

<b>Well Name:</b> ZHU 2032 BS	<b>Well Location:</b> T26S / R32E / SEC 20 / SENE / 32.028465 / -103.692547	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 16H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMLC068281B	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> NMNM138329X
<b>US Well Number:</b> 300254707600X1	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> CONOCOPHILLIPS COMPANY

**Notice of Intent**

**Type of Submission:** Notice of Intent

**Type of Action:** Other

**Date Sundry Submitted:** 03/02/2021

**Time Sundry Submitted:** 01:27

**Date proposed operation will begin:** 03/01/2021

**Procedure Description:** ConocoPhillips respectfully requests to change the approved drilling plan as reflected in the attached documents: ZHU 2032 BS 16H Drill Plan ZHU 2032 BS 16H C-102. In particular, the lateral's proximity to the unit boundary has been revised. As such we request approval at your earliest convenience.

**Surface Disturbance**

**Is any additional surface disturbance proposed?:** No

**NOI Attachments**

**Procedure Description**

Zia\_Hills\_ZHU\_2032\_16H\_20210302132636.pdf

ZHU\_2032\_BS\_16H\_Drill\_Plan\_20210302132402.pdf

**Conditions of Approval**

**Additional Reviews**

ZHU\_2032\_BS\_16H\_Sundry\_1517047\_Drilling\_COA\_OTA\_20210315112551.pdf

**Well Name:** ZHU 2032 BS

**Well Location:** T26S / R32E / SEC 20 / SENE / 32.028465 / -103.692547

**County or Parish/State:** LEA / NM

**Well Number:** 16H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMLC068281B

**Unit or CA Name:**

**Unit or CA Number:** NMNM138329X

**US Well Number:** 300254707600X1

**Well Status:** Approved Application for Permit to Drill

**Operator:** CONOCOPHILLIPS COMPANY

**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:** LEE

**Signed on:** MAR 02, 2021 01:26 PM

**Name:** CONOCOPHILLIPS COMPANY

**Title:** Regulatory Coordinator

**Street Address:** PO Box 2197

**City:** Houston

**State:** TX

**Phone:** (832) 486-2510

**Email address:** Jeremy.L.Lee@cop.com

**Field Representative**

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

**BLM Point of Contact**

**BLM POC Name:** CHRISTOPHER WALLS

**BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5752342234

**BLM POC Email Address:** cwalls@blm.gov

**Disposition:** Approved

**Disposition Date:** 04/05/2021

**Signature:** Chris Walls

## PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>CONOCOPHILLIPS COMPANY</b>
<b>LEASE NO.:</b>	<b>NMLC0068281B</b>
<b>WELL NAME &amp; NO.:</b>	ZHU 2032 BS 16H
<b>SURFACE HOLE FOOTAGE:</b>	2576'/N & 1225'/E
<b>BOTTOM HOLE FOOTAGE:</b>	50'/S & 379'/E
<b>LOCATION:</b>	Section 20, T.26 S., R.32 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 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 type="checkbox"/> COM	<input type="checkbox"/> Unit

**All Previous COAs Still Apply.**

**A. CASING**

**Casing Design:**

1. The **13-3/8** inch surface casing shall be set at approximately **1224 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.

**Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.**

2. The minimum required fill of cement behind the **9-5/8** inch intermediate casing is:

**Option 1 (Single Stage):**

- Cement to surface. If cement does not circulate see B.1.a, c-d above.  
**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.  
Excess cement calculates to -53%, 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.  
**Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst or potash.**
    - ❖ 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** 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 **5000 (5M)** psi.
- b. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the intermediate casing shoe shall be **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 2500 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.

