

Well Name: MESA B 8115 FED COM	Well Location: T26S / R33E / SEC 7 / NENE / 32.064198 / -103.605431	County or Parish/State: LEA / NM
Well Number: 14H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0160973	Unit or CA Name: MESA B 8105 JV-P COM	Unit or CA Number: NMNM82045
US Well Number: 3002546739	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

Notice of Intent

Sundry ID: 2649470

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 12/17/2021	Time Sundry Submitted: 10:47
Date proposed operation will begin: 12/25/2021	

Procedure Description: BTA OIL PRODUCERS LLC RESPECTFULLY REQUESTS THE FOLLOWING MUD, CASING, AND CEMENT CHANGES TO THE ORIGINAL APD AS APPROVED. PLEASE SEE ATTACHED DOCUMENT FOR MORE DETAILS.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Mesa\_B\_8115\_Fed\_Com\_14H\_Sundry\_12\_17\_21\_20211217104718.pdf

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Conditions of Approval

Specialist Review

MESA\_B\_8115\_Fed\_Com\_14H\_Sundry\_2649470\_Drilling\_COA\_OTA\_20211219203241.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

<b>Operator Electronic Signature:</b> SAMMY HAJAR	<b>Signed on:</b> DEC 17, 2021 10:47 AM
<b>Name:</b> BTA OIL PRODUCERS LLC	
<b>Title:</b> Regulatory Analyst	
<b>Street Address:</b> 104 S. Pecos	
<b>City:</b> Midland	<b>State:</b> TX
<b>Phone:</b> (432) 682-3753	
<b>Email address:</b> shajar@btaoil.com	

Field Representative

<b>Representative Name:</b>		
<b>Street Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>Phone:</b>		
<b>Email address:</b>		

BLM Point of Contact

<b>BLM POC Name:</b> AJIBOLA OLABODE	<b>BLM POC Title:</b> Engineer
<b>BLM POC Phone:</b> 5752342231	<b>BLM POC Email Address:</b> OAJIBOLAEIT@BLM.GOV
<b>Disposition:</b> Approved	<b>Disposition Date:</b> 12/19/2021
<b>Signature:</b> Olabode Thomas Ajibola	

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>BTA Oil Producers</b>
<b>LEASE NO.:</b>	<b>NMNM160973</b>
<b>WELL NAME &amp; NO.:</b>	<b>MESA B 8115 Fed Com 14H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>400'/N &amp; 800'/E</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>50'/S &amp; 330'/E</b>
<b>LOCATION:</b>	<b>Section 7, T.26 S., R.33 E., NMPM</b>
<b>COUNTY:</b>	<b>Lea County, New Mexico</b>

COA

H2S	<input type="radio"/> Yes	<input checked="" type="radio"/> No	
Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input type="radio"/> Low	<input checked="" type="radio"/> Medium	<input type="radio"/> High
Cave/Karst Potential	<input type="radio"/> Critical		
Variance	<input type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	<input type="radio"/> Both
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP
Other	<input checked="" 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

#### Casing Design:

1. The **10-3/4** inch surface casing shall be set at approximately **890** 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 **11,371** 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 -29%, 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 23%, additional cement might be required.**
  - b. Second stage above DV tool:
    - Cement to surface. If cement does not circulate, contact the appropriate BLM office.  
**Excess cement calculates to 15%, additional cement might be required.**
    - ❖ In Medium Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.
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. 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 **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.

**OTA12192021**

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

**Mud Program Mesa B 8115 Fed Com #14H:**

***Approved Sundry (Approved 8/5/21)***

- Surface Section – Fresh water 8.4 ppg
- Intermediate – DBE 10.0 – 10.2 ppg
- Production – Cut Brine 8.9 – 9.4 ppg

***Proposed Change***

- Surface Section – Fresh water 8.3 - 8.4 ppg
- Intermediate – DBE 9.0 - 9.4 ppg
- Production – DBE 9.8 – 10.4 ppg

**Casing Programs**

**Mesa B 8115 Fed Com #14H**

***Approved Sundry (Approved 8/5/21)***

- Surface  
13-3/8” 54.5# J-55 STC set at 890’ in a 17-1/2” hole
- Intermediate  
9-5/8” 40# J-55 @ 4783’ in a 12-1/4” hole
- Production Casing  
5-1/2” 17# P-110 @ 15879’ in an 8-3/4” hole

***Proposed Change***

- Surface  
10-3/4” 40.5# J-55 STC set at 890’ in a 14-3/4” hole
- Intermediate  
9-7/8” hole from 890’ to 8041’ and 8-3/4” hole from 8041’ – 11371’. 7-5/8” 29.7# P-110 BTC from 0 - 7700’ and 7-5/8” 29.7# P-110 Stinger HC from 7700’ – 11371’ and DV tool at 4797’
- Production  
11171’ of 5-1/2” 20# P-110 BTC and 5728’ of 5” 18# P-110 BTC set at 16898’ in a 6-3/4” hole

**Cement Programs**

**Mesa B 8115 Fed Com #14H**

***Approved Sundry (Approved 8/5/21)***

- Surface Cement  
Lead 450 sx; 1.73 cfs; 13.5 ppg; 100% Class C; 100% excess  
Tail 340 sx; 1.35 cfs; 14.8 ppg; 100% Class C; 100% excess
- Intermediate Cement  
Lead 1245 sx; 2.46 cfs; 12.9 ppg 100% Class C; 100% excess  
Tail 250 sx; 1.34cfs; 14.8 ppg; 100% Class C; 25% excess
- Production Cement  
Lead 600 sx; 3.9 ft3/sx; 10.5 ppg; 100% Class C; 60% excess  
Tail 1510 sx; 100% Class H; 14.4 ppg, 1.25 ft3/sx; 25% excess

***Proposed Change***

- Surface Cement  
Lead 400 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

Stage 1 Lead 275 sx; 2.64 cfs; 10.5 ppg; 50:50 Class H; 15% excess  
Stage 1 Tail 400 sx; 1.19 cfs; 15.6 ppg; 100% Class H; 15% excess  
Stage 2 Lead 705 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 635 sx; 1.27 cfs; 14.8 ppg; 100% Class H; 10% excess

**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 67917

**CONDITIONS**

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 67917
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	None	12/21/2021