

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.

| | | |
|---|--|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. NMNM011350A |
| 2. Name of Operator Hilcorp Energy Company | | 6. If Indian, Allottee or Tribe Name |
| 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. San Juan 29-5 Unit 66G |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit N (SESW) 770' FSL & 2630' FWL, Sec. 33, T29N, R05W | | 8. Well Name and No. San Juan 29-5 Unit 66G |
| | | 9. API Well No. 30-039-29211 |
| | | 10. Field and Pool or Exploratory Area Gobernador PC/Blanco MV/Basin DK |
| | | 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 | 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 recomple 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 recomple 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 Pictured Cliffs formation and downhole commingle with the existing Mesaverde and Dakota. Attached is the PC C102, recomplete procedure & wellbore schematic. The DHC application will be submitted and approved prior to commingling. A Closed Loop system will be utilized.

NMOCD
JUL 18 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) Tammy Jones | | Title Operations/Regulatory Technician - Sr. |
| Signature <i>Tammy Jones</i> | | Date 6/4/2019 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|-------|--------|
| Approved by | Title | Date |
| | | |
| 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 |
| | | |

ACCEPTED FOR RECORD
JUL 17 2019
BIRMINGHAM FIELD OFFICE
NMOCD

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 268151

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-------------------------------|--|--|
| 1. API Number 30-039-29211 | 2. Pool Code 77440 | 3. Pool Name GOVERNADOR PICTURED CLIFFS (GAS) |
| 4. Property Code 318837 | 5. Property Name SAN JUAN 29 5 UNIT | 6. Well No. 066G |
| 7. OGRID No. 372171 | 8. Operator Name HILCORP ENERGY COMPANY | 9. Elevation 6580 |

10. Surface Location

| | | | | | | | | | |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|----------------------|
| UL - Lot N | Section 33 | Township 29N | Range 05W | Lot Idn | Feet From 770 | N/S Line S | Feet From 2630 | E/W Line W | County RIO ARRIBA |
|---------------|---------------|-----------------|--------------|---------|------------------|---------------|-------------------|---------------|----------------------|

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 | 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

| | | |
|--|--|--|
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| | | |

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: *Tammy Jones*
 Title: Operations/Regulatory Technician - Sr.
 Date: 6/4/2019

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: Jason C. Edwards
 Date of Survey: 5/23/2004
 Certificate Number: 15269



