

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources  
  
Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-105  
Revised August 1, 2011

1. WELL API NO.  
30-015-41825  
2. Type of Lease  
 STATE  FEE  FED/INDIAN  
3. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

4. Reason for filing:  
 **COMPLETION REPORT** (Fill in boxes #1 through #31 for State and Fee wells only)  
 **C-144 CLOSURE ATTACHMENT** (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

5. Lease Name or Unit Agreement Name  
6. Well Number:  
North Square Lake Unit #203

7. Type of Completion:  
 NEW WELL  WORKOVER  DEEPENING  PLUGBACK  DIFFERENT RESERVOIR  OTHER

8. Name of Operator Memorial Production Operating, L.L.C. **RECEIVED**

9. OGRID 303900

10. Address of Operator  
1301 McKinney St, Ste 2100 Houston, TX 77010  
SEP 08 2015

11. Pool name or Wildcat  
Square Lake; Grayburg-San Andres

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	J	32	16S	31E		1830	S	1950	E	Eddy
BH:										

13. Date Spudded 8/10/2014	14. Date T.D. Reached 8/15/2014	15. Date Rig Released 8/18/2014	16. Date Completed (Ready to Produce) 2/8/2015	17. Elevations (DF and RKB, RT, GR, etc.) 3907' GL
18. Total Measured Depth of Well 3750'	19. Plug Back Measured Depth 3745'	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run Triple Combo	

22. Producing Interval(s), of this completion - Top, Bottom, Name  
3300' - 3668' Grayburg/San Andres

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	510'	12-1/4"	408 sxs	none
5-1/2"	17#	3750'	7-7/8"	700 sxs	none

**24. LINER RECORD**      **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	3323'	TAC @ 3254'

26. Perforation record (interval, size, and number)  
3450' - 3668', 3 spf  
3300' - 3451', 3 spf

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.  
DEPTH INTERVAL      AMOUNT AND KIND MATERIAL USED  
3450-3668      111,106 lbs proppant / 2000 gals 15% HCl  
3300-3451      113,647 lbs proppant / 2000 gals 15% HCl  
\*Data Uploaded to Frac Focus Website

**28. PRODUCTION**

Date First Production 2/8/2015	Production Method (Flowing, gas lift, pumping - Size and type pump) 2-1/2" x 1-1/2" x 20' RHBC	Well Status (Prod. or Shut-in) Producing					
Date of Test 3/11/2015	Hours Tested 24	Choke Size N/A	Prod'n For Test Period	Oil - Bbl 2	Gas - MCF 250	Water - Bbl. 14	Gas - Oil Ratio 125000/1
Flow Tubing Press. 350	Casing Pressure 65	Calculated 24-Hour Rate	Oil - Bbl. 2	Gas - MCF 250	Water - Bbl. 14	Oil Gravity - API - (Corr.) 36.3	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold

30. Test Witnessed By state agent

31. List Attachments  
wellbore diagram, surveys, log

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.  
Closed Loop

33. If an on-site burial was used at the well, report the exact location of the on-site burial:  
Latitude      Longitude      NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Adonya Dryden*  
Printed Name Adonya Dryden      Title Agent      Date 9/9/2015

E-mail Address adonya.dryden@brammer.com

9/9/15  
ADD

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy		T. Canyon	T. Ojo Alamo
T. Salt	624'	T. Strawn	T. Kirtland
B. Salt		T. Atoka	T. Fruitland
T. Yates	1684'	T. Miss	T. Pictured Cliffs
T. 7 Rivers	1994'	T. Devonian	T. Cliff House
T. Queen	2604'	T. Silurian	T. Menefee
T. Grayburg	3034'	T. Montoya	T. Point Lookout
T. San Andres	3334'	T. Simpson	T. Mancos
T. Glorieta		T. McKee	T. Gallup
T. Paddock		T. Ellenburger	Base Greenhorn
T. Blinbry		T. Gr. Wash	T. Dakota
T. Tubb		T. Delaware Sand	T. Morrison
T. Drinkard		T. Bone Springs	T. Todillo
T. Abo		T.	T. Entrada
T. Wolfcamp		T.	T. Wingate
T. Penn		T.	T. Chinle
T. Cisco (Bough C)		T.	T. Permian

**OIL OR GAS  
SANDS OR ZONES**

No. 1, from.....to..... No. 3, from.....to.....  
 No. 2, from.....to..... No. 4, from.....to.....

**NM OIL CONSERVATION**  
ARTESIA DISTRICT

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

SEP 08 2015

**RECEIVED**

### LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology

*AD*  
9/9/15