

NMOC

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Form 3160-5  
(August 2007)

JUN 07 2018

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 31 2018

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 20105. ~~Leasing~~ Field Office  
Bureau of Land Management NM-01772-A

6. If Indian, Allottee or Tribe Name

**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

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

8. Well Name and No.

Reid 22R

9. API Well No.

30-045-23136

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

Surface Unit J (NWSE) 1480' FSL &amp; 1630' FEL, Sec. 7, T28N, R9W

10. Field and Pool or Exploratory Area

Blanco Mesaverde / Basin Dakota

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 Dakota with the Mesaverde. Attached is the MV plat & recompleate procedure. A DHC application will be filed and approved prior to commingling. A Closed Loop system will be utilized.

SEE ATTACHED  
FOR CONDITIONS  
OF APPROVALBLM'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 - Sr.

Signature

Christine Brock

Date 5/31/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

William Tambakan

Title

Petroleum Engineer

Date

6/4/2018

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 FFO

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.

(Instruction on page 2)

NMOC

**Reid #22R**

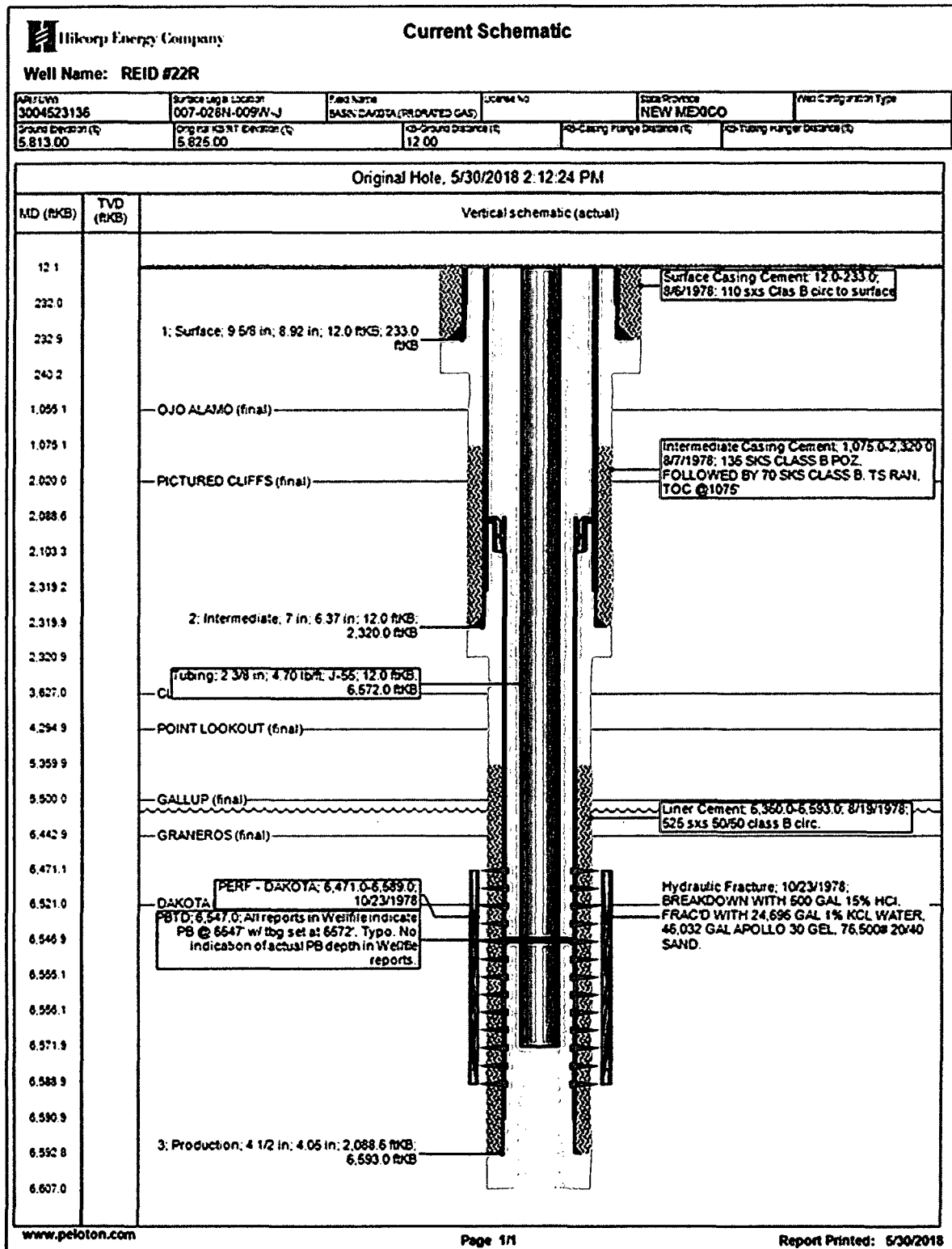
Section 07-T28N-R09W

API#: 30-045-23136

**MV Recompletion Procedure**

1. MIRU service unit. Check pressures of casing and all annuli. Blow down well, kill as needed.
2. ND wellhead, NU BOP.
3. POOH with production tubing. Tag with tubing or slickline as PBSD confirmation due to uncertainty in records. May choose to clean out any suspected fill.
4. After tubing is removed, may choose to perform gauge ring runs, string mill and/or examine wellhead to confirm records showing that a tie-back string is not installed and prepare for CIBPs.
5. WL set 4-1/2" CIBP at ~4640' (or other depth within 50' of 4671' top DK perforation)
6. Set 4-1/2" CIBP at ~5500' (this is below known 5360' TOC from 10/28/78 CBL run by Gearhart-Owen; log does not have data above 5270')
7. Circulate well full or tag fluid level prior to CBL to confirm at or above TOL.
8. Run CBL from CIBP to TOL at 2089'.
9. Squeeze liner as needed.
10. Perforate MV over gross interval approximately 3625'-4710'.
11. Install frac string to isolate MV.
12. Frac MV.
13. RD frac equipment.
14. MIRU service unit.
15. Pull frac string, cleanout to bottom, install production tubing and wellhead.

**Note:** Below wellbore diagram has some likely errors/uncertainty, especially as related to PBTD, which will be verified and corrected as a part of the proposed operations.



**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 253008

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-23136	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318673	5. Property Name REID	6. Well No. 022R
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5813

**10. Surface Location**

UL - Lot J	Section 7	Township 28N	Range 09W	Lot Idn	Feet From 1480	N/S Line S	Feet From 1630	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 260.64 S/2	13. Joint or Infill	14. Consolidation Code	15. Order No. R-4292						

**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>OPERATOR CERTIFICATION</b> <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>	
	E-Signed By: <i>Christine Brock</i> Title: Operations/Regulatory Tech. - Sr Date: 5/31/2018	
	<b>SURVEYOR CERTIFICATION</b> <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>	
	Surveyed By: Fred Kerr Date of Survey: 6/23/1978 Certificate Number: 3950	