

Form 3160-5  
(June 2015)

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.  
NMNM15091

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.  
ROJO 7811 22 FEDERAL COM 29H

2. Name of Operator Contact: SAMMY HAJAR  
BTA OIL PRODUCERS E-Mail: shajar@btaoil.com

9. API Well No.  
30-025-46091-00-X1

3a. Address  
104 SOUTH PECOS STREET  
MIDLAND, TX 79701

3b. Phone No. (include area code)  
Ph: 432-682-3753

10. Field and Pool or Exploratory Area  
BOBCAT DRAW-UPR WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
  
Sec 22 T25S R33E SWSE 420FSL 1340FEL  
32.109936 N Lat, 103.555984 W Lon

11. County or Parish, State  
  
LEA 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 Change to Original APD
	<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.

BTA OIL PRODUCERS LLC RESPECTFULLY REQUESTS THE FOLLOWING CASING, DRILLING DESIGN, AND VARIANCE CHANGES TO THE ORIGINAL APD AS APPROVED. PLEASE SEE ATTACHED DOCUMENT FOR MORE DETAILS.

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

**Electronic Submission #541441 verified by the BLM Well Information System  
For BTA OIL PRODUCERS, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/18/2020 (21PP0910SE)**

Name (Printed/Typed) SAMMY HAJAR

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 12/18/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By OLABODE AJIBOLA

Title PETROLEUM ENGINEER

Date 01/04/2021

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

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 \*\***

**Revisions to Operator-Submitted EC Data for Sundry Notice #541441**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	NMNM15091	NMNM15091
Agreement:		
Operator:	BTA OIL PRODUCERS, LLC 104 S. PECOS MIDLAND, TX 79701 Ph: 432-682-3753	BTA OIL PRODUCERS 104 SOUTH PECOS STREET MIDLAND, TX 79701 Ph: 432.682.3753 Fx: 432.683.0325
Admin Contact:	SAMMY HAJAR REGULATORY ANALYST E-Mail: shajar@btaoil.com  Ph: 432-682-3753	SAMMY HAJAR REGULATORY ANALYST E-Mail: shajar@btaoil.com  Ph: 432-682-3753
Tech Contact:	SAMMY HAJAR REGULATORY ANALYST E-Mail: shajar@btaoil.com  Ph: 432-682-3753	SAMMY HAJAR REGULATORY ANALYST E-Mail: shajar@btaoil.com  Ph: 432-682-3753
Location:		
State:	NM	NM
County:	LEA COUNTY	LEA
Field/Pool:	BOBCAT DRAW;UPPER WOLFCAM	BOBCAT DRAW-UPR WOLFCAMP
Well/Facility:	ROJO 7811 22 FEDERAL COM 29H Sec 22 T25S R33E SWSE 420FSL 1340FEL 32.109935 N Lat, 103.555985 W Lon	ROJO 7811 22 FEDERAL COM 29H Sec 22 T25S R33E SWSE 420FSL 1340FEL 32.109936 N Lat, 103.555984 W Lon

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>BTA Oil Producers LLC</b>
<b>LEASE NO.:</b>	<b>NMNM015091</b>
<b>WELL NAME &amp; NO.:</b>	<b>ROJO 7811 22 FEDERAL COM 29H</b>
<b>SURFACE HOLE FOOTAGE:</b>	420'/S & 1340'/E
<b>BOTTOM HOLE FOOTAGE:</b>	100'/N & 2260'/E
<b>LOCATION:</b>	Section 22, T.25 S., R.33 E., NMPM
<b>COUNTY:</b>	Lea County, New Mexico

COA

H2S	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input checked="" type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High
Variance	<input type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input type="radio"/> Conventional	<input type="radio"/> Multibowl	<input checked="" type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input type="checkbox"/> Fluid Filled	<input type="checkbox"/> Cement Squeeze	<input type="checkbox"/> Pilot Hole
Special Requirements	<input type="checkbox"/> Water Disposal	<input checked="" type="checkbox"/> COM	<input type="checkbox"/> Unit

**All Previous COAs Still Apply.**

### A. CASING

1. The **10-3/4** inch surface casing shall be set at approximately **1160 feet** (a minimum of 25 feet (Lea County) into the Rustler Anhydrite and above the salt) and cemented to the surface.
  - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
  - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
  - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
  - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

2. The minimum required fill of cement behind the **7-5/8** inch intermediate casing, which shall be set at approximately **12,309** feet is:

**Option 1 (Single Stage):**

- Cement to surface. If cement does not circulate see B.1.a, c-d above. **Excess cement calculates to -44%, additional cement might be required.**

**Option 2:**

Operator has proposed a DV tool, the depth may be adjusted as long as the cement is changed proportionally. The DV tool may be cancelled if cement circulates to surface on the first stage.

- a. First stage to DV tool: Cement to circulate. If cement does not circulate off the DV tool, contact the appropriate BLM office before proceeding with second stage cement job.

**Excess cement calculates to -5%, additional cement might be required.**

- b. Second stage above DV tool:

- Cement to surface. If cement does not circulate, contact the appropriate BLM office.

