

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.
NMNM080273

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
HANSON FEDERAL 1

2. Name of Operator
MUSTANG RESOURCES LLC
Contact: DEB LEMON
E-Mail: dlemon@mustangresourcesllc.com

9. API Well No.
30-039-20048-00-S1

3a. Address
1660 LINCOLN ST. SUITE 1450
DENVER, CO 80264

3b. Phone No. (include area code)
Ph: 720-550-7507 Ext: 105

10. Field and Pool or Exploratory Area
OTERO CHACRA

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 3 T23N R7W NWSW 1650FSL 0700FWL
36.252731 N Lat, 107.568283 W Lon

11. County or Parish, State
RIO ARRIBA COUNTY, NM

12. CHECK THE 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"/> Hydraulic Fracturing	<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 Workover 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 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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Mustang Resources, LLC requests approval to perform the attached squeeze procedure at the Hanson Federal #1.

NMOCD
JUL 25 2019
DISTRICT III

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

**Electronic Submission #473053 verified by the BLM Well Information System
For MUSTANG RESOURCES LLC, sent to the Farmington
Committed to AFMSS for processing by JOE KILLINS on 07/16/2019 (19JK0099SE)**

Name (Printed/Typed) DEB LEMON	Title REGULATORY MANAGER
Signature (Electronic Submission)	Date 07/12/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JOE KILLINS</u>	Title <u>ENGINEER</u>	Date <u>07/16/2019</u>
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 <u>Farmington</u>

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.

(Instructions on page 2) **** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

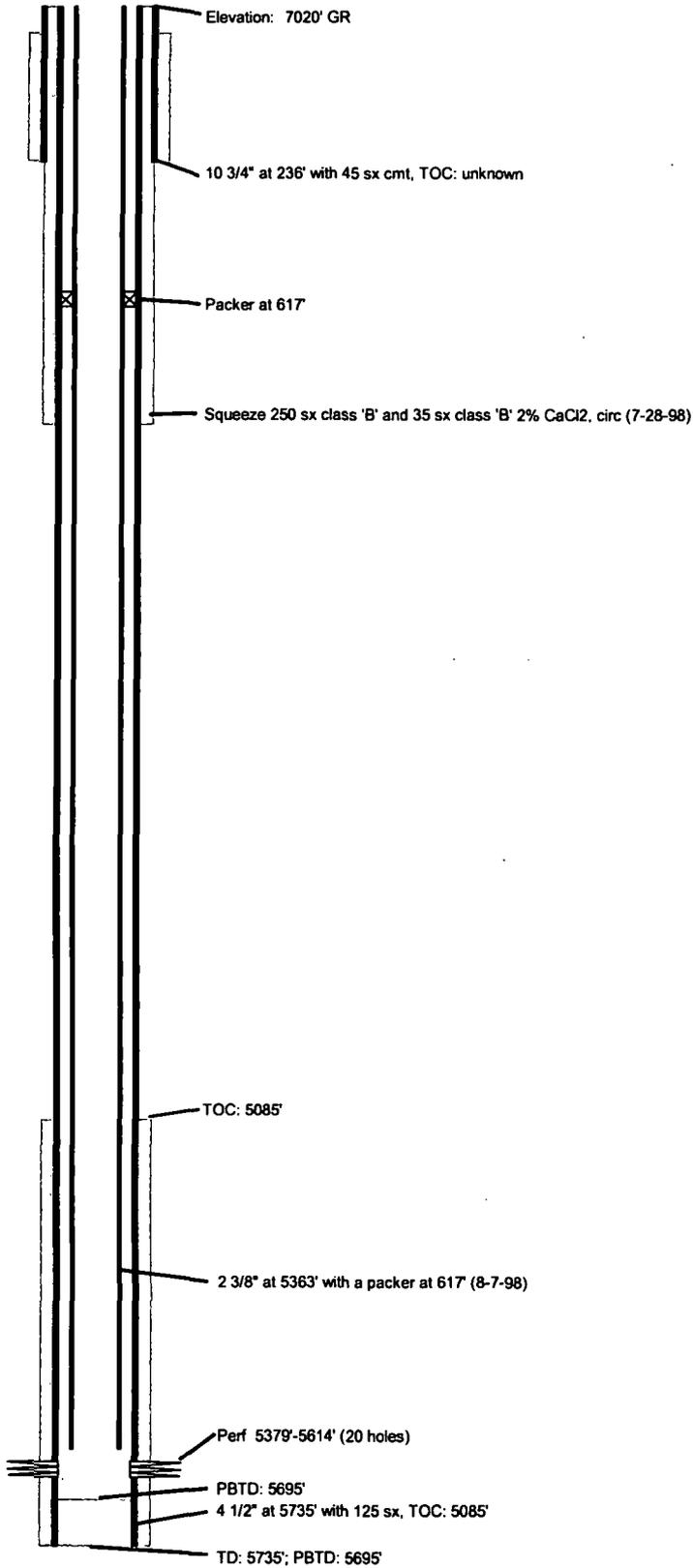
Well Name: Hanson Fed #1
 API Number: 30-039-20048
 Location: S3, T23N, R7W
 County: San Juan

