

Submit 1 Copy To Appropriate District Office  
District I – (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II – (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III – (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV – (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-039-20616
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. E-5114-4
7. Lease Name or Unit Agreement Name San Juan 29-7 Unit
8. Well Number 105
9. OGRID Number 372171
10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other
2. Name of Operator HILCORP ENERGY COMPANY
3. Address of Operator 382 ROAD 3100, AZTEC NM 87410
4. Well Location Unit Letter <u>A</u> <u>825</u> feet from the <u>North</u> line and <u>1145</u> feet from the <u>East</u> line Section <u>36</u> Township <u>29N</u> Range <u>7W</u> NMPM County <u>Rio Arriba</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6432'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐  
DOWNHOLE COMMINGLE ☐  
CLOSED-LOOP SYSTEM ☐  
OTHER: ☒ Re-Complete

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐  
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Plans are 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. The DHC application will be submitted and approved before the work proceeds. A Closed Loop system will be utilized.

MV density approval – R-14563

# See attached conditions of approval.

NMOC

JAN 29 2019

DISTRICT III

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Christine Brock TITLE Operations / Regulatory Technician DATE 1/28/2019

Type or print name Christine Brock E-mail address: cbrock@hilcorp.com PHONE: 505-324-5155

For State Use Only

APPROVED BY: Bruno Hall TITLE I+E Supervisor DATE 2/11/19

Conditions of Approval (if any):

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**District I**

1625 N. French Dr., Hobbs, NM 88240  
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**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 246212

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-039-20616	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. 105
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6432

**10. Surface Location**

UL - Lot A	Section 36	Township 29N	Range 07W	Lot Idn	Feet From 825	N/S Line N	Feet From 1145	E/W Line E	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 E/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 NONSTANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<b>OPERATOR CERTIFICATION</b>	
	<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>	
	E-Signed By: Title: Operations/Regulatory Technician Date: 12/21/2017	
	<b>SURVEYOR CERTIFICATION</b>	
<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>		
Surveyed By: David Kilven Date of Survey: 4/5/1973 Certificate Number: 1760		

