

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMLC060543

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.7. If Unit or CA/Agreement, Name and/or No.
NMNM101360X

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION8. Well Name and No.
NORTH SQUARE LAKE UNIT 5

2. Name of Operator

MEMORIAL PRODUCTION OPERATING

Contact: ADONYA DRYDEN

Email: adonya.dryden@brammer.com

9. API Well No.

30-015-10322

3a. Address

1301 MCKINNEY STREET SUITE 2100
HOUSTON, TX 77010

3b. Phone No. (include area code)

Ph: 318-429-2277

10. Field and Pool or Exploratory
SQUARE LAKE GB SA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 20 T16N R31E 1650FSL 990FWL

11. County or Parish, and State

EDDY COUNTY, NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The wellbore is not being changed as far as perms, packer, etc, so the diagram is not included. It is the same configuration as previously filed. See procedure here for casing repair:

PROCEDURE

Perform Safety Checks and Safety Meeting

- 1) Perform a safety meeting prior to rigging up ANY equipment on location. Discuss the job procedure and objective with all personnel on location. Document the safety meeting on the daily report. Make note of all potential risks/hazards, and clearly identify an emergency route and emergency vehicle. Also make note of any new or inexperienced personnel on location.
- 2) Check pressures on tubing, production casing and surface casing. Record pressures on morning reports.

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 03 2014

RECEIVED

12-3-2014

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #258973 verified by the BLM Well Information System
For MEMORIAL PRODUCTION OPERATING, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 09/18/2014.()

Name (Printed/Typed) ANDREW KOBELAN

Title OPERATIONS ENGINEER II

Signature (Electronic Submission)

Date 08/29/2014

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

NOV 19 2014

BUREAU OF LAND MANAGEMENT

CARLSBAD FIELD OFFICE

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 Federal or State official any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Verbal approval given
8/20/2014

Additional data for EC transaction #258973 that would not fit on the form

32. Additional remarks, continued

Workover Rig Work

- 3) MIRU workover rig with reverse unit.
- 4) As of 8/20/2014 we have POOH W/89 jts of 2-3/8" tbg and 5-1/2" x 2-3/8" Arrowset AD-1 pckr. (found a hole in jt #50). We RIH W/RBP and set it at 2975', set retrievable packer at 333' and pressure up on tbg to 500# for 10 minutes. Held pressure. Moved packer up-hole and pressured up on tbg/casing annulus. Held 500# for 10 minutes at a depth of 203' (injection rate down tbg was 2 BPM @ 275#).
- 5) Going forward we plan on doing the following:
- 6) RIH and retrieve RBP @ 2975'. Set RBP @ 350' W/ 10' sand on top of RBP.
- 7) RIH with cmt retainer and set cmt retainer at 203'.
- 8) Mix 200 sx class C neat w/CaCl. Pump down tbg through retainer to squeeze holes.
- 9) Release from retainer and reverse circulate. POOH standing back tbg.
- 10) WOC 24 hrs.
- 11) RU swivel. PU and RIH Bit and drill collars. Drill out cement retainer and cmt. Test squeeze to 500# for 30 minutes. POOH.
- 12) RIH W/tbg and circulate sand off of RBP. POOH W/RBP.
- 13) RIH W/5-1/2" x 2-3/8" Arrowset AD-1 pckr and 2-3/8" tbg. Set packer at 2975'.
- 14) Pressure up on tbg/csg annulus to 500# for 30 minutes (call BLM beforehand so they can witness the test)
- 15) RDMO WOR.