

RECEIVED

Form 3160-5
(August 2007)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land ManagementFORM 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

☐ 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

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

Surface Unit K (NESE) 2110' FSL & 1395' FWL, Sec. 31, T29N, R07W

5. Lease Serial No.

NMSF 078503

6. If Indian, Allottee or Tribe Name

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

San Juan 29-7 Unit

8. Well Name and No.

San Juan 29-7 Unit 111

9. API Well No.

30-039-21332

10. Field and Pool or Exploratory Area

Blanco Mesaverde / Basin Dakota

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 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 with the existing Dakota. Attached is the MV C102, recomplete 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.

This well is pending approval of well density exemption.

NMOCD

HOLD C104 FOR Density Exemption 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)

Christine BrockTitle **Operations/Regulatory Technician - Sr.**

Signature

Christine Brock

Date

6/6/19

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Office

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.

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

ACCEPTED FOR RECORD
JUL 18 2019
FARMINGTON FIELD OFFICE

5

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) 334-8170**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 268325

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-21332	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318713	5. Property Name SAN JUAN 29 7 UNIT	6. Well No. 111
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6642

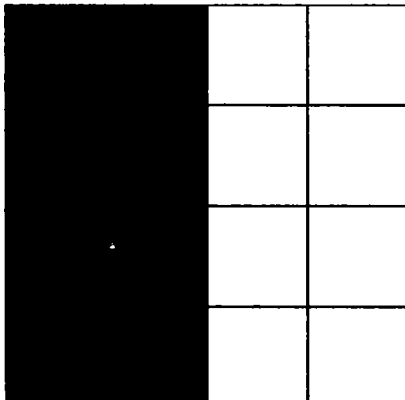
10. Surface Location

UL - Lot K	Section 31	Township 29N	Range 07W	Lot Idn	Feet From 2110	N/S Line S	Feet From 1395	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 251.16 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: <i>Christine Brock</i>	
	Title: Operation/Regulatory Tech Sr. Date: 6/6/2019	
	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:	Fred B. Kerr Jr
	Date of Survey:	2/1/1977
	Certificate Number:	3950



HILCORP ENERGY COMPANY

SJ 29-7 UNIT #111

MESAVERDE PROCEDURE

API #: 30-039-21332

JOB PROCEDURES

1. MIRU Service rig and associated equipment, test BOP. Check Bradenhead pressures daily and record throughout the recompleting project. Notify NMOCD and BLM if any anomalous pressure changes occur on the Bradenhead.
2. TOOH w/ 2 3/8" tubing set at 7,765'.
3. MU 4.5" CIBP and set at ~7,541' or deeper (no higher than 50' above existing perforations, which are currently located at 7,591')
4. There is no CBL on file, so we will run one. Roll hole. RU E-line truck and equipment, MU CBL tools and RIH. Log well with a CBL from the CIBP to Surface. Submit CBL results to NMOCD and BLM. Confirm if found cement top gives adequate coverage of newly requested perforations with BLM and NMOCD. Remediate cement top if necessary to get adequate cement coverage. If remedial cement is required, keep in communication with BLM and NMOCD regarding pressure testing and path forward until coverage is accepted by both.
 - a. On file, there is a Temperature Survey showing TOC at ~3,200', we will confirm with a CBL
5. Perform MIT down casing to CBP to ~7,541', 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.
6. Once passed and all approvals are in. Set secondary isolation plug at 6,172'. ND BOP, NU frac stack. PT frac stack and casing to maximum frac pressure. The pressure test will not exceed 85% of the internal yield pressure rating of the primary treatment string (casing).
7. Perforate Mesaverde zone from 4,923'-6,022' (This is requested interval). Well is ready to frac.
8. Frac Mesaverde formation from 4,923'-6,022' (This is requested interval).
9. Set isolation plug above top perf.
10. ND the frac stack, NU the BOP and test.
11. TIH with a mill. Tag and drill out the isolation plugs. Clean out to PBTD of 7,811'.
12. Once water and sand rates are acceptable. TOOH.
13. TIH and land production tubing. Get a commingled Dakota/MV flow rate.