HILCORP ENERGY COMPANY
SAN JUAN 29-5 UNIT 66G
PICTURED CLIFFS RECOMPLETION SUNDRY

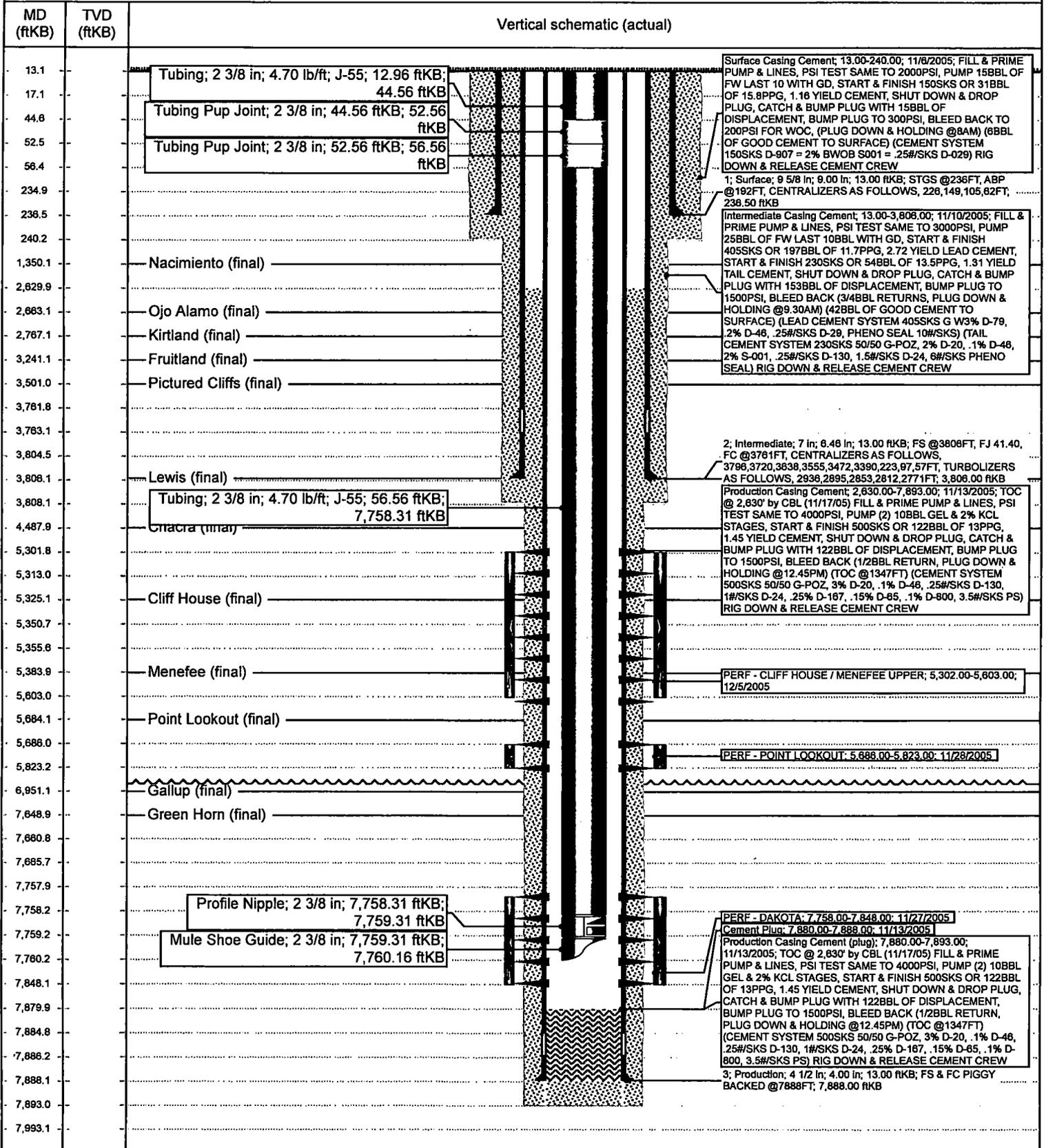
JOB PROCEDURES

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 7,760'.
3. Set a 4-1/2" plug at +/- 5,252' to isolate the **Mesa Verde and Dakota Formations**. Note: TOC at 2,630' 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 +/- 3,700'.
6. Load the hole and pressure test the casing to 5,000 psi (64.3% of internal yield pressure for 4.5" - 11.6# - N-80 casing).
7. N/D BOP, N/U frac stack and pressure test frac stack.
8. Perforate and frac the **Pictured Cliffs** formation (Top Perforation @ 3,501'; Bottom Perforation @ 3,602').
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 **Mesa Verde and Dakota Formation** isolation plug.
12. Clean out to **Mesa Verde and Dakota Formation** isolation plug.
13. Drill out **Mesa Verde and Dakota Formation** isolation plug and cleanout to PBSD of 7,880'. TOOH.
14. TIH and land production tubing. Get a commingled **Mesa Verde + Dakota + Pictured Cliffs** flow rate.

Well Name: SAN JUAN 29-5 UNIT #66G

| | | | | | |
|-----------------------------------|---|----------------------------------|--------------------------------|--------------------------------|-------------------------------------|
| API / UWI 3003929211 | Surface Legal Location 033-029N-005W-N | Field Name MV/DK COM | Route 1308 | State/Province NEW MEXICO | Well Configuration Type VERTICAL |
| Ground Elevation (ft) 6,580.00 | Original KB/RT Elevation (ft) 6,593.00 | KB-Ground Distance (ft) 13.00 | KB-Casing Flange Distance (ft) | KB-Tubing Hanger Distance (ft) | |

VERTICAL, Original Hole, 6/4/2019 1:32:28 PM



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 88A 30-039-22211

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. Good CBL on file. PC zone is isolated.

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.
- c) CIBP for base of fracture stimulation to be set less 50' above top existing perforation.

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