

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMSF078200B

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RIDDLE B 10E9. API Well No.
30-045-26401-00-S110. Field and Pool or Exploratory Area
BASIN DAKOTA11. County or Parish, State
SAN JUAN COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
HILCORP ENERGY COMPANYContact: PRISCILLA SHORTY
E-Mail: pshorty@hilcorp.com3a. Address
1111 TRAVIS STREET
HOUSTON, TX 770023b. Phone No. (include area code)
Ph: 505.324.5188

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

Sec 27 T30N R10W SWSE 1180FSL 1460FEL
36.779129 N Lat, 107.867401 W Lon**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 recomplete 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 recompletion 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 recomplete the subject well in the Mesaverde formation and dowhole commingle the existing Dakota with the Mesaverde. Attached is the Mesaverde plat and recomplete procedure. A DHC application will be filed and approved prior to commingling. A Closed Loop system will be used.

NMOCD

AUG 24 2018

HOLD C104 FOR DHC

DISTRICT III

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #431205 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by WILLIAM TAMBEKOU on 08/21/2018 (18WMT1095SE)

Name (Printed/Typed) PRISCILLA SHORTY

Title OPERATIONS REGULATORY TECH

Signature (Electronic Submission)

Date 08/14/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By WILLIAM TAMBEKOU

Title PETROLEUM ENGINEER

Date 08/21/2018

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 **

NMOCD



HILCORP ENERGY COMPANY
RIDDLE B 10E
MESA VERDE RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; NU and test BOP.
2. TOOH with 1-1/2" tubing set at 7,061'.
3. Set a 4-1/2" cast iron bridge plug at +/- 6,000' to isolate the Dakota.
4. Load hole with fluid and run a CBL on the 4-1/2" casing. Verify cement bond within the Mesa Verde'. Review CBL results with NMOCD.
5. N/D BOP, N/U frac stack. Pressure test the frac stack and production casing to frac pressure.
6. Perforate and frac the Mesa Verde in two or three stages. (Top perforation @ 4,140', Bottom perforation @ 5,090')
7. Isolate frac stages with a composite bridge plug and set top isolation plug once frac is completed.
8. Nipple down frac stack, nipple up BOP and test.
9. TIH with a mill and drill out top isolation plug and Mesa Verde frac plugs.
10. Clean out to Dakota isolation plug and, when water and sand rates are acceptable, flow test the Mesa Verde.
11. Drill out Dakota isolation plug and cleanout to PBTD of 7,134'. TOOH.
12. TIH and land 2-3/8" production tubing. Get a commingled Dakota/Mesa Verde flow rate.

All formation tops for the Riddle B 10E wellbore have been reviewed by Hilcorp Energy. There were no changes made to the existing formation tops on the "OCD Permitting" website for this well.



