

Well Name: MESA B 8115 FED COM	Well Location: T26S / R33E / SEC 7 / NENE / 32.064032 / -103.60543	County or Parish/State: LEA / NM
Well Number: 16H	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: 3002546856	Well Status: Approved Application for Permit to Drill	Operator: BTA OIL PRODUCERS LLC

Notice of Intent

Sundry ID: 2649474

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 12/17/2021	Time Sundry Submitted: 10:49
Date proposed operation will begin: 12/25/2021	

Procedure Description: BTA OIL PRODUCERS LLC RESPECTFULLY REQUESTS THE FOLLOWING MUD, CASING, AND CEMENTCHANGES 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_16H_Sundry_12_17_21_20211217104931.pdf

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Conditions of Approval

Specialist Review

MESA_B_8115_Fed_Com_16H_Sundry_2649474_Drilling_COA_OTA_20211219214310.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.

Operator Electronic Signature: SAMMY HAJAR	Signed on: DEC 17, 2021 10:49 AM
Name: BTA OIL PRODUCERS LLC	
Title: Regulatory Analyst	
Street Address: 104 S. Pecos	
City: Midland	State: TX
Phone: (432) 682-3753	
Email address: shajar@btaoil.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

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

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	BTA Oil Producers
LEASE NO.:	NMNM160973
WELL NAME & NO.:	MESA B 8115 Fed Com 16H
SURFACE HOLE FOOTAGE:	475'/N & 1340'/E
BOTTOM HOLE FOOTAGE:	50'/S & 1650'/E
LOCATION:	Section 7, T.26 S., R.33 E., NMPM
COUNTY:	Lea County, New Mexico

COA

H2S	☐ Yes	☒ No	
Potash	☒ None	☐ Secretary	☐ R-111-P
Cave/Karst Potential	☐ Low	☒ Medium	☐ High
Cave/Karst Potential	☐ Critical		
Variance	☐ None	☒ Flex Hose	☐ Other
Wellhead	☐ Conventional	☒ Multibowl	☐ Both
Other	☐ 4 String Area	☐ Capitan Reef	☐ WIPP
Other	☐ Fluid Filled	☐ Cement Squeeze	☐ Pilot Hole
Special Requirements	☐ Water Disposal	☒ COM	☐ 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 **10,448** 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 -23%, 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.
 - b. Second stage above DV tool:
 - Cement to surface. If cement does not circulate, contact the appropriate BLM office.
Excess cement calculates to 4%, 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 #16H:

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 #16H

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 8066’ and 8-3/4” hole from 8066’ – 10448’. 7-5/8” 29.7# P-110 BTC from 0 - 7700’ and 7-5/8” 29.7# P-110 Stinger HC from 7700’ – 10448’ and DV tool at 4809’
- Production
10248’ of 5-1/2” 20# P-110 BTC and 6020’ of 5” 18# P-110 BTC set at 16268’ in a 6-3/4” hole

Cement Programs

Mesa B 8115 Fed Com #16H

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 235 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 665 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 67918

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 67918
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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