3. The minimum required fill of cement behind the **5 1/2 X 5** inch production casing is:

- Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

## B. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).'
- 2.

### Option 1:

- a. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **3000 (3M) psi**.
- b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **10,000 (10M) psi**. **Variance is approved to use a 5000 (5M) Annular which shall be tested to 5000 (5M) psi.**

### Option 2:

1. Operator has proposed a multi-bowl wellhead assembly. This assembly will only be tested when installed on the surface casing. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **10,000 (10M) psi**. **Variance is approved to use a 5000 (5M) Annular which shall be tested to 5000 (5M) psi.**
  - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
  - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
  - c. Manufacturer representative shall install the test plug for the initial BOP test.
  - d. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
  - e. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.

## C. SPECIAL REQUIREMENT (S)

### **Communitization Agreement**

- The operator will submit a Communitization Agreement to the Carlsbad Field Office, 620 E Greene St. Carlsbad, New Mexico 88220, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

**OTA01042021**

BTA OIL PRODUCERS LLC RESPECTFULLY REQUEST THE FOLLOWING CHANGES TO THE ORIGINAL APD AS APPROVED.

## **Mud Program 29H:**

### **Original Permit**

- Surface Section – Fresh water 8.4 ppg
- Intermediate – Brine 10.0 – 10.2 ppg
- 2nd Intermediate – Cut brine 8.6 – 9.2 ppg
- Production – OBM 11.5 – 12.0 ppg

### **Proposed Change**

- Surface Section – Fresh water 8.3 - 8.4 ppg
- Intermediate – DBE 9.0 - 9.4 ppg
- Production – OBM 11.5 – 12.0 ppg

## **Casing Programs**

### **Casing Program 29H**

#### **Original APD**

- Surface  
13-3/8" 54.5# J-55 STC set at 1160' in a 17-1/2" hole
- Intermediate  
9-5/8" 40# J-55 @ 5050' in an 12-1/4" hole
- 2<sup>nd</sup> Intermediate  
7" 29# P-110 @ 12720' in an 8-3/4" hole
- Liner  
4-1/2" 11.6# P-110 liner from 12133' – 17630' in a 6-1/8" hole

#### **Proposed Change**

- Surface  
10-3/4" 40.5# J-55 STC set at 1160' in a 14-3/4" hole
- Intermediate  
9-7/8" hole from 1160' to 8041' and 8-3/4" hole from 8041' – 12309'. 7-5/8" 29.7# P-110 BTC from 0 - 7700' and 7-5/8" 29.7# P-110 Cobra SP semi flush from 7700' – 12309' and DV tool at 4975'
- Production  
12109' of 5-1/2" 20# P-110 BTC and 5711' of 5" 18# P-110 BTC set at 17834' (12858' TVD) in a 6-3/4" hole

## **Cement Programs**

### **Rojo #29H**

#### **Original**

- Surface Cement  
Lead 690 sx; 1.8 cfs; 13.5 ppg; 100% Class C; 100% excess  
Tail 200 sx; 1.34 cfs; 14.8 ppg; 100% Class C; 100% excess
- Intermediate Cement  
Lead 1195 sx; 2.18 cfs; 12.7 ppg 100% Class C; 100% excess  
Tail 250 sx; 1.33 cfs; 14.8 ppg; 100% Class C; 25% excess
- 2<sup>nd</sup> Intermediate Cement  
Lead 450 sx; 2.99 cfs; 10.5 ppg 100% TXL; 15% excess  
Tail 200 sx; 1.19 cfs; 15.6 ppg; 100% Class H; 15% excess

-Liner Cement

Lead 315 sx; 1.86 cfs; 13.2 ppg; 50:50 Class H; 10% excess

**Proposed Change**

-Surface Cement

Lead 570 sx; 1.80 cfs; 13.5 ppg; 100% Class C; 100% excess

Tail 200 sx; 1.34 cfs; 14.8 ppg; 100% Class C; 100% excess

-Intermediate Cement

Stage 1 Lead 385 sx; 2.63 cfs; 10.5 ppg; 50:50 Class H; 25% excess

Stage 1 Tail 400 sx; 1.19 cfs; 15.6 ppg; 100% Class H; 25% excess

Stage 2 Lead 730 sx; 2.19 cfs; 12.7 ppg 100% Class C; 50% excess

Stage 2 Tail 150 sx; 1.33 cfs; 14.8 ppg; 100% Class C; 50% excess

-Production Cement

Lead 715 sx; 1.52 cfs; 13.5 ppg; 50% POZ 50% Class H; 0% excess

Tail 635 sx; 1.27 cfs; 14.8 ppg; 50% POZ 50% Class H; 10% excess

**Variances:**

-5M BOP on 9-7/8" hole

-10M BOP with 5M annular for 6-3/4" hole

-Wave the centralizer requirements for the 5-1/2" and 5" casing in the 6-3/4" hole size. An expansion additive will be utilized in the cement slurry for the entire length of the 6-3/4" hole interval to maximize cement bond and zonal isolation.

**District I**

1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**

811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720

**District III**

1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**

1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505**

CONDITIONS

Action 16438

**CONDITIONS OF APPROVAL**

Operator:	BTA OIL PRODUCERS, LLC	104 S Pecos	Midland, TX79701	OGRID:	260297	Action Number:	16438	Action Type:	C-103X
OCD Reviewer				Condition					
pkautz				Condition	None				