

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Serial No.

NMSF079382

6. 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.

San Juan 30-6 Unit 75A

9. API Well No.

30-039-25446

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

Surface

Unit D (NWNW) 840' FNL & 790' FWL, Sec. 23, T30N, R07W

10. Field and Pool or Exploratory Area

Navajo City PC/Blanco Mesaverde

11. Country or Parish, State

Rio Arriba

New Mexico

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☒ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 Pictured Cliffs formation and downhole commingle the existing Mesaverde formation. Attached is the PC C102, recompleate procedure & wellbore schematic. The DHC application will be submitted and approved prior to commingling. A closed loop system will be utilized. Interim reclamation will be performed after surface disturbing activities.

NMOCD

JUL 19 2019

DISTRICT III

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

**Notify NMOCD 24 hrs
prior to beginning
operations**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Etta Trujillo

Title **Operations/Regulatory Technician - Sr.**

Signature

Etta Trujillo

Date

6/6/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

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.

(Instruction on page 2)

NMOCD

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 267678

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-25446	2. Pool Code 96177	3. Pool Name NAVAJO CITY-PICTURED CLIFFS POOL
4. Property Code 318716	5. Property Name SAN JUAN 30 6 UNIT	6. Well No. 075A
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6290

10. Surface Location

UL - Lot D	Section 23	Township 30N	Range 07W	Lot Idn	Feet From 840	N/S Line N	Feet From 790	E/W Line W	County RIO ARRIBA
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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 320.00 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: *Etta Trujillo*
Title: Operations/Regulatory Tech Sr
Date: 05/22/2019

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: Neale C. Edwards
Date of Survey: 5/18/1994
Certificate Number: 6857



HILCORP ENERGY COMPANY
SAN JUAN 30-6 UNIT 75A
PICTURED CLIFFS RECOMPLETION SUNDRY

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 of any anomalous pressure changes.
2. TOOH with 2-3/8" tubing set at 5,591'.
3. Set a 4-1/2" plug at +/- 4,225' to isolate the **Mesaverde**. Note: TOC at Surface by CBL.
4. Load the hole and perform MIT (Pressure test to 560 psi). Notify NMOCD and BLM +/-24hr prior to testing (and in the event of a failed test).
5. Set a 4-1/2" plug at +/- 3,480'.
6. Load the hole and pressure test the casing to 3150 psi (84.2% of Internal yield pressure for 7.0" - 20.0# - K-55 casing).
7. N/D BOP, N/U frac stack and pressure test frac stack.
8. Perforate and frac the **Pictured Cliffs** formation (Top Perforation @ 3,211'; Bottom Perforation @ 3,328').
9. If needed, isolate frac stage with a plug.
10. Nipple down frac stack, nipple up BOP and test.
11. TIH with a mill and drill out any plugs above the **Mesaverde** isolation plug.
12. Clean out to **Mesaverde** isolation plug.
13. Drill out **Mesaverde** isolation plug and cleanout to PBTD of 5,808'. TOOH.
14. TIH and land production tubing. Get a commingled **Mesaverde/Pictured Cliffs** flow rate.



SAN JUAN 30-6 UNIT 75A - CURRENT WELLBORE SCHEMATIC



Well Name: SAN JUAN 30-6 UNIT #75A

API / UWI 3003325446	Surface Legal Location 023-030N-007W-D	Field Name BLANCO MV (PRO #0078	Route 1100	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 5 290.00	Original ICRT Elevation (ft) 6 302.00	IC-Ground Distance (ft) 12.00	IC-Casing Hanger Distance (ft)	IC-Tubing Hanger Distance (ft)	

Original Hole, 5/13/2019 2:45:46 PM

Vertical schematic (actual)

ID (ftK)	TVD (ftK)
12.1	12.2
223.0	223.0
227.0	227.0
243.1	243.1
2,132.9	2,132.4
2,330.1	2,329.5
2,538.8	2,538.0
2,590.7	2,590.0
2,924.9	2,924.1
3,211.0	3,210.1
3,414.0	3,413.2
3,432.7	3,431.9
3,491.0	3,480.1
3,569.2	3,567.4
3,570.2	3,569.3
3,611.9	3,611.0
3,612.9	3,612.0
3,834.0	3,839.1
4,274.9	4,274.0
4,922.9	4,921.7
5,015.1	5,013.9
5,017.1	5,013.8
5,109.9	5,108.7
5,410.0	5,413.7
5,439.0	5,437.8
5,439.9	5,434.5
5,531.1	5,534.7
5,537.1	5,533.7
5,538.9	5,537.5
5,539.9	5,538.5
5,539.0	5,539.5
5,632.9	5,631.5
5,774.9	5,773.5
5,803.1	5,808.5
5,830.9	5,829.4
5,831.8	5,830.1
5,923.6	5,922.1
5,924.9	5,923.4

Annotations:

