

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 09 2019

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

Farmington Field Office
Bureau of Land Management

5. Lease Serial No. **SF-043260-B**
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.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No. **Federal H 1**

2. Name of Operator **Hilcorp Energy Company**

9. API Well No. **30-045-09030**

3a. Address **382 Road 3100 Aztec, NM 87410**

3b. Phone No. (include area code) **505-599-3400**

10. Field and Pool or Exploratory Area **Basin Dakota / Blanco Mesaverde**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Surface Unit D (NWNW) 1190' FNL & 1190' FWL, Sec. 33, T30N, R11W

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 checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	RC - Amended
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Procedure

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 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.

NMOCD

Notify NMOCD 24 hrs prior to beginning operations

MAY 15 2019

DISTRICT III

After CBL run, contact BLM/NMOCD to review results

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 **5/7/19**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *[Signature]* Title **Petr. Eng** Date **5/13/19**
 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

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.

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 284615

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-09030	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 319525	5. Property Name FEDERAL H	6. Well No. 001
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5985

10. Surface Location

UL - Lot D	Section 33	Township 30N	Range 11W	Lot Idn	Feet From 1190	N/S Line N	Feet From 1190	E/W Line W	County JUAN SAN
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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 320.22 W/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

OPERATOR CERTIFICATION

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.

E-Signed By: *Christine Brock*
 Title: Operations/Regulatory Tech Sr.
 Date: 3/8/2019

SURVEYOR CERTIFICATION

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.

