

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

MAY 22 2018

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. NM-03188
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 22C
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface Unit M (SWSW) 305'FSL & 220' FWL, Sec. 8, T29N, R05W		8. Well Name and No. San Juan 29-5 Unit 22C
		9. API Well No. 30-039-29464
		10. Field and Pool or Exploratory Area Gobenador 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	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 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 Pictured Cliffs formation and downhole commingle the existing Mesaverde with the Pictured Cliffs. Attached is the PC C102, recomplete procedure & wellbore schematic. The DHC application will be submitted and approved before the work proceeds. A closed loop system will be utilized.

NMOC

MAY 30 2018

DISTRICT III

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

SEE ATTACHED FOR CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Etta Trujillo		Title Operations/Regulatory Technician - Sr.
Signature 		Date 5-22-18

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title Petroleum Engineer	Date 5/24/2018
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 FFO	

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.

NMOC

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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 252310

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-039-29464	2. Pool Code 77440	3. Pool Name GOBERNADOR PICTURED CLIFFS (GAS)
4. Property Code 318837	5. Property Name SAN JUAN 29 5 UNIT	6. Well No. 022C
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6516

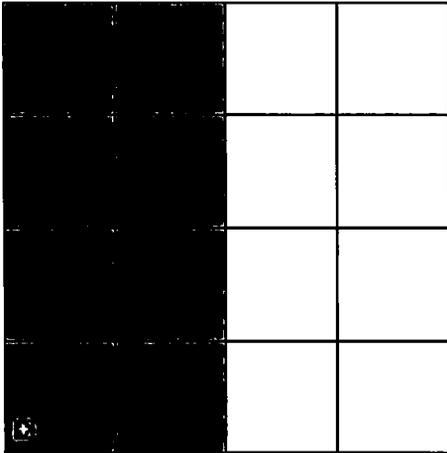
10. Surface Location

UL - Lot M	Section 8	Township 29N	Range 05W	Lot Idn	Feet From 305	N/S Line S	Feet From 220	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

	<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>Etta Trujillo</i> Title: Operations/Regulatory Tech Date: 5/11/2018</p> <hr/> <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: Jason C. Edwards Date of Survey: 8/11/2004 Certificate Number: 15269</p>
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HILCORP ENERGY COMPANY
SAN JUAN 29-5 UNIT 22C
PICTURED CLIFFS RECOMPLETION SUNDRY

JOB PROCEDURES

1. MIRU service rig and associated equipment; test BOP.
2. TOOH with 2 3/8" tubing set at 5,647'.
3. Set a 4-1/2" cast iron bridge plug at +/- 4,050' to isolate the Mesa Verde.
4. RU Wireline. Run CBL. Record Top of Cement. Note: Current TOC at 3,950' by CBL.
5. Load the hole and pressure test the casing to frac pressure.
6. Perforate squeeze holes in the 4-1/2" production casing @ 3,784'.
7. Pump and circulate cement to surface.
8. Clean out any excess cement to cast iron bridge plug @ 4,050'.
9. RU Wireline. Run CBL. Record Top of Cement.
10. Load the hole and MIT the casing to 660 psi.
11. N/D BOP, N/U frac stack and test frac stack to frac pressure.
12. Perforate and frac the Pictured Cliffs in a single stage (Top Perforation @ 3,461'; Bottom Perforation @ 3,531').
13. Isolate frac stage with a composite bridge plug.
14. Nipple down frac stack, nipple up BOP and test.
15. TIH with a mill and drill out top Pictured Cliffs isolation plug.
16. Clean out to Mesa Verde isolation plug and, when water and sand rates are acceptable, flow test the Pictured Cliffs.
17. Drill out Mesa Verde isolation plug and cleanout to PBTD of 6,008'. TOOH.
18. TIH and land production tubing. Get a commingled Mesa Verde/Pictured Cliffs flow rate.



