

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

WELL COMPLETION OR RECOMPLETION REPORT

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,
Other _____2. Name of Operator
CBS OPERATING CORP3. Address
P O BOX 2236, MIDLAND TX 797023a. Phone No. (include area code)
432/685-0878

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

At surface 10' FNL & 1310' FEL UL A

At top prod. interval reported below same

At total depth same

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14. Date Spudded
11-14-0315. Date T.D. Reached
11-21-0316. Date Completed
☐ D & A ☒ Ready to Prod.
1-3-045. 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 199

9. API Well No.

30-015-33068 SI

10. Field and Pool, or Exploratory
SQUARE LAKE GB-SA11. Sec., T., R., M., on Block and
Survey or Area 30-16S-31E12. County or Parish
EDDY13. State
NM

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

3863' GL

18. Total Depth: MD
TVD 3415'19. Plug Back T.D.: MD
TVD 3375'20. 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	32#	surface	453'	N/A	500 ClassC		surface	none
7-7/8"	5-1/2" J-55	17#	surface	3410'	N/A	975 ClassC		surface	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"	3240'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Grayburg	2872	3184	2984-3289	.4"	54	
B) San Andres	3184	Below TD				
C)						
D)						

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

Depth Interval	Amount and Type of Material
2984-3178	A/3000 g 7.5% acid F/58,400 g gel wtr + 105,020# 16/30 sand
3272-3289	A/1000 g 7.5% acid F/16,000 g brine + 4000# lite prop, 42,000 g gel wtr + 26,780# 16/30 sand

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
1/3	1/6	24	→	59	TSTM	229	36.1		Pumping
Choke Size	Thg. 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	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

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ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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	2872	3184	Dolomite, sand & anhydrite oil, gas and water	Queen	2448
San Andres	3184	Below TD	Dolomite, sand & anhydrite oil, gas and water	Grayburg	2872
				San Andres	3184

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, IIITitle ENGINEERSignature M. A. SirgoDate 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. 199
LOCATION 10' FNL & 1310' FEL, Section 30, 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>1-3/4° 517'</u>	<u> </u>	<u> </u>
<u>1° 1012'</u>	<u> </u>	<u> </u>
<u>3/4° 1489'</u>	<u> </u>	<u> </u>
<u>3/4° 2002'</u>	<u> </u>	<u> </u>
<u>3/4° 2516'</u>	<u> </u>	<u> </u>
<u>1° 2994'</u>	<u> </u>	<u> </u>
<u>3/4° 3400'</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 24th day of November,
2003.

Carlene Martin
Notary Public

My Commission Expires:

10-04-04

Chaves New Mexico
County State