

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM 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.
NMLC029509A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other UNKNOWN OTH

2. Name of Operator

FRONTIER FIELD SERVICES LLC

Contact: MICHAEL W SELKE

E-Mail: mselke@geolex.com

3a. Address

MALJAMAR, NM 88260

3b. Phone No. (include area code)
Ph: 505-842-80008. Well Name and No.
MALJAMAR AGI 29. API Well No.
30-025-4262810. Field and Pool, or Exploratory
AGI

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

Sec 21 T17S R32E Mer NMP SWSE 400FSL 2100FEL
32.813967 N Lat, 103.769748 W Lon

11. County or Parish, and State

LEA 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 type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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 most recently approved ADP indicated that the deviation (DV) tool for the 7-inch production casing would be set at 9,665 feet (9,137 feet TVD). The drilling consultant team requests that the measured depth of the DV tool be raised to 9,323 feet (8,870 feet TVD) to better utilize pre-purchased first stage (THERMALOCK) cement. The first stage cement volume will be 528 cubic feet (50 percent excess) and the second stage cement volume will be 1,760 cubic feet (16 percent excess). Both stages are planned to circulate to the surface. An updated well schematic indicating the proposed change has been attached.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

**Electronic Submission #333024 verified by the BLM Well Information System
For FRONTIER FIELD SERVICES LLC, sent to the Hobbs
Committed to AFMSS for processing by KENNETH RENNICK on 03/08/2016 ()**

Name (Printed/Typed) MICHAEL W SELKE

Title CONSULTANT TO FRONTIER

Signature (Electronic Submission)

Date 03/07/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

**APPROVED
PETROLEUM ENGINEER**

MAR - 8 2016

Kenneth Rennick

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

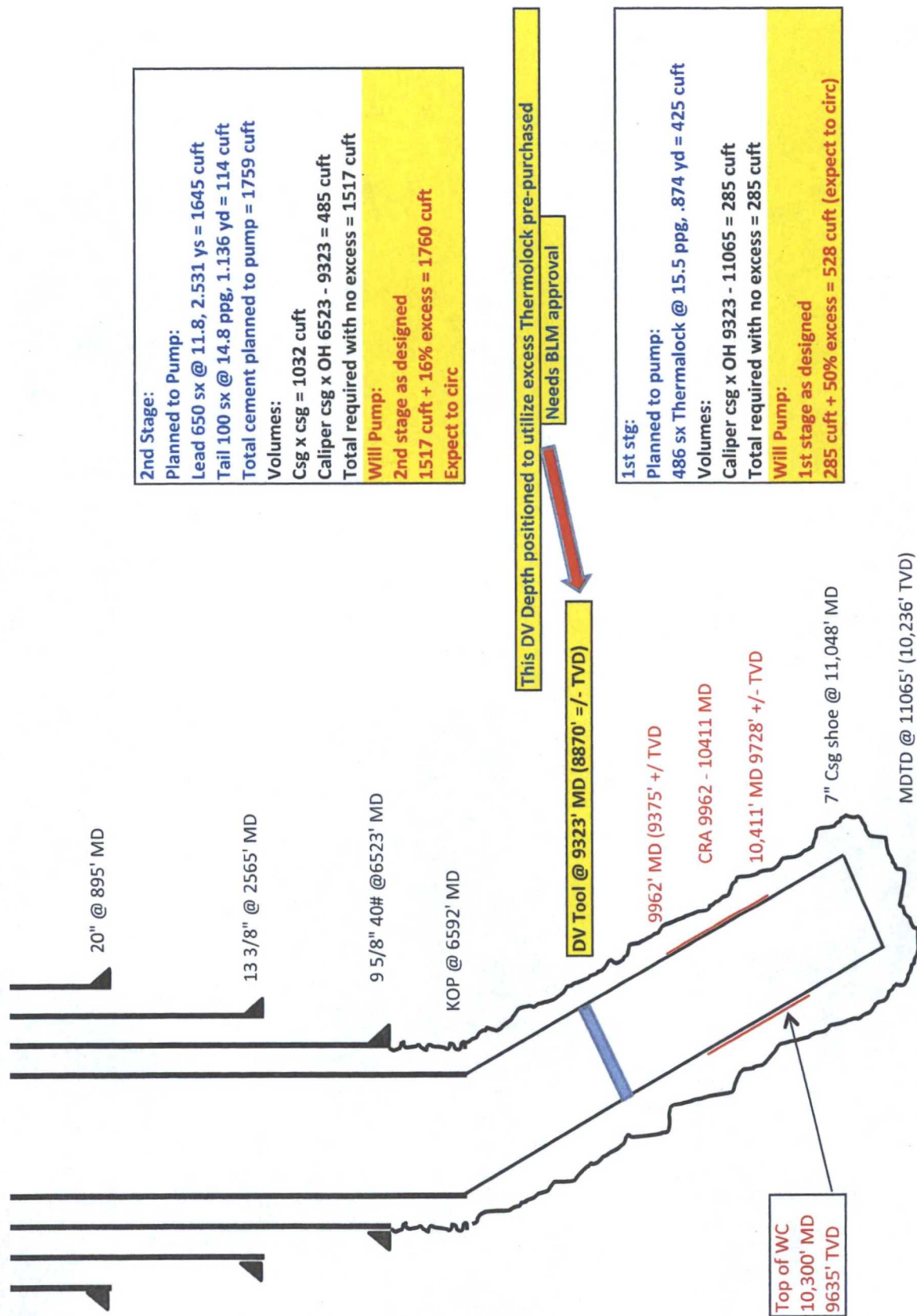
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

MAR 14 2016

Running Horse AGI # 2 7" Cement Job

3/7/16



**Maljamar AGI #2
30-025-42628
Frontier Field Services
Conditions of Approval**

Original COA still applies except for the changes for fill of cement requirement behind the Production casing.

1. The minimum required fill of cement behind the 7 inch Production casing is:

Operator has proposed DV tool at depth of 9323 feet. Operator is to submit sundry if DV tool depth varies by more than 100 feet from approved depth.

- a. **First stage using Class H lead to DV tool and acid resistant CORROSACEM cement Tail:**

☒ Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve circulation on the next stage.

- b. Second stage above DV tool:

☒ Cement to surface. If cement does not circulate, contact the appropriate BLM office. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to acid gas injection. Excess calculates to 21% - Additional cement may be required.**

KGR 03082016