

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.*

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF080724A
2. Name of Operator HILCORP ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 1111 TRAVIS STREET HOUSTON, TX 77002		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 505-564-0779		8. Well Name and No. ZACHRY 56
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 11 T28N R10W SWSW 0369FSL 0939FWL 36.670349 N Lat, 107.870331 W Lon		9. API Well No. 30-045-25649-00-S1
		10. Field and Pool or Exploratory Area ARMENTA GALLUP
		11. County or Parish, State SAN JUAN 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 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 with the existing Gallup formation. Attached is the MV C-102, recompleate procedure and wellbore schematic. The DHC application will be submitted and approved prior to commingling. A closed loop system will be utilized. A Pre-Reclamation site visit was held on 9/25/19 with Bob Switzer/BLM. The reclamation plan is attached.

NMOC

Notify NMOC 24 hrs  
prior to beginning  
operations

SEP 27 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #485357 verified by the BLM Well Information System For HILCORP ENERGY COMPANY, sent to the Farmington Committed to AFMSS for processing by JOHN HOFFMAN on 09/27/2019 (19JH0252SE)</b>	
Name (Printed/Typed) CHERYLENE WESTON	Title OPERATIONS/REGULATORY TECH-SR
Signature (Electronic Submission)	Date 09/26/2019

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

Approved By JOHN HOFFMAN	Title PETROLEUM ENGINEER	Date 09/27/2019
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 Farmington		

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 \*\***

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## HILCORP ENERGY COMPANY

### ZACHRY 56

### MESA VERDE RECOMPLETION SUNDRY

API #: 30-045-25649

#### JOB PROCEDURES

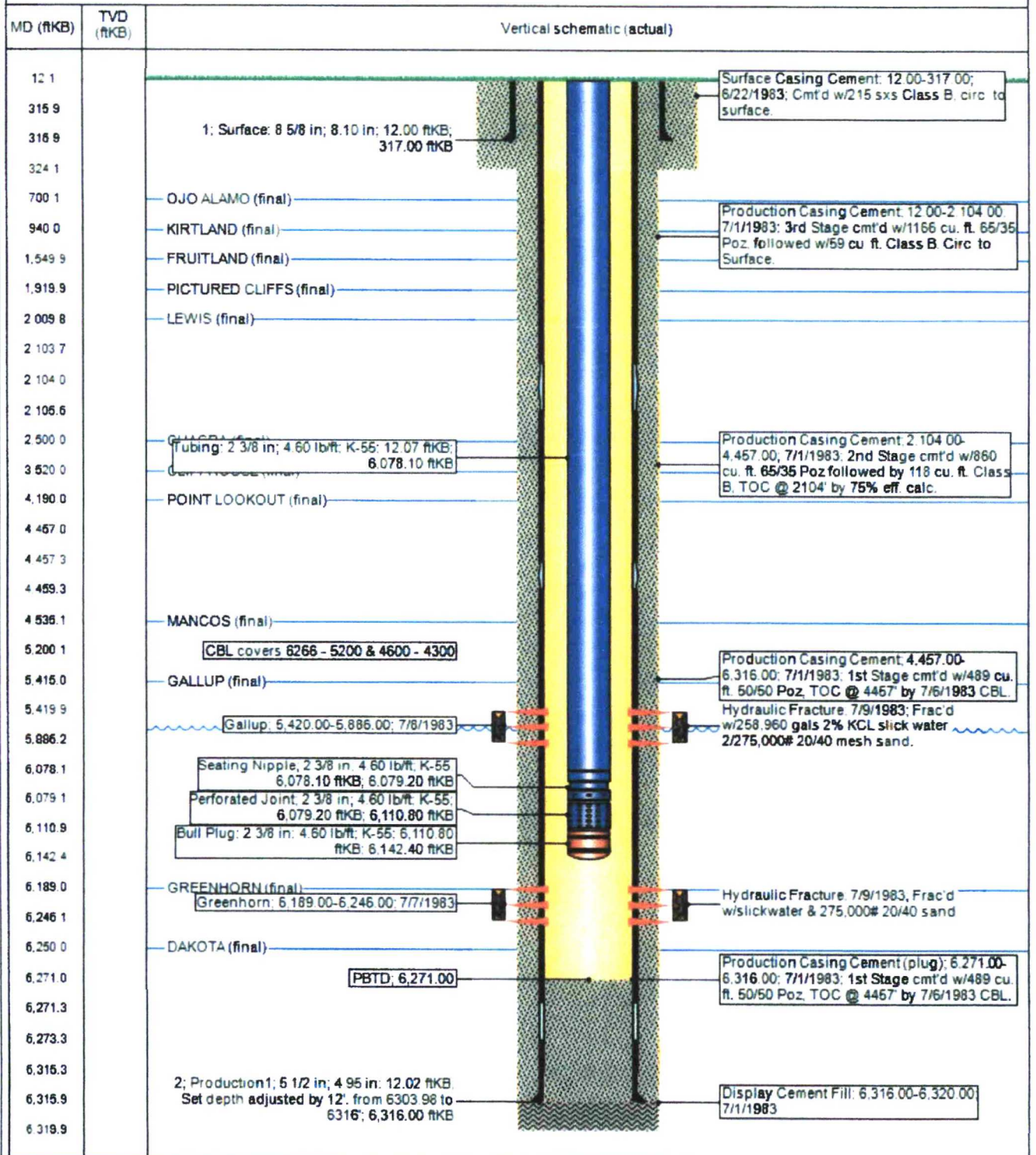
1. MIRU Service rig and associated equipment, test BOP. Check Bradenhead pressures daily and record throughout the recomplete project. Notify NMOCD and BLM if any anomalous pressure changes occur on the Bradenhead.
2. TOOH w/ 2 3/8" tubing set at 6142'.
3. Set initial CIBP at 5370' or deeper (no higher than 50' above existing perforations)
4. Perform MIT from initial CBP, providing 24 hr notice to BLM and NMOCD. Once completed, review and submit the MIT charted test results to both the NMOCD and BLM. If the MIT fails, discuss and gain approval with both the NMOCD and BLM with a plan of action to remediate the wellbore. Perform a 2nd MIT once remediated.
5. Run CBL and submit it to NMOCD and BLM.
6. Optionally set bridge plug below intended recomplete interval.
7. ND BOP, NU frac stack. Pressure test the production casing or frac string and frac stack to maximum frac pressure. The pressure test will not exceed 85% of the internal yield pressure rating of the primary treatment string.
8. Perforate and frac the Mesa Verde within 3520'-4690'.
9. Optionally set a kill plug above recomplete interval for casing fracs.
10. ND the frac stack, NU the BOP and test.
11. MU and TIH with a mill. Tag and drill out the top isolation plug and Mesa Verde frac plugs if applicable.
12. Clean out the wellbore to the top of the Gallup/Greenhorn isolation plug.
13. Once water and sand rates are acceptable, drill out the Gallup/Greenhorn isolation plug and cleanout to PBTD of 6271'. TOOH.
14. TIH and land production tubing. Get a commingled Greenhorn/Gallup/MV flow rate.