Surveyed By: E.L Poteet
 Date of Survey: 2/15/1965
 Certificate Number: 3084



HILCORP ENERGY COMPANY

Federal H 1

MESA VERDE RECOMPLETION NOI

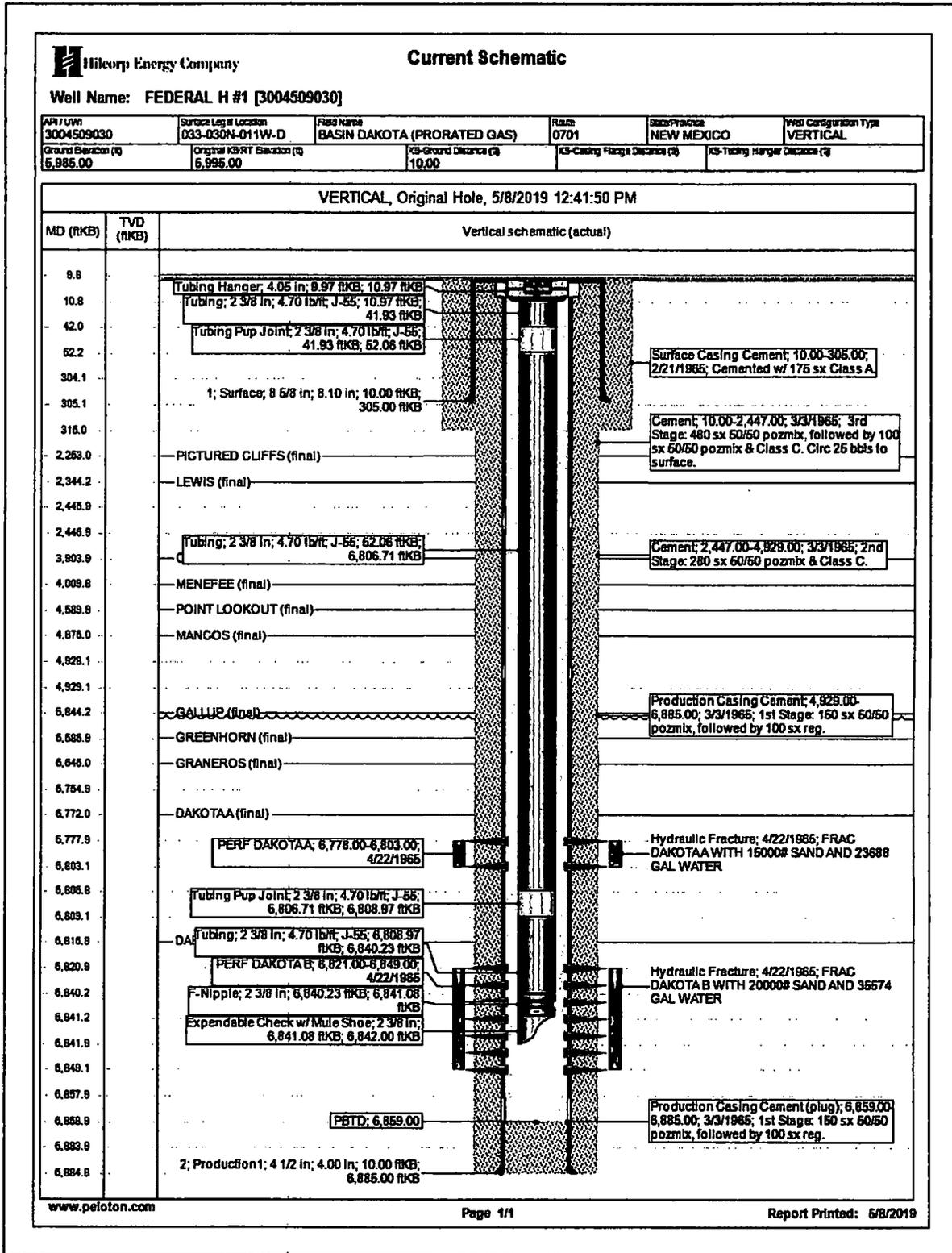
API#: 30-045-09030

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 pressures changes occur on the Bradenhead.
2. TOOH w/ 2 3/8" tubing set at 6841'.
3. Set initial CIBP at 6728' 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.
 - a. Drilling records and historical wellbore sketches in well file displaying TOC do not correspond to the volumes of cement reported pumped w/ each stage. After CBL is run, well schematic will be updated accordingly and submitted w/ recompletion sundry.
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 3904'-5090'.
 - a. *Note: Base is determined as 500' from 4590' top of Point Lookout.*
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 Dakota isolation plug.
13. Once water and sand rates are acceptable, drill out the Dakota isolation plug and cleanout to PBTD of 6859'. TOOH.
14. TIH and land production tubing. Get a commingled Dakota/MV flow rate.

Wellbore Schematic:

Note: Conflicting information between original drilling report in 1965/historic wellbore sketches & volumes of cement reported pumped. Per step 5 in NOI, a CBL will be run and schematic will be updated accordingly.



RECEIVED

MAR 15 2019

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Farmington Field Office
Bureau of Land Management

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

SUNDRY NOTICES AND REPORTS ON WELLS
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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		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator Hilcorp Energy Company		8. Well Name and No. Federal H 1
3a. Address 382 Road 3100 Aztec, NM 87410	3b. Phone No. (include area code) 505-599-3400	9. API Well No. 30-045-09030
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit D (NWNW) 1190' FNL & 1190' FWL, Sec. 33, T30N, 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

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Hilcorp Energy Company plans to recomplate 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.

NMOCD
MAR 15 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 3/15/19

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Dave Mankiewicz <i>[Signature]</i>	Title AFM	Date 4/5/19
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 FFU	

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NMOCD *[Signature]*

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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 264615

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-09030	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 319525	5. Property Name FEDERAL H	6. Well No. 001
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E-Signed By: *Christine Brock*
Title: Operations/Regulatory Tech Sr.
Date: 3/8/2019

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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.

Surveyed By: E.L. Potteet
Date of Survey: 2/15/1965
Certificate Number: 3084

Federal H 1

Section 33-T30N-R11W

API#: 30-045-09030

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 6842'.
3. Set initial CIBP at 6728' or deeper (no higher than 50' above existing perforations)
4. Perform MIT from initial CBP, providing 24 hr notice to agencies.
5. *(Note: 25 bbls cement circulated to surface)*
6. Optionally set bridge plug at approximately 5190'.
7. ND BOP, NU frac stack and test frac stack to frac pressure.
8. Perforate and frac the Mesa Verde. Estimated interval: 3904'-5090' (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: **FEDERAL H #1 [3004509030]**

API Well No 3004509030	Surface Leg. # Location 033-030N-011W-D	Field Name BASIN DAKOTA (PRORATED GAS)	Well No 0701	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Original Depth (ft) 5,985.00	Original BART Depth (ft) 5,985.00				

VERTICAL, Original Hole, 2/21/2019 7:43:02 AM

