

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.		5. Lease Serial No. NMSF-043260C
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator Hilcorp Energy Company		7. If Unit of CA/Agreement, Name and/or No.
3a. Address 382 ROAD 3100, AZTEC NM 87410		8. Well Name and No. Fogelson 4 1E
3b. Phone No. (include area code) 505-599-3400		9. API Well No. 30-045-32883
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit A (NENE), 975' FNL & 1085' FEL, Sec. 04, T29N, R11W		10. Field and Pool or Exploratory Area Basin Dakota / 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 Dakota with the Mesaverde. Attached is the MV plat and procedure. A DHC application will be filed and approved before work proceeds. A Closed Loop system will be utilized. Interim reclamation will be performed after surface disturbing activities.

Notify NMOCD 24 hrs
prior to beginning
operations

NMOCD

MAR 28 2019

DISTRICT III

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Christine Brock		Title Operations/Regulatory Technician - Sr.
Signature <i>Christine Brock</i>		Date <i>3/7/19</i>

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title <i>AFM</i>	Date <i>3/26/19</i>
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 <i>FFO</i>		

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.

NMOCD Ar

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District I1625 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 264613

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-32883	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 319308	5. Property Name FOGELSON 4	6. Well No. 001E
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5884

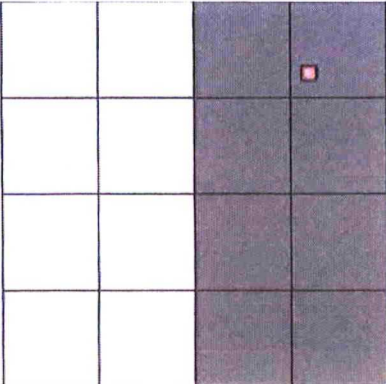
10. Surface Location

UL - Lot A	Section 4	Township 29N	Range 11W	Lot Idn	Feet From 975	N/S Line N	Feet From 1085	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 305.89 E/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;">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>Christiano R. Brock</i> Title: Operations/Regulatory Tech Sr. Date: 3/7/2019</p> <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: John A. Vukonich Date of Survey: 10/19/2004 Certificate Number: 14831</p>
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Fogelson 4 #1E

Section 4-T29N-R11W

API#: 30-045-32883

MV Recompletion Procedure

2/22/2019

Procedure:

1. MIRU Service rig and associated equipment, test BOP.
2. TOOH w/ 2 3/8" tubing set at 6708'.
3. Set initial CIBP at 6535' or deeper (no higher than 50' above existing perforations)
4. Perform MIT from initial CBP, providing 24 hr notice to agencies.
5. *(Note: 5/24/05 CBL shows ~3850' TOC.)*
6. Optionally set bridge plug at approximately 5066'.
7. ND BOP, NU frac stack and test frac stack to frac pressure.
8. Perforate and frac the Mesa Verde. Estimated interval: 4050'-4966' (basal depths are per state rules - 500' below the PTLK top)
9. Cleanout to isolation plug. Flow test MV.
10. Cleanout to PBTD.
11. TIH and land production tubing. Get a commingled flow rate.
12. Release service rig and turn well over to production.

Well Name: FOGELSON 4 #1E

API Well 3004532883	Surface Log # Location 004-029N-011W-A	Field Name BASIN DAKOTA (PRORATED GAS)	Route 0703	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5,884.00	Original B.M.T. Elevation (ft) 5,895.00	AS-Ground Distance (ft) 12.00	AS-Logging Hanger Distance (ft)	AS-Logging Hanger Distance (ft)	

Original Hole: 2/21/2019 7:29:12 AM

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
12.1	12.1	