**Well Name: ZACHRY #56**

API / UWI 3004525649	Surface Legal Location 011-028N-010W-M	Field Name BLANCO MV (PRO #0078	Route 0707	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,719.00	Original KBRT Elevation (ft) 5,731.00	CS-Ground Distance (ft) 12.00	CS-Casing Flange Distance (ft)	CS-Tubing Hanger Distance (ft)	

Original Hole, 9/24/2019 2:04:35 PM



**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 272604

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-25649	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318769	5. Property Name ZACHRY	6. Well No. 056
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5719

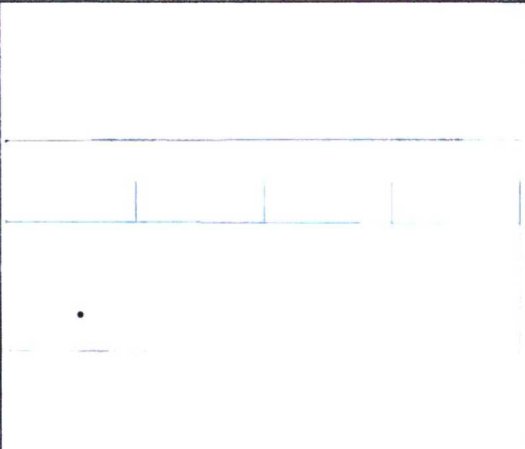
**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	11	28N	10W		369	S	939	W	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 262.28 - All Sec 11	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>Cherylene Weston</i>          Title: Cherylene Weston, Operations/Regulatory Tech-Sr.          Date: 09/23/2019</p> <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: 12/16/1982          Certificate Number: 5992</p>
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9/23/2019

**Hilcorp Energy  
Recomplete Reclamation Plan  
Zachry 56  
API: 30-045-25649  
T28N-R10W-Sec. 11-M  
LAT: 36.67037 LONG: -107.87032  
Footage: 369' FSL & 939' FWL  
San Juan County, NM**

**1. PRE- RECLAMATION SITE INSPECTION**

A pre-reclamation site inspection was completed with Bob Switzer from the BLM and Eufracio Trujillo Hilcorp Energy SJ South Construction Foreman on September 25, 2019.

**2. LOCATION RECLAMATION PROCEDURE**

1. Reclamation work will begin in fall/ early winter time period.
2. All trash and debris will be removed within a 25' buffer outside of the location disturbance during reclamation.
3. Reclaim all disturbed area being used for recompletion activities.
4. Pull diversion ditch from southside of location and run out to the East and West.

**3. SEEDING PROCEDURE**

1. A Pinion/Juniper seed mix will be used for all reclaimed and disturbed areas of the well pad and lease road.
2. Drill seed will be done where applicable and all other disturbed areas will be broadcast seeded and harrowed. Broadcast seeding will be applied at a double the rate of seed.
3. Timing of the seeding will be when the ground is not frozen or saturated.

**4. WEED MANAGEMENT**

1. No action is required at this time for weed management, no noxious weeds were identified during this onsite.