

State of New Mexico  
Energy, Minerals and Natural Resources Department

**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**Heather Riley**, Division Director  
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 11/27/18

Well information:

HILCORP ENERGY COMPANY, **Albright #13**, API# 30-045-25688

Application Type:

☐ P&A    ☐ Drilling/Casing Change    ☐ Location Change

☐ **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☒ **Other: Recomplete**

Conditions of Approval:

- Notify NMOCD 24 Hours prior to commencing activities
- Set cast iron bridge plug (CIBP) inside of cemented casing and at least 500' below the bottom of the proposed perforations. To show adequate formation/cement isolation.
- Perform and submit a cement bond log (CBL) to the OCD for review and approval prior to perforating the formation.
- If needed, submit proposed remediation plan to the OCD for review and approval prior to starting remediation.

NMOCD Approved by Signature

1/2/2019  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 27 2013

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**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.**

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Hilcorp Energy Company

3a. Address

382 Road 3100, Aztec, NM 87410

3b. Phone No. (include area code)

505-599-3400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Surface Unit K (NESW), 1980' FSL & 2051' FWL, Sec. 15, T29N, R10W

5. Lease Serial No.

SF077865

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Albright 13

9. API Well No.

30-045-25688

10. Field and Pool or Exploratory Area

Armenta Gallup / Blanco Mesaverde

11. Country or Parish, State

San Juan, New Mexico

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"/> Fracture Treat	<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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 recompleate 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 recompleation 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.)

Hilcorp Energy Company plans to recompleate the subject well in the Mesaverde formation and downhole commingle the existing Gallup with the Mesaverde. Attached is the PC C102, recompleate procedure & wellbore schematic. The DHC application will be submitted and approved before the work proceeds. A Closed Loop system will be utilized.

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Christine Brock

Title Operations/Regulatory Technician

Signature

Christine Brock

Date

11/27/18

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Title PE

Date

12/17/18

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 FFO

**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**

Form C-102  
August 1, 2011

Permit 260264

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-25688	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318442	5. Property Name ALBRIGHT	6. Well No. 013
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5740

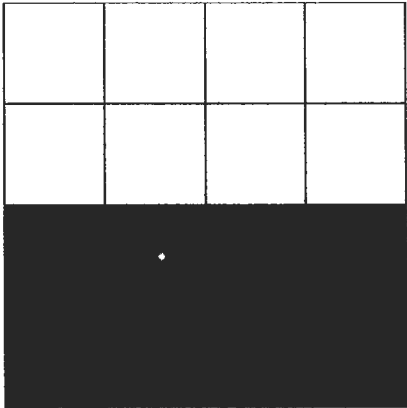
**10. Surface Location**

UL - Lot K	Section 15	Township 29N	Range 10W	Lot Idn	Feet From 1980	N/S Line S	Feet From 2051	E/W Line W	County SAN JUAN
---------------	---------------	-----------------	--------------	---------	-------------------	---------------	-------------------	---------------	--------------------

**11. Bottom Hole Location If Different From Surface**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 318.22 S/2	13. Joint or Infill			14. Consolidation Code			15. 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**

	<p style="text-align: center;"><b>OPERATOR CERTIFICATION</b></p> <p><i>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(s) 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.</i></p> <p>E-Signed By: <i>Christine Brock</i>          Title: Operation/Regulatory Tech Sr.          Date: 11/27/2018</p> <hr/> <p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Michael Daly          Date of Survey: 2/17/1983          Certificate Number: 5992</p>
---	---

**Albright 13**

T29N-R10W-S15

API: 3004525688

Mesa Verde Zone Add

11/26/2018

**Proposed Procedure**

1. MIRU Service rig and associated equipment
2. Test BOP's
3. TOOH with 2-3/8" tubing currently set with EOT at 6,384'
4. Set a CIBP @  $\pm 4,900'$  to isolate the Gallup
5. RDMO Service rig
6. MIRU frac spread
7. Perforate and frac the Mesa Verde from 3,900' to 4,750'. RDMO frac spread
8. MIRU Service rig
9. Test BOP's
10. PU mill & RIH to clean out to Gallup isolation plug
11. When water and sand rates are acceptable, flow test the Mesa Verde
12. Drill out Dakota-Gallup isolation plug & TOOH
13. TIH and land production tubing. Obtain a commingled Gallup-Mesa Verde flow rate
14. ND BOP's, NU production tree
15. RDMO service rig & turn well over to production



## Current Schematic

Well Name: ALBRIGHT #13

API / UWI	Surface Legal Location	Field Name	Route	State/Province	Well Configuration Type
3004525688	015-029N-010W-K	ARMENTA GALLUP	0802	NEW MEXICO	
Ground Elevation (ft)	Original KSB/T Elevation (ft)	IS-Ground Distance ft	IS-Casing Hinge Distance ft	IS-Tubing Hinge Distance ft	
5,740.00	5,752.00	12.00			

Original Hole, 11/26/2018 3:44:42 PM

