

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- 07899
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>		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 Black Gas Com
4. Well Location Unit Letter <u>C</u> : <u>1190</u> feet from the <u>North</u> line and <u>1650</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.) 5513' 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.

Hilcorp Energy intends 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.

*The well file doesn't show the first stage circulated so a CBL is required to be submitted and approved prior to cementing.*

Spud Date:

Rig Release Date:

Notify NMOCD 24 hrs  
prior to beginning  
operations

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 3-25-19

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

For State Use Only

APPROVED BY: Brandon Powell TITLE: I&E Supervisor DATE 4/22/19  
Conditions of Approval (if any): AV

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**District I**

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

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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 264838

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-045-07899	2. Pool Code 72319	3. Pool Name BLANCO-MESAVERDE (PRORATED GAS)
4. Property Code 321719	5. Property Name BLACK GAS COM	6. Well No. 001
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5513

**10. Surface Location**

UL - Lot C	Section 29	Township 29N	Range 10W	Lot Idn	Feet From 1190	N/S Line N	Feet From 1650	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 - N/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;"><b>OPERATOR CERTIFICATION</b></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: 03/12/2019</p>
	<p style="text-align: center;"><b>SURVEYOR CERTIFICATION</b></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: ERNEST V. ECHOHAWK Date of Survey: 4/16/1964 Certificate Number: 3602</p>

**Black Gas Com 1**

Section 29-T29N-R10W

API#: 30-045-07899

**MV Recompletion Procedure**

2/22/2019

**Procedure:**

1. MIRU Service rig and associated equipment, test BOP.
2. TOOH w/ 2 3/8" tubing set at 6168'.
3. Set initial CIBP at 6094' or deeper (no higher than 50' above existing perforations)
4. Perform MIT from initial CBP, providing 24 hr notice to agencies.
5. *(Note: 4-1/2" string cement circulated to surface per 8/13/64 C-103 Miscellaneous Report.)*
6. Optionally set bridge plug at approximately 4676'.
7. ND BOP, NU frac stack and test frac stack to frac pressure.
8. Perforate and frac the Mesa Verde. Estimated interval: 3320'-4576' (basal depths are per state rules - 500' below the PTLK top)
9. Cleanout to isolation plug. Flow test MV.
10. Cleanout to PBTD.
11. TIH and land production tubing. Get a commingled flow rate.
12. Release service rig and turn well over to production.





API / UWI 3004507899	Surface Legal Location T29N-R10W-S29	Field Name Basin Dakota	Route 0705	State/Province New Mexico	Well Configuration Type Vertical
Ground Elevation (ft) 5,501.00	Original KB/RT Elevation (ft) 5,513.00	KB-Ground Distance (ft) 12.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	

MD (ftKB)	TVD (ftKB)	Vertical schematic (actual)
12.1		Surface Casing Cement; 12.00-796.00; 6/26/1964
794.9		Cement; 12.00-4,453.00; 7/10/1964
795.9		Production Casing Cement; 4,453.00-6,361.00; 7/10/1964
4,453.1		Hydraulic Fracture; 7/15/1964; FRAC'D DK PERFS FR/6,144' - 6,151' W/23,290 GALS SLICK WTR CARRYING 15,000# 20/40 SD & 5,000# 10/20 SD. AIR 43 BPM. ATP 3,475 PSIG.
4,454.1		**** XTO StimTreat data ****
4,738.5		Top Perf (ftKB): Bottom Perf (ftKB): Top Perf TVD (ftKB): Bottom Perf TVD (ftKB): 5 Min (psi): 10 Min (psi): 15 Min (psi): Frac Interval TVD (ftKB): Initial Frac Gradient: AIR (bbl/min): ATP (psi): MIR (bbl/min): SICP (psi): Breakdown Pressure (psi): Ball Seat ? Designed Water (bbl): Total Water Pumped (bbl): Proppant Type: Total Proppant (lb): Flush Volume (bbl): % Pad (%): Surfactant Type: Surfactant Volume (gal): Surfactant Average Concentration: Bactericide Type: Bactericide Volume (gal): Bactericide Average Concentration:
6,144.0		Tubing; 2 3/8 in; 4.70 lb/ft; J-55; NEW; 4,738.50 ftKB; 6,160.25 ftKB
6,150.9		Perforated; 6,144.00-6,151.00; 7/15/1964
6,160.1		
6,166.3		Tubing Sub; 2 3/8 in; 4.70 lb/ft; J-55; 6,160.25 ftKB; 6,166.25 ftKB
6,167.3		Seat Nipple; 2 3/8 in; J-55; 6,166.25 ftKB; 6,167.35 ftKB
6,167.7		Notched Collar; 2 3/8 in; 6,167.35 ftKB; 6,167.75 ftKB
6,208.0		Perforated; 6,208.00-6,218.00; 7/15/1964
6,217.8		
6,231.0		Perforated; 6,231.00-6,241.00; 7/15/1964
6,241.1		
6,326.1		PBTD; 6,326.00
6,359.9		
6,360.9		2; Production; 4 1/2 in; 0.00 in; 12.00 ftKB; 6,361.00 ftKB