

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

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.)		WELL API NO. 30-045-07797
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator Hilcorp Energy Company		6. State Oil & Gas Lease No.
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name Keys Gas Com D
4. Well Location Unit Letter <u>N</u> : <u>1170</u> feet from the <u>South</u> line and <u>1590</u> feet from the <u>West</u> line Section <u>29</u> Township <u>29N</u> Range <u>10W</u> NMPM County <u>San Juan</u>		8. Well Number <u>1</u>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5557' GL		9. OGRID Number 372171
		10. Pool name or Wildcat Blanco Mesaverde / Basin Dakota

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: ☒ RECOMPLETE

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.

It is intended to recomplete the subject well in the Mesaverde formation and downhole commingle with the existing Dakota formation. Attached is the Mesaverde plat and recomplete procedure. A DHC application will be filed and approved prior to commingling.

Hilcorp Energy plans to use a closed loop system for this recomplete.

NMOC

Spud Date:

Rig Release Date:

JUL 25 2019
DISTRICT III

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

SIGNATURE Cherylene Weston TITLE: Operations/Regulatory Technician-Sr. DATE 7-24-19

Type or print name Cherylene Weston E-mail address: cweston@hilcorp.com PHONE: 505-564-0779

For State Use Only

APPROVED BY: [Signature] TITLE: SUPERVISOR DISTRICT #3 DATE 8/14/19

Conditions of Approval (if any):

AV

District I

1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
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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 270229

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-07797	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 321791	5. Property Name KEYS GAS COM D	6. Well No. 001
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5557

10. Surface Location

UL - Lot N	Section 29	Township 29N	Range 10W	Lot Idn	Feet From 1170	N/S Line S	Feet From 1590	E/W Line W	County SAN JUAN
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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 - S/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>Cherylene Weston</i> Title: Cherylene Weston, Operations/Regulatory Tech-Sr. Date: 07/24/2019</p>
	<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: JAMES P. LEESE Date of Survey: 4/29/1964 Certificate Number: 1463</p>

7/24/2019



HILCORP ENERGY COMPANY

KEYS GAS COM D 1

MESA VERDE RECOMPLETION SUNDRY

API #: 30-045-07797

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 pressures changes occur on the Bradenhead.
2. TOOH w/ 2 3/8" tubing set at 6241'.
3. Set initial CIBP at 6152' or deeper (no higher than 50' above existing perforations)
4. Perform MIT from initial CBP, 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.
5. Run CBL and submit it to NMOCD and BLM.
6. Optionally set bridge plug below intended recompleting interval.
7. ND BOP, NU frac stack. Pressure test the production casing or frac string and frac stack to maximum frac pressure. The pressure test will not exceed 85% of the internal yield pressure rating of the primary treatment string.
8. Perforate and frac the Mesa Verde within 3350'-4590' (MV base referencing 4090' PNLK).
9. Optionally set a kill plug above recompleting interval for casing fracs.
10. ND the frac stack, NU the BOP and test.
11. MU and TIH with a mill. Tag and drill out the top isolation plug and Mesa Verde frac plugs if applicable.
12. Clean out the wellbore to the top of the Dakota isolation plug.
13. Once water and sand rates are acceptable, drill out the Dakota isolation plug and cleanout to PBTD of 6374'. TOOH.
14. TIH and land production tubing. Get a commingled Dakota/MV flow rate.

Well Name: KEYS GAS COM D #1

API / UWI 3004507797	Surface Legal Location T29N-R10W-S29	Field Name Basin Dakota	Route 0705	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 5,545.00	Original KB/RT Elevation (ft) 5,557.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 7/24/2019 7:52:24 AM
