

N.M. Oil Cons. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

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Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

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
Walsh and Watts, Inc.

3. Address **1111 Seventh Street
Wichita Falls, TX 76301-2392** 3a. Phone No. (include area code) **940-723-2104**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **660' FNL & 660' FWL Unit Letter "D", Sec. 8, T16S
R31E**
At top prod. interval reported below
At total depth

5. Lease Serial No. **011599 LC 062483**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
North Square Lake Premier Unit

8. Lease Name and Well No.
21

9. AFI Well No.
30-015-04821

10. Field and Pool, or Exploratory
Square Lake (G/SA) North

11. Sec., T., R., M., on Block and
Survey or Area **D-08-16S-31E**

12. County or Parish **Eddy** State **NM**

14. Date Spudded **1/01/1962** 15. Date T.D. Reached **1/07/1962** 16. Date Completed **1/23/1962**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
4016' G.L.

18. Total Depth: MD **3350'** 19. Plug Back T.D.: MD **3323'** 20. Depth Bridge Plug Set: MD
TVD TVD TVD

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

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
11"	8-5/8"	24	0	682	No	100	130	0	0
7-7/8"	4-1/2"	10.5	0	3344	No	200	260	2180	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	3295	None						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Premier Sandstone	3296'	3300'	3296' - 3300'	133	17	Open
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
3296' to 3300'	18,000 #'s sand in 25620 gals oil; 250 gals MCA

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
11-18-05	11-21-05	24	→	1.0	0	39.0	35°	N/A	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 page 2)

ACCEPTED FOR RECORD
DEC - 6 2005
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

well back on production

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
	Ø	680	Red Beds	Yates	1801
	680	790	Anhydrite	Queen	2612
	790	1620	Salt	Grayburg	2996
	1620	3000	Red Beds, Anhydrite & Lime Stringers	Premier	3290
	3000	3340	Lime & Sand		
	3340	3350	White Lime		

32. Additional remarks (include plugging procedure):

Core Analysis submitted in 1962.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☐ 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) Alfred B. Guinn Title Vice-PresidentSignature Alfred B. Guinn Date 11/28/2005

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.