

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.

HOBBS OCD
NOV 14 2016
RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION	8. Well Name and No. MALJAMAR AGI 2
2. Name of Operator FRONTIER FIELD SERVICES, LLC Contact: JULIE DOSSEY E-Mail: jdossey@akaenergy.com	9. API Well No. 30-025-42628
3a. Address 65 MERCADO STREET SUITE 250 DUIRANGO, CO 81301	10. Field and Pool, or Exploratory WOLFCAMP
3b. Phone No. (include area code) Ph: 970-764-6678 Fx: 970-375-2216	11. County or Parish, and State LEA COUNTY, NM
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T17S R32E Mer NMP SWSE 400FSL 2000FEL ✓ 32.813967 N Lat, 103.769748 W Lon	

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
	<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 recomplete 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 recompletion 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.)

In compliance with the approved APD attached is a list of operators notified within a 1 mile radius for the approximate commencement date of injection at the AGI #2 well.
Also attached is an example of the letter sent to the operators and a map showing the worst possible case scenario for H2S exposure areas.

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

**Electronic Submission #345859 verified by the BLM Well Information System
For FRONTIER FIELD SERVICES, LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/23/2016 ()**

Name (Printed/Typed) JULIE DOSSEY	Title PERMITTING AND LAND
Signature (Electronic Submission)	Date 07/26/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

OCT 25 2016

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

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 _____		

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.

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

MKS/OCD
11/17/2016



July 6, 2016

Cimarex Energy Company
600 North Marienfield Street, #600
Midland TX 79701

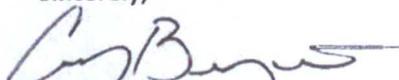
Re: Notice of Commencement of Injection Operations
Maljamar AGI #2 – Acid Gas Injection Well
Section 21, T17S, R32E, N.M.P.M.

Dear Sir/Madam,

In compliance with the BLM approved Application for Permit to Drill API number 30-025-42628, Frontier Field Services, LLC is providing notice to operators within a one mile radius of the Maljamar AGI #2 well of its intent to commence acid gas injection operations into the Wolfcamp formation on approximately August 1, 2016. The injected fluid is composed of up to 25% H₂S and 75% CO₂. The surface-hole location is 400' FSL, 2100' FEL and the bottom-hole location is 350' FSL and 650' FWL in Section 21, Township 17 South, Range 32E. Enclosed for your information is a map showing the radius of exposure for the possible worst case scenario H₂S exposure from the existing AGI #1 injection well and the recently completed AGI #2 injection well should a release occur.

If you have any questions, please call me at (970) 764-6664.

Sincerely,


Coy Bryant
Director of Operations

65 Mercado Street, Suite 250
Durango, Colorado 81301
970.764.6650 - 970.375.2216 (Fax)

Radius of Exposure

500 ppm ROE (0.35 Miles from Sources)

100 ppm ROE (0.77 miles from Sources)

Evacuation Routes

Primary → → →

Secondary → → →



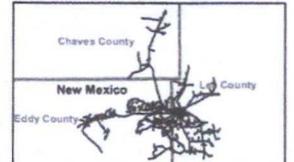
FRONTIER Geographic Information Systems

Author: Ed McCasland, Modified by: Michael Miller
 File: H:\Projects\GIS\Projects\100727_MaljamarRoadblocks_Outline_H2S_R06_100727_S1.mxd
 Coordinate System: NAD 1983 UTM Zone 13N
 Projection: Transverse Mercator
 Datum: North American 1983
 False Easting: 500,000.0000
 False Northing: 0.0000
 Central Meridian: -105.0000
 Scale Factor: 0.9999
 Latitude Of Origin: 0.0000
 Units: Meter

0 250 500 1,000 1,500
 Foot
 1 inch = 1,000 feet
 Date: 7/26/2015

MALJAMAR AGI #2 - H2S INJECTION WELL
 SEC 21, T17S, R32E SHL=400' FSL, 2100' FEL, BHL=350' FSL, 650' FWL

500 and 100 ppm H2S Map
 Roadblocks, Evacuation Routes and Emergency Assembly Areas



**OPERATORS WITHIN 1 MILE RADIUS OF FRONTIER FIELD SERVICES, LLC
MALJAMAR AGI #2 INJECTION WELL
SURFACE = 400 FSL, 2100 FEL, SECTION 21, T17S, R32E
BHL = 350' FSL, 650' FWL SECTION 21, T17S, R32E**

Cimarex Energy Company
600 North Marienfield Street #600
Midland, TX 79701

ConocoPhillips Co.
P.O. Box 7500
Bartlesville, OK 74005

COG Oil & Gas LP
550 W. Texas Ave. #1300
Midland, TX 79701

COG Operating, LLC
One Concho Center
600 W. Illinois Ave.
Midland, TX 79701

Frontier Field Services, LLC (owner of the AGI #2)
65 Mercado Street, Suite 250
Durango CO 81301

Mack Energy Corporation
P.O. Box 960
11352 Lovington Hwy
Artesia, NM 88210

Devon Energy Production Company, L.P.
333 W. Sheridan Ave
OKC - OK - 73102-5015