

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.  
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.**8. Well Name and No.  
MALJAMAR AGI 29. API Well No.  
30-025-42628-00-X110. Field and Pool, or Exploratory  
AGI11. County or Parish, and State  
LEA COUNTY, NM

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: UNKNOWN OTH

2. Name of Operator

FRONTIER FIELD SERVICES

Contact: MICHAEL W SELKE

E-Mail: mselke@geolex.com

3a. Address

MALJAMAR, NM 88260

3b. Phone No. (include area code)

Ph: 505-842-8000

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

Sec 21 T17S R32E SWSE 400FSL 2100FEL  
32.485033 N Lat, 103.461081 W Lon

HOBBS OCD

MAR 21 2016

RECEIVED

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 Drilling Operations
	<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 production casing borehole of the Maljamar #2 well was started on Friday morning, February 19, 2016. The 8.75-inch borehole was drilled through 6,523 feet of 9.625-inch second (lower) intermediate casing and completed to a depth of 11,065 feet (10,236 feet TVD) on March 6, 2016. The bottom hole location (BHL) is 355 ft FSL and 713 ft FWL, Section 21(M), T17S, R32E, in Lea County, NM. This location is within 4 percent of the hardline setback distance from the southern lease line.

Prior to completing the borehole, on March 5, 2016, a successful pressure re-test was conducted on the BOP at 250 and 5,000 psi, with the annular tested at 250 and 3,500 psi. On March 8, 2016 a pressure test was conducted on the BOP annular, after changing rams from drill pipe to 7-inch casing. The successful test was performed at 250 and 3,500 psi. Results of the BOP pressure tests and the Final Directional Survey EOW Summary Report are provided in Attachment A.

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

Electronic Submission #333414 verified by the BLM Well Information System

For FRONTIER FIELD SERVICES, sent to the Hobbs

Committed to AFMSS for processing by ASHLEY PEREZ on 03/11/2016 (16KGR0042SE)

Name (Printed/Typed) MICHAEL W SELKE

Title CONSULTANT TO FRONTIER

Signature (Electronic Submission)

Date 03/10/2016

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

Kenneth Bernard

(BLM Approver Not Specified)

Title Petroleum Engineer

Date 03/14/2016

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 Hobbs

CFD

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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.

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## **Additional data for EC transaction #333414 that would not fit on the form**

### **32. Additional remarks, continued**

Open hole electric logs were run on March 7, 2016. They include (1) Annular Hole Volume, (2) Spectral Density-Dual Spaced Neutron-Spectral Gamma Ray, (3) Dual Laterolog-Micro Guard, and (4) Wave Sonic-XRMI and are provided in Attachment B (1-4).

The production casing was constructed of 251 joints of 7-inch, 29 lb/ft, HCL-80 grade, LTC casing, with a DV tool at 9,323 feet (8,870 feet TVD) as approved in the previous NOI sundry. Additionally, 16 joints of 7-inch, 32 lb/ft, G3-110 grade, VAM Top HC, CRA casing was installed 21 feet (16 vertical feet) above the planned perforation section from 9,794 feet (9,237 feet TVD) to 10,239 feet (9,587 feet TVD). An updated schematic of the Maljamar AGI #2 well design and final installation pipe tally are provided in Attachment C.

Halliburton provided the services for the Maljamar AGI #2 production casing two-stage cement job. The compressive strength test results were onsite before the start of cement job and Geolex provided the report to the BLM via email for their review prior to cementing.

The first stage of the production casing for Maljamar AGI #2 was cemented on Wednesday evening, March 9, 2016 using 486 sacks of THERMALOCK (trade mark) SYSTEM, with a yield of 0.883 cubic feet per sack. Approximately 28 bbls of stage #1 cement from above the DV tool was circulated to the surface.

The second stage of the production casing was cemented on early Thursday morning, March 10, 2016 using a lead of 650 sacks of ECONOCHEM H (trade mark) SYSTEM, with a yield of 2.465 cubic feet per sack and a tail of 100 sacks of CORSSACHEM (trade mark) SYSTEM with a yield of 1.136 cubic feet per sack. Forty bbls (90 sacks) of stage #2 cement was circulated to the surface, as documented by Geolex. BLM representatives were notified but were not available to witness the job on-site. The DV tool plug was bumped at approximately 9:15 am and the wait on cement (WOC) time will be at least 24 hours, as no down hole activities will be performed until completion. Halliburton cement laboratory reports, summary job report, and circulation photographs are provided in Attachment D.