL)*
3963' GL

18. Total Depth: MD
TVD 3610'

19. Plug Back T.D.: MD
TVD 3565'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Cased hole - Neutron/Density

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	32#	surface	562'	N/A	350 ClassC		surface	none
	LS								
7-7/8	5-1/2	17#	surface	3607'	N/A	950 ClassC		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	3450'	N/A	N/A					

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg San Andres	2994	3565	3440-3470	.4"	30	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3440-3470	Acidize w/2400 g 15% HCL
	Frac w/60,000 g gel water + 80,000# 16/30 sand

ACCEPTED FOR RECORD

AUG 25 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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
7-21	7-23	24	→	40	TSTM	121 BLW	34	NA	Rod pump
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.)

TSTM

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	2994	3425	Anhydrite, dolomite & sand Oil, gas and water	Queen Grayburg	2704 2994
San Andres	3425	Below TD	Anhydrite, dolomite & sand Oil, gas and water	San Andres	3425

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. SIRGO, III Title ENGINEERSignature  Date AUGUST 23, 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. 200

LOCATION 1100' FSL & 110' FEL, P, Section 29, T16S, R31E, Eddy County 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° 541'</u>	<u> </u>	<u> </u>
<u>3/4° 1033'</u>	<u> </u>	<u> </u>
<u>1° 1501'</u>	<u> </u>	<u> </u>
<u>3/4° 2000'</u>	<u> </u>	<u> </u>
<u>1° 2497'</u>	<u> </u>	<u> </u>
<u>3/4° 2998'</u>	<u> </u>	<u> </u>
<u>3/4° 3610'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

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GEOARTESIA

Drilling Contractor United Drilling, Inc.

By: George A. Aho

George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 23rd day of December,
2003.

Carlene Martin

Notary Public

My Commission Expires: 10-04-04

Chaves
County

New Mexico
State