HILCORP ENERGY COMPANY
SAN JUAN 29-5 UNIT 22C
PICTURED CLIFFS RECOMPLETION SUNDRY

SAN JUAN 29-5 UNIT 22C - CURRENT WELLBORE SCHEMATIC

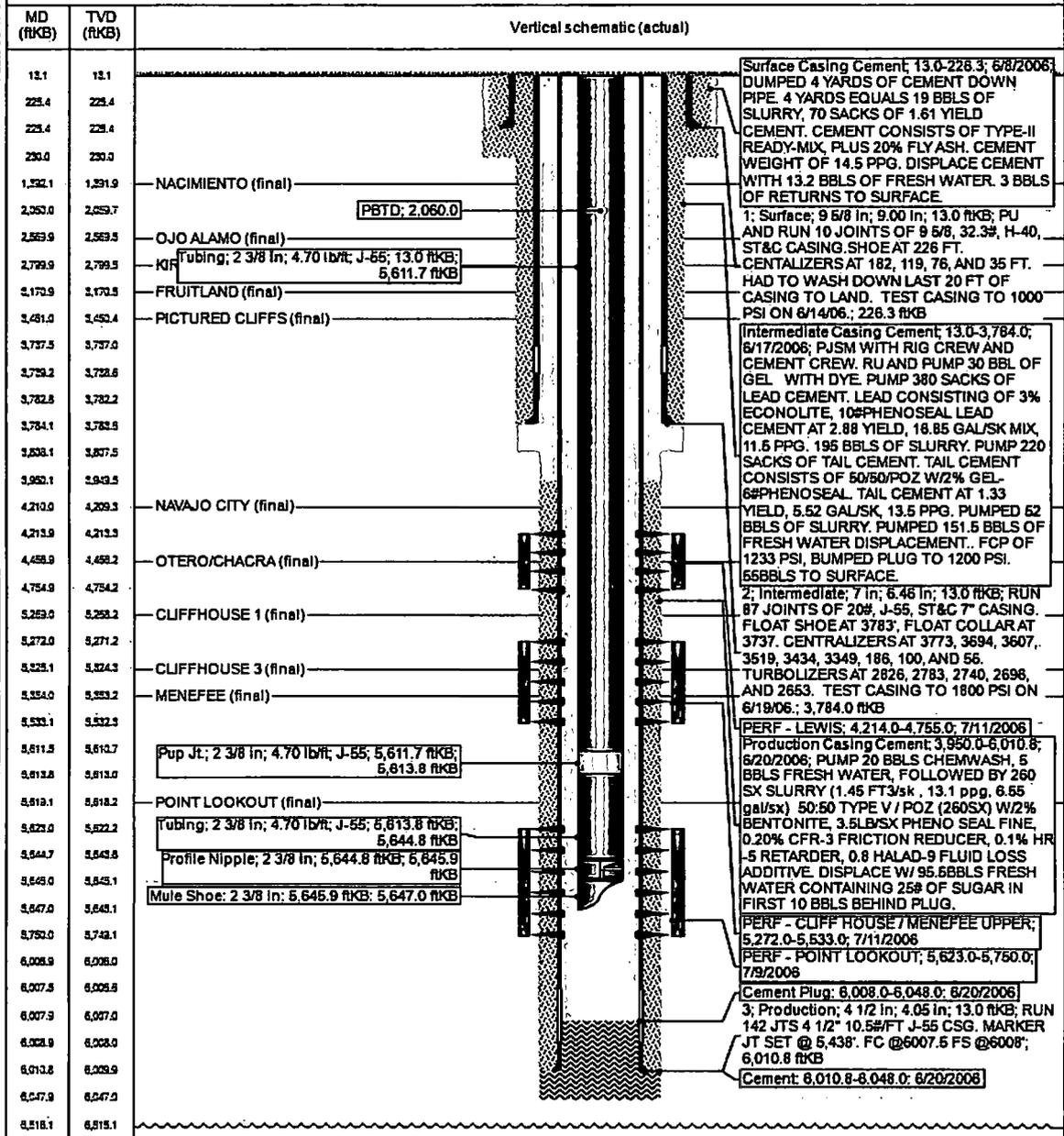


Current Schematic - Version 3

Well Name: SAN JUAN 29-5 UNIT #22C

API / UWI 3003929464	Surface Legal Location 008-029N-005W-M	Field Name MV	License No.	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,516.00	Original K&B RT Elevation (ft) 6,529.00	K&B-Grnd Clearance (ft) 13.00	K&B-Casing Flange Distance (ft)	K&B-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 5/3/2018 3:53:51 PM





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Farmington District Office
6251 College Blvd. - Suite A
Farmington, New Mexico 87402
www.blm.gov/nm



CASING REPAIR, WORKOVER, AND RECOMPLETION CONDITION OF APPROVAL

1. If casing repair operations are needed, obtain prior approval from this office before commencing repairs.
2. If a CBL or other logs are run, provide this office with a copy.
3. After any casing repair operations, test cement squeeze to a minimum of 500# for 30 minutes with no more than 10 % pressure fall off in the 30 minutes test period. Provide test chart with your subsequent report of operations
4. A properly functioning BOP and related equipment must be installed prior to commencing workover, casing repair, and/or recompletion operations.
5. **Contact this office at (505) 564-7750 prior to conducting any cementing operations**

SPECIAL STIPULATIONS:

1. **Pits will be fenced during work-over operation.**
2. **All disturbance will be kept on existing pad.**
3. **All pits will be pulled and closed immediately upon completion of the recompletion and work-over activities.**
4. **Pits will be lined with an impervious material at least 12 mils thick.**