HILCORP ENERGY COMPANY
RIDDLE B 10E
MESA VERDE RECOMPLETION SUNDRY

RIDDLE B 10E - CURRENT WELLBORE SCHEMATIC



Hilcorp Energy Company

Schematic - Current

Well Name: RIDDLE B #10E

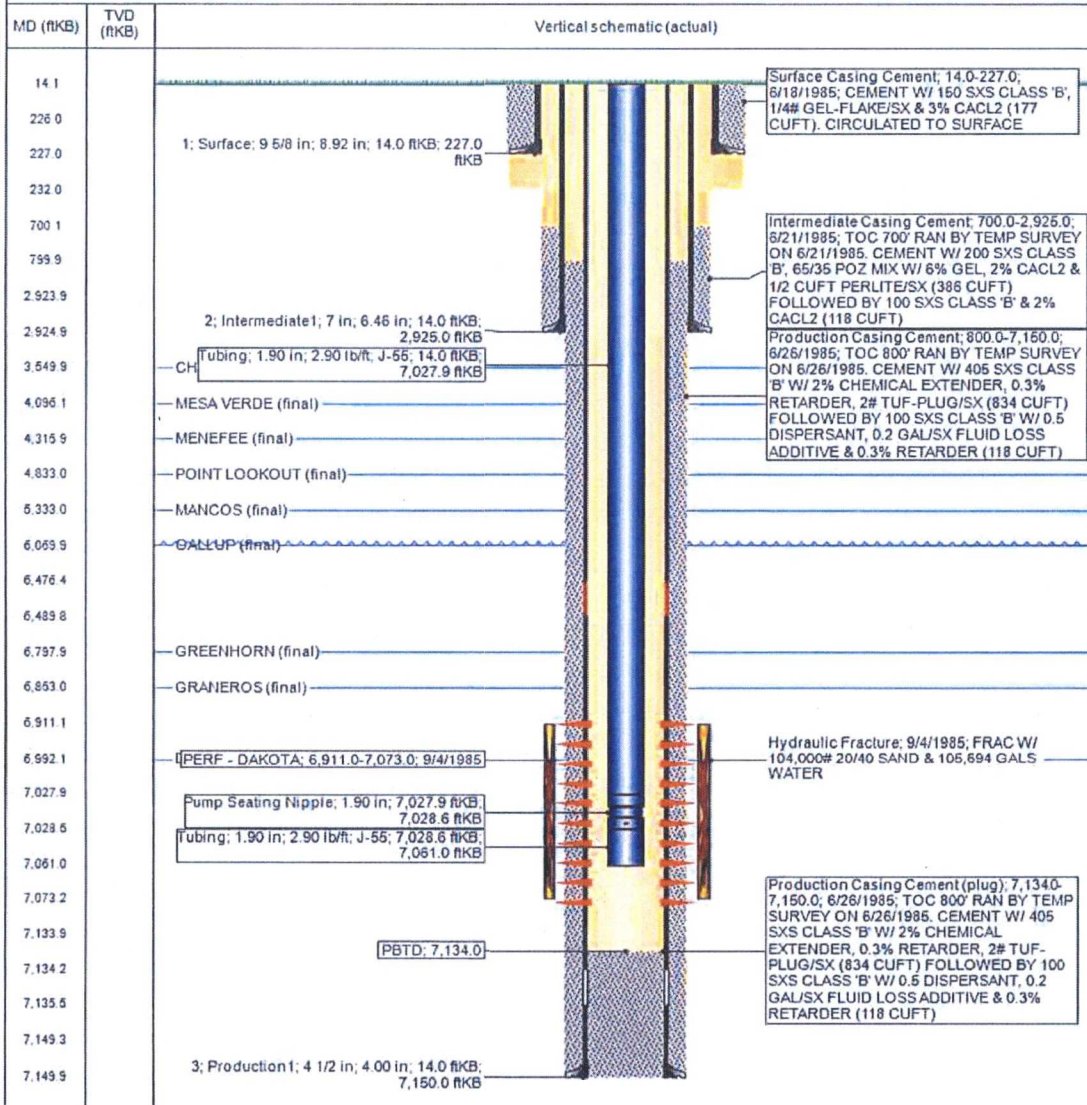
API (UVI) 3004626401	Surface Legal Location 027-030N-010W-O	Field Name BASIN DAKOTA (PRODUCED GAS)	License No.	State Province NEW MEXICO	Well Configuration Type
Original KS RT Elevation (ft) 6,042.00	KS-Tubing Hanger Distance (ft)	Original Spud Date 6/18/1985 00:00	Rig Release Date	PSTD (A/T) (ft) Original Hole - 7,134.0	Total Depth At (TVD) (ft)

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Actual Start Date	End Date
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ID: 7,150.0

Original Hole, 8/14/2018 10:48:32 AM



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) 748-1263 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 255039

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-26401	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318683	5. Property Name RIDDLE B	6. Well No. 010E
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6028

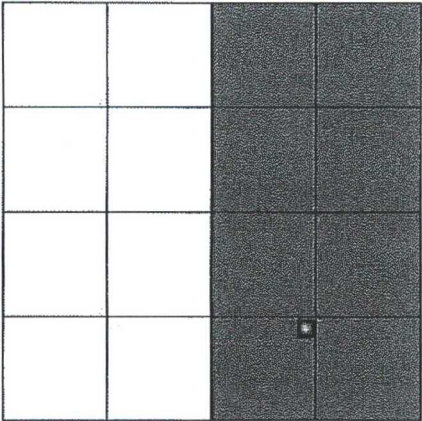
10. Surface Location

UL - Lot O	Section 27	Township 30N	Range 10W	Lot Idn 15	Feet From 1180	N/S Line S	Feet From 1460	E/W Line E	County SAN JUAN
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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	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;">OPERATOR CERTIFICATION</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>Priscilla Shorty</i> Title: Operations Regulatory Technician - Sr. Date: 07/19/2018</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</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: Fred Kerr Date of Survey: 4/25/1985 Certificate Number: 3950</p>
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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Farmington District Office
6251 College Blvd. - Suite A
Farmington, New Mexico 87402
www.blm.gov/nm



CASING REPAIR, WORKOVER, AND RECOMPLETION CONDITION OF APPROVAL

1. If casing repair operations are needed, obtain prior approval from this office before commencing repairs.
2. If a CBL or other logs are run, provide this office with a copy.
3. After any casing repair operations, test cement squeeze to a minimum of 500# for 30 minutes with no more than 10 % pressure fall off in the 30 minutes test period. Provide test chart with your subsequent report of operations
4. A properly functioning BOP and related equipment must be installed prior to commencing workover, casing repair, and/or recompletion operations.
5. **Contact this office at (505) 564-7750 prior to conducting any cementing operations**

SPECIAL STIPULATIONS:

1. **Pits will be fenced during work-over operation.**
2. **All disturbance will be kept on existing pad.**
3. **All pits will be pulled and closed immediately upon completion of the recompletion and work-over activities.**
4. **Pits will be lined with an impervious material at least 12 mils thick.**