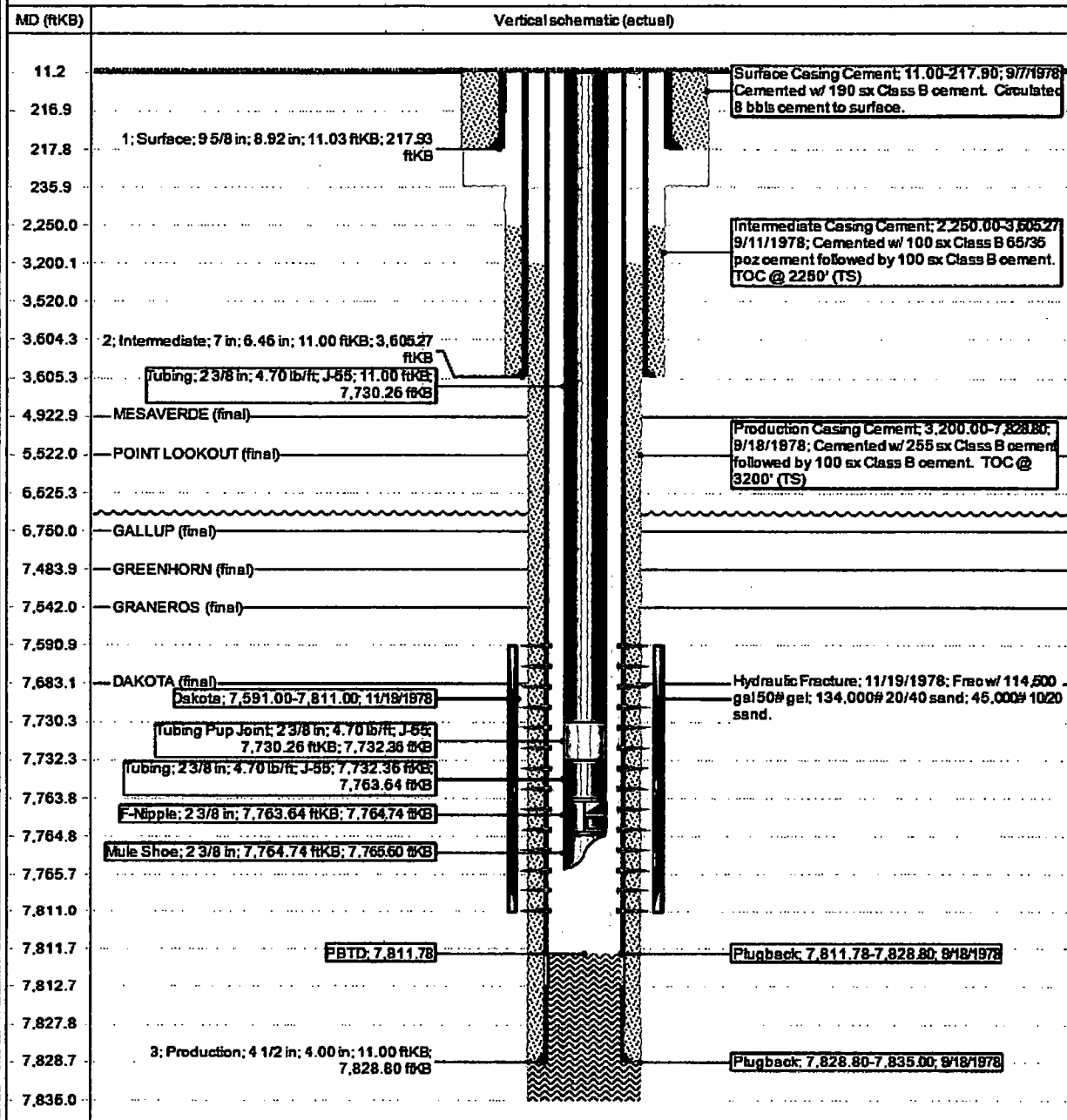
Well Name: SAN JUAN 29-7 UNIT #111

API / UWI 3003921332	Surface Legal Location 031-028N-007W-4K	Field Name BACIN DAKOTA (PREPARED G. 4005)	License No.	State/Province NEW MEXICO	Well Classification Type VERTICAL
Original KBRT Elevation (ft) 6,653.00	KB-Ground Distance (ft) 11.00	Original Spore Date 9/6/1978 00:00	Reg Release Date 8/10/1998 1800	FBTD (AK) (ftKB) Original Hole - 7,811.8	Total Depth AK (ftKB) (ftKB)

Most Recent Job

Job Category WELL INTERVENTION	Primary Job Type TUBING REPAIR	Secondary Job Type	Actual Start Date 1/26/2011	End Date 2/1/2011
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TD: 7,835.0 VERTICAL, Original Hole, 6/5/2019 12:44:44 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 29-7 Unit 111 30-039-21332

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 and CBL for verification to the following addresses: jhoffman@BLM.gov and Brandon.Powell@state.nm.us.

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.