

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. 30-045-24508
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator HILCORP ENERGY COMPANY		6. State Oil & Gas Lease No. E-5842
3. Address of Operator 382 Road 3100, Aztec, NM 87410		7. Lease Name or Unit Agreement Name TURNER B COM
4. Well Location Unit Letter <u>C</u> <u>1000</u> feet from the <u>North</u> line and <u>1600</u> feet from the <u>West</u> line Section <u>02</u> Township <u>30N</u> Range <u>09W</u> NMPM <u>San Juan</u> County		8. Well Number 2
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6029'		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: ☒ RECOMPLETION

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.

Hilcorp Energy Company requests permission to recomplete the subject well in the Mesaverde and downhole commingle with the existing Dakota formation. Attached is the procedure, wellbore diagram and plat. A DHC application will be filed and approved prior to commingling. A closed loop system will be used.

Notify NMOCD 24 hrs
prior to beginning
operations

HOLD C104 FOR DHC

NMOCD

JUN 12 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 Priscilla Shorty TITLE Operations Regulatory Technician Sr. DATE 5/31/2019

Type or print name Priscilla Shorty E-mail address: pshorty@hilcorp.com PHONE: 505-324-5188

For State Use Only

APPROVED BY: [Signature] TITLE SUPERVISOR DISTRICT #3 DATE 6/17/19

Conditions of Approval (if any):

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District I

1625 N. French Dr., Hobbs, NM 88240
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District IV

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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 268063

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-24508	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 318932	5. Property Name TURNER B COM	6. Well No. 002
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 6029

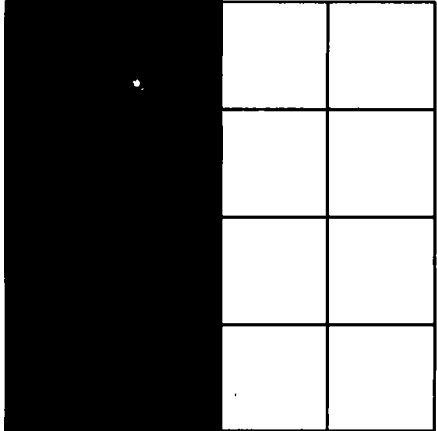
10. Surface Location

UL - Lot C	Section 2	Township 30N	Range 09W	Lot Idn 3	Feet From 1000	N/S Line N	Feet From 1600	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 321.48				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>Priscilla Shorty</i> Title: Operations Regulatory Tech - Sr. Date: 5/31/2019</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: Fred Kerr Date of Survey: 1/24/1980 Certificate Number: 3950</p>
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HILCORP ENERGY COMPANY
TURNER B COM 2
MESA VERDE RECOMPLETION SUNDRY

API #:

3004524508

JOB PROCEDURES

- ☒ NMOCD **Contact OCD and BLM (where applicable) 24 hrs prior to MIRU. Record and document all casing pressures daily, including BH, IC (if present) and PC. Comply with all NMOCD, BLM (where applicable), and HEC safety and environmental regulations.**
- ☐ BLM

1. MIRU service rig and associated equipment; NU and test BOP.
2. TOOH with **2 3/8"** tubing set at **7,332'**.
3. MU a **4-1/2"** cast iron bridge plug and RIH with work string; set CIBP at +/- **7,136'** to isolate the Dakota Formation (set 50' above top perforation).
4. Load hole with fluid and TOOH with the work string. MIRU E-line truck. Run a CBL on the 4-1/2" casing from Dakota plug to hanger @ **3,191'**. Verify cement bond within the Mesa Verde and TOC. Review CBL results with engineering, NMOCD and BLM. **CBL not necessary in 7" casing as cement was returned to surface in primary completion and 7" casing will be isolated from frac pressures.**
5. RU pressure test truck. Perform a Mechanical Integrity Test on wellbore. Chart record the MIT test (Notify NMOCD & BLM +24hr before actual test). Review and submit the MIT test results to the NMOCD and BLM. If the MIT fails, discuss with both the NMOCD and BLM on a plan of action to remediate the wellbore. Perform 2nd MIT once remediated.
6. Set a cast iron bridge plug at +/- **5,455'** to provide a base for the frac.
7. Perforate the Mesa Verde. (Top perforation @ **4,434'**, Bottom perforation @ **5,405'**)
8. RIH w/ frac string and packer, set packer @ **~4380'**. ND BOP, NU frac stack. PT frac string to 9000#, PT backside to 300#.
9. Frac the **Mesa Verde** in 1 stage down frac string.
10. Flowback well until pressures diminish sufficiently to move workover rig on well.
11. MIRU workover rig. Nipple down frac stack, nipple up BOPs and test.
12. Release packer and POOH w/ frac string.
13. TIH w/ mill and clean down to the top of the **base of frac plug** at **5,455'**. Take **Mesa Verde** gas samples and send for analysis.
14. Drill out **frac plug** at **5,455'** and cleanout to DK isolation plug at **7,136'**.
15. Drill out Dakota isolation plug and cleanout to PBTD of **7,415'**. TOOH.
16. TIH and land production tubing. Get a commingled **Dakota/Mesa Verde** flow rate.
17. RDMO. Turn well over to production.

HEC has reviewed all formation tops as per the NMOCD website. Huerfanito Bentonite top added at 3547'. Chacra top added at 3890'. Point Lookout top revised to 5058'. Mancos top revised to 5405'.



HILCORP ENERGY COMPANY
TURNER B COM 2
MESA VERDE RECOMPLETION SUNDRY

TURNER B COM 2 - CURRENT WELLBORE SCHEMATIC



Current Schematic

Well Name: TURNER B COM #2

API / UWI 3004524508	Surface Lagar Location 002-030N-009W-C	Field Name DK	Route 0408	State/Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 6,029.00	Original KB RT Elevation (ft) 6,041.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

Vertical, Original Hole, 5/20/2019 12:50:30 PM