**OTA03152021**

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office  
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

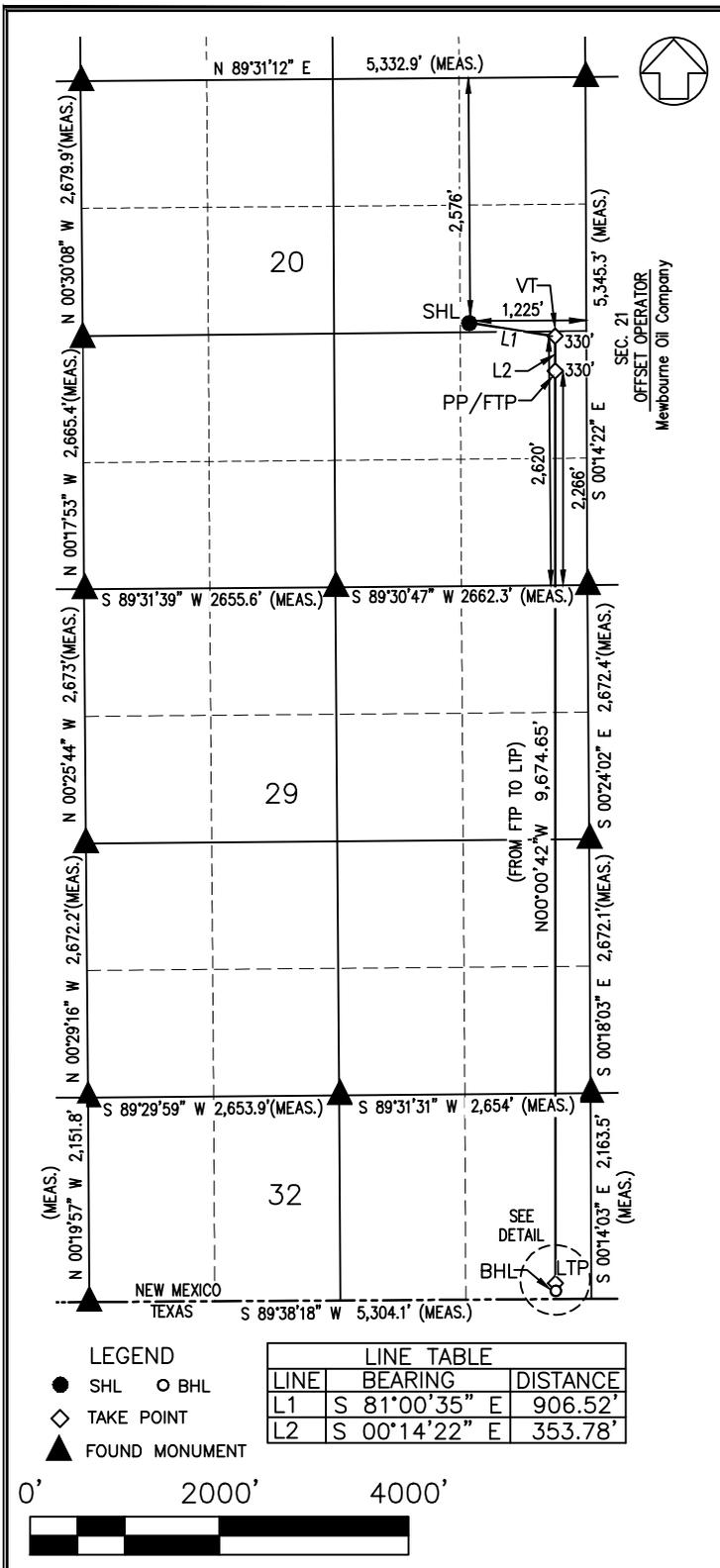
<sup>1</sup> API Number <b>30-025-47076</b>	<sup>2</sup> Pool Code <b>98009</b>	<sup>3</sup> Pool Name <b>Zia Hills; Bone Spring</b>
<sup>4</sup> Property Code	<sup>5</sup> Property Name <b>ZHU 2032 BS</b>	
<sup>7</sup> OGRID No. <b>217817</b>	<sup>8</sup> Operator Name <b>ConocoPhillips Company</b>	<sup>6</sup> Well Number <b>16H</b>
		<sup>9</sup> Elevation <b>3,143.8' (NAVD88)</b>

<sup>10</sup> Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	20	26 S	32 E		2,576'	NORTH	1,225'	EAST	LEA COUNTY