Note: Follow all NMOCD Rules and Regulations.
 Mustang Resources LLC Contact: Chuck Dobie 661-301-5802
 Note: for all plugs, assume 15.8ppg Density and a 1.15 cf/sx yield.

4-1/2", 10.5# Capacity 0.0896 ft3/ft
 0.01596 bbl/ft
 ID 4.052 Inches

<u>Step</u>	<u>Description</u>
1	Prior to work, check lease roads, test rig anchors, arrange for fresh water on location
2	Prior to rig, verify wellhead connections for any flanges, DSA's and BOPE necessary.
3	Notify NMOCD 48 hours before commencing rig operations
4	MIRU workover rig with 2M Class II BOPE.
5	Kill well, if necessary with produced water (well likely at low to no pressure)
6	Fill 400 bbl tank with produced water for kill operations to be used as necessary.
7	Keep hole to RBP full of fluid at all times
8	TOOH w/production tubing (2 3/8", 4.7 ppf, J-55 at 5363').
9	Visually inspect tubing. Move in work string if needed
10	RIH with 4-1/2" all weight scraper and bit in tandem to PBSD at 5695' (or at least to bottom perf at 5614')
11	POOH and L/D bit and scraper.
11A	TIH RBP to 800' and set
12	P/U and RIH with tubing open ended to 700'.
13	Plug 1 Circulate well. Balance plug from 700' - 500' with 19 sacks of Class 'G' Cement
14	POOH minimum 200' above cement. Reverse circ tubing clean. POOH standing back tubing.
15	Shut in Casing and pressure 4 1/2" casing to 750 psi.
16	Shut down rig and WOC
17	Rig up power swivel.
18	RIH with bit on tubing. Drill out cement.
19	POOH and remove bit.
19A	Pressure Test casing to 600 psi for 30 minutes w/chart recorder
19B	TIH and retrieve RBP at 800'
20	Run tubing back in hole with pump shoe to mid perf
21	RIH with rods and insert pump.
22	RTP

Hanson Federal #1



Location: Surface: 1650' FSL, 700' FWL,
Sec 3, T23N, R7W, Rio Arriba
County, New Mexico

Field: Lybrook

Zone: Gallup

API #: 30-039-20048

Spud Date: July 18, 1967
Originally drilled by Byron Oil Industries.
Revised: 7/2/2007

8/6/1998 Spot 130.2 gal 15% HCl, pump 1890 gal 15% HCl @ 2.6 BPM

4-1/2" 10.5#

0.0896 ft³/ft

Assume 1.15 cf/sk

Plug #1

-----Balanced Plug-----

Top

500

Bottom

700

Volume

21.5 cf x 20% S:

Round Up

22 cf

Total Sacks

19.1 sx