**SJ 29-7 Ut #105**

036-029N-007W-A

API#: 3003920616

**Mesa Verde Recompletion Procedure**

1/25/2019

**Procedure:**

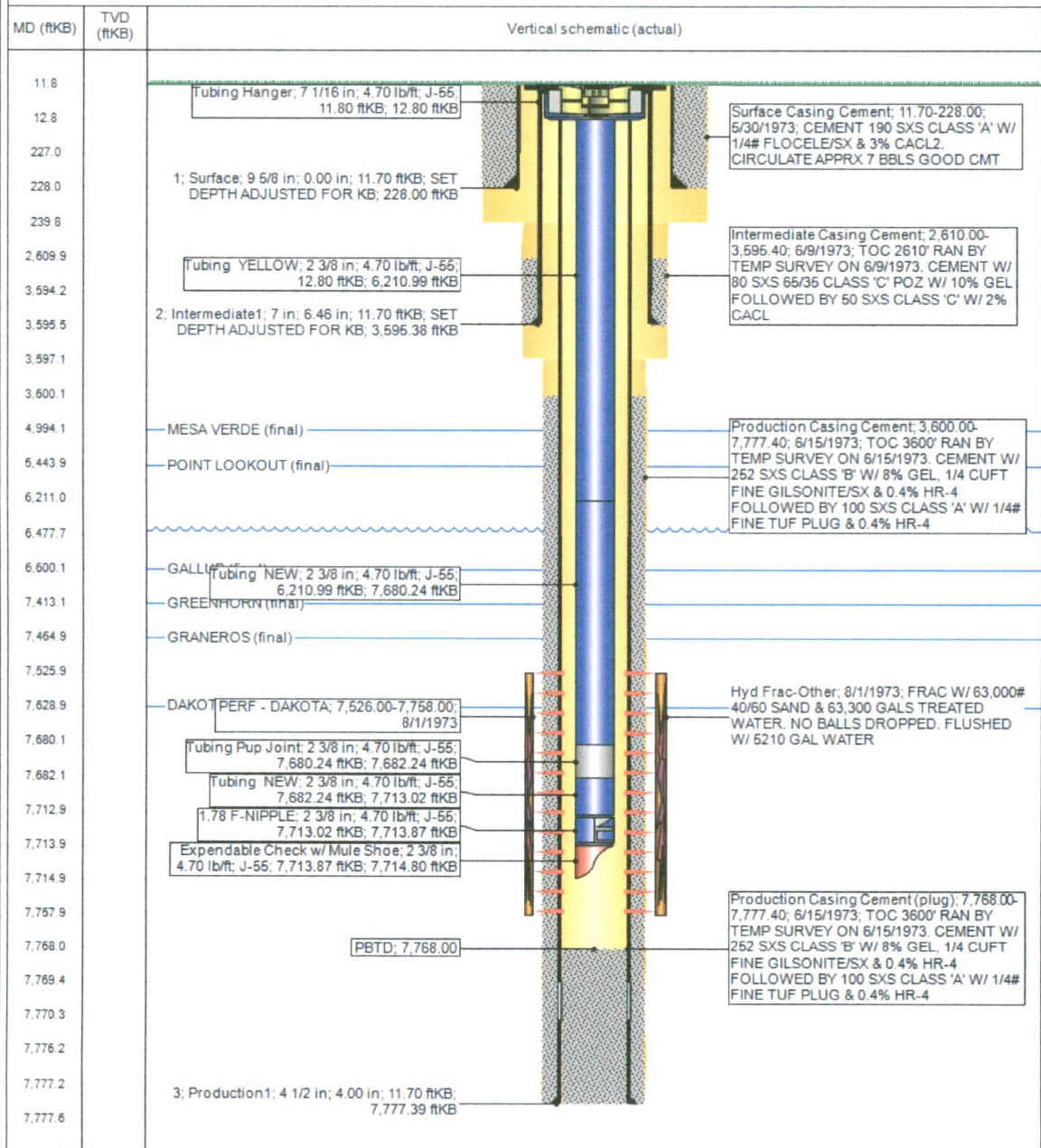
1. MIRU Service rig and associated equipment
2. Test BOP's
3. TOOH with 2-3/8" tubing currently set with EOT at 7,714'
4. Set a CIBP to isolate the Dakota @  $\pm 6,200'$
5. Load the hole
6. Pressure test casing to maximum frac pressure
7. ND BOP's. NU frac stack and test same to maximum frac pressure
8. RDMO Service rig
9. MIRU frac spread
10. Perforate and frac the MV from 4,650' to 5,944'. RDMO frac spread
11. MIRU Service rig
12. Test BOP's
13. PU mill & RIH to clean out to Dakota isolation plug
14. When water and sand rates are acceptable, flow test the MV
15. Drill out Dakota isolation plug & TOOH
16. TIH and land production tubing. Obtain a commingled Dakota flow rate
17. ND BOP's, NU production tree
18. RDMO service rig & turn well over to production.



**Well Name: SAN JUAN 29-7 UNIT #105**

API / UWI 3003920616	Surface Legal Location 036-029N-007W-A	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1003	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,432.00	Original KB-RT Elevation (ft) 6,443.70	KB-Ground Distance (ft) 11.70	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

VERTICAL, Original Hole, 1/25/2019 2:29:15 PM



State of New Mexico  
Energy, Minerals and Natural Resources Department

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**Susana Martinez**  
Governor

**Ken McQueen**  
Cabinet Secretary

**Matthias Sayer**  
Deputy Cabinet Secretary

**Heather Riley**, Division Director  
Oil Conservation Division



**New Mexico Oil Conservation Division  
Conditions of Approval**

Well information:

**Hilcorp, San Juan 29-7 #105, API# 30-039-20616**

Application Type:

☒ **Recomplete/DHC** (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

Conditions of Approval:

- Notify the OCD 24hrs prior to beginning operations.
- Set cast iron bridge plug (CIBP) inside of cemented casing and at least 500' below the bottom of the proposed perforations. To show adequate formation/cement isolation.
- Perform and submit a cement bond log (CBL) to the OCD for review and approval prior to perforating the formation.
- If needed, submit proposed remediation plan to the OCD for review and approval prior to starting remediation.