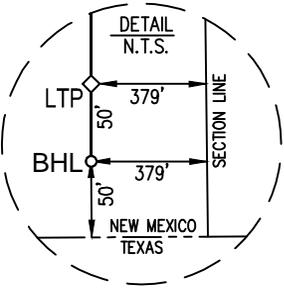
<sup>11</sup> Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	32	26 S	32 E		50'	SOUTH	379'	EAST	LEA COUNTY

<sup>12</sup> Dedicated Acres <b>304.65</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
------------------------------------------------	-------------------------------	----------------------------------	-------------------------

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



<b>16H (SURFACE LOCATION)</b> 2,576' FNL, 1,225' FEL (SEC. 20) STATE PLANE NAD83(2011) (N.M. EAST) N(Y): 374,683.23' E(X): 739,914.20' LAT: 32°01'42.48" (32.028465°) LON: -103°41'33.17" (-103.692547°)
STATE PLANE NAD27 (N.M. EAST) N(Y): 374,626.08' E(X): 698,727.07' LAT: 32°01'42.02" (32.028340°) LON: -103°41'31.47" (-103.692076°)
<b>16H (VERTICAL TARGET)</b> 2,620' FSL, 330' FEL (SEC. 20) STATE PLANE NAD83(2011) (N.M. EAST) N(Y): 374,541.57' E(X): 740,809.58' LAT: 32°01'41.02" (32.028061°) LON: -103°41'22.77" (-103.689660°)
STATE PLANE NAD27 (N.M. EAST) N(Y): 374,484.43' E(X): 699,622.43' LAT: 32°01'40.57" (32.027936°) LON: -103°41'21.08" (-103.689190°)
<b>16H (PP/FTP)</b> 2,266' FSL, 330' FEL (SEC. 20) STATE PLANE NAD83(2011) (N.M. EAST) N(Y): 374,187.80' E(X): 740,811.06' LAT: 32°01'37.52" (32.027089°) LON: -103°41'22.78" (-103.689662°)
STATE PLANE NAD27 (N.M. EAST) N(Y): 374,130.66' E(X): 699,623.90' LAT: 32°01'37.07" (32.026964°) LON: -103°41'21.08" (-103.689192°)
<b>16H (LAST TAKE POINT)</b> 100' FSL, 379' FEL (SEC. 32) STATE PLANE NAD83(2011) (N.M. EAST) N(Y): 364,513.15' E(X): 740,813.04' LAT: 32°00'01.78" (32.000495°) LON: -103°41'23.43" (-103.689842°)
STATE PLANE NAD27 (N.M. EAST) N(Y): 364,456.24' E(X): 699,625.47' LAT: 32°00'01.33" (32.000369°) LON: -103°41'21.74" (-103.689373°)
<b>16H (BOTTOM HOLE LOCATION)</b> 50' FSL, 379' FEL (SEC. 32) STATE PLANE NAD83(2011) (N.M. EAST) N(Y): 364,463.14' E(X): 740,812.79' LAT: 32°00'01.29" (32.000357°) LON: -103°41'23.44" (-103.689843°)
STATE PLANE NAD27 (N.M. EAST) N(Y): 364,406.24' E(X): 699,625.22' LAT: 32°00'00.83" (32.000232°) LON: -103°41'21.75" (-103.689374°)



<b><sup>17</sup> OPERATOR CERTIFICATION</b>	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.	
Signature <i>Jeremy Lee</i>	Date 1/20/21
Printed Name Jeremy.L.Lee@cop.com	
E-mail Address	

**Infill Horizontal Well**

<b><sup>18</sup> SURVEYOR CERTIFICATION</b>	
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
Revised 4-17-2020_330' FEL	Date of Survey 04-14-2019
Signature and Seal of Professional Surveyor:	

Certificate Number

**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 33558

**CONDITIONS**

Operator: CONOCOPHILLIPS COMPANY 600 W. Illinois Avenue Midland, TX 79701	OGRID: 217817
	Action Number: 33558
	Action Type: [C-103] NOI Change of Plans (C-103A)

**CONDITIONS**

Created By	Condition	Condition Date
pkautz	None	9/14/2021