

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

5. Lease Serial No.
LC-0294311a. 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 UNIT8. Lease Name and Well No.
NORTH SQUARE LAKE UNIT 1989. API Well No.
30-015-33047 SI10. Field and Pool, or Exploratory
SQUARE LAKE GB-SA11. Sec., T., R., M., on Block and
Survey or Area 19-16S-31E12. County or Parish
EDDY13. State
NM17. Elevations (DF, RKB, RT, GL)*
3858' GL

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.
1-5-0418. Total Depth: MD
TVD 3500'19. Plug Back T.D.: MD
TVD 3495'20. 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	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

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

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

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	
			→						

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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	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. SARGO, IIITitle ENGINEERSignature M. A. SargoDate 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 10th day of December,
2003.

Carlene Martin

Notary Public

My Commission Expires:

Chaves New Mexico
County State