- NO TBG TALLY. LENGTHS ESTIMATED FROM 2000 REPORT
- OJO ALAMO (final)
- KIRTLAND (final)
Tubing; 2 3/8 in.; 4.70 lb/ft; J-55; 12.00 ftK;
5,556.00 ftK;
- FRUITLAND (final)
- PICTURED CLIFFS (final)
- 4-1/2" PROD LINER TOP @ 3414'
- LEWIS (final)
- CHACRA (final)/XANTONITE (final)
- CLIFF HOUSE (final)
- MENELEE (final)
- POINT LOOKOUT (final)
- Seating Nipple; 2 3/8 In.; 5,556.00 ftK;
5,557.00 ftK;
- Tubing; 2 3/8 In.; 4.70 lb/ft; J-55; 5,557.00 ftK;
5,589.00 ftK;
- Expendable Check; 2 3/8 In.; 5,589.00 ftK;
5,590.00 ftK;
- Sawtooth Collar; 2 3/8 In.; 5,590.00 ftK;
5,591.00 ftK;
- PBTD; 5,808.00
- MANCOS (final)

Logs (Right Side):

- Surface Casing Cement:** 12.00-227.00; 8.4% H₂O; CEMENT W/ 160 S&S CLASS 97 CRT W/ 2% DACL, 0.25 PPS FLOCCULE (227 CUFT), 10.15 REELS CUT TO SURFACE.
Hours circulate between stages: 0.8
Excess volume measured from EXCESS ABOVE OF Method used to measure density: L. HOLTON
Method used for checking cement in this stage: TM
Returns: YES
Time cementing mixing started: 17-17
Time cementing mixing ended: 228.95 ftK
- Protection Casing Cement:** 12.00-133.87; 8.1% H₂O; CEMENT W/ 160 S&S CLASS 97 CRT W/ 2% DACL, 0.25 PPS FLOCCULE (133.87 CUFT), 10.15 REELS CUT TO SURFACE.
Hours circulate between stages: 1
Excess volume measured from EXCESS ABOVE OF Method used to measure density: KAMATH
Method used for checking cement in this stage: CRM
Returns: GOOD
Time cementing mixing started: 18-18
Time cementing mixing ended: 177.19 ftK
- Production Casing Cement:** 133.87-3414.00; 8.1% H₂O; CEMENT W/ 160 S&S CLASS 97 CRT W/ 2% DACL, 0.25 PPS FLOCCULE (133.87 CUFT), 10.15 REELS CUT TO SURFACE.
Hours circulate between stages: 1
Excess volume measured from EXCESS ABOVE OF Method used to measure density: KAMATH
Method used for checking cement in this stage: CRM
Returns: GOOD
Time cementing mixing started: 15-39
- Production Casing Cement:** 3414.00-3889.10; 8.1% H₂O; CEMENT W/ 160 S&S CLASS 97 CRT W/ 2% DACL, 0.25 PPS FLOCCULE (3889.10 CUFT), 10.15 REELS CUT TO SURFACE.
Hours circulate between stages: 1
Excess volume measured from EXCESS ABOVE OF Method used to measure density: ROGER
Method used for checking cement in this stage: CRM
Returns: GOOD
Time cementing mixing started: 06-34
- Production Casing Cement:** 3889.10-5413.70; 8.1% H₂O; CEMENT W/ 160 S&S CLASS 97 CRT W/ 2% DACL, 0.25 PPS FLOCCULE (5413.70 CUFT), 10.15 REELS CUT TO SURFACE.
Hours circulate between stages: 1
Excess volume measured from EXCESS ABOVE OF Method used to measure density: ROGER
Method used for checking cement in this stage: CRM
Returns: GOOD
Time cementing mixing started: 06-34
- Production Casing Cement:** 5413.70-5808.00; 8.1% H₂O; CEMENT W/ 160 S&S CLASS 97 CRT W/ 2% DACL, 0.25 PPS FLOCCULE (5808.00 CUFT), 10.15 REELS CUT TO SURFACE.
Hours circulate between stages: 1
Excess volume measured from EXCESS ABOVE OF Method used to measure density: ROGER
Method used for checking cement in this stage: CRM
Returns: GOOD
Time cementing mixing started: 06-34

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intent to Recomplete & Commingle

Well: San Juan 30-6 Unit 75A 30-039-25446

CONDITIONS OF APPROVAL

1. Contact BLM Inspection and Enforcement @ (505) 564 – 7750, 24 hours prior to conducting MIT work so an inspector can be present to witness the MIT.

Contact John Hoffman, Petroleum Engineer @ (505) 564 – 7742 to discuss any failed MIT results and/or your remedial action and isolation plans.

Submit the electronic copy of the MIT Test Chart for verification to the following addresses: jhoffman@BLM.gov and Brandon.Powell@state.nm.us. CBL on file. Good isolation of the PC zone.

2. The following modifications to your recompletion program are to be made:

- a) Upon rigging up, record Bradenhead pressure and monitor same during recompletion operations. Notify BLM and NMOCD if anomalous pressure changes occur. Provide monitoring results in the subsequent Report of Operations.
- b) Casing pressure test for fracture stimulation operations cannot exceed the internal yield strength of the casing including a 20% safety factor unless a waiver is granted. Stimulation operations cannot exceed this test pressure.

3. File well test and recompletion results within 30 days of completing recompletion operations.