

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 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.

5. Lease Serial No.
NMSF078596

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

7. If Unit or CA/Agreement, Name and/or No.
14080011152

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
MADDOX COM 1B

2. Name of Operator
HILCORP ENERGY COMPANY
Contact: PRISCILLA SHORTY
E-Mail: pshorty@hilcorp.com

9. API Well No.
30-045-29856-00-S1

3a. Address
1111 TRAVIS STREET
HOUSTON, TX 77002

3b. Phone No. (include area code)
Ph: 505-324-5188

10. Field and Pool or Exploratory Area
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 17 T30N R8W SWSW 915FSL 660FWL
36.805973 N Lat, 107.705432 W Lon

11. County or Parish, State
SAN JUAN COUNTY, NM

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"/> Hydraulic Fracturing	<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 requests permission to recomplete the subject well in the Fruitland Coal and downhole commingle with the existing Mesaverde formation. Attached is the procedure, wellbore diagram, plat, gas capture plan, and interim reclamation plan. A pre-interim reclamation site inspection was completed by Bob Switzer, BLM, on 8/23/2019. A DHC application will be filed and approved prior to commingling. A closed loop system will be used.

NMOCD

OCT 11 2019

DISTRICT III

HOLD C104 FOR DHC

Notify NMOCD 24 hrs prior to beginning operations

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #480441 verified by the BLM Well Information System
For HILCORP ENERGY COMPANY, sent to the Farmington
Committed to AFMSS for processing by ALBERTA WETHINGTON on 09/03/2019 (19AMW0583SE)**

Name (Printed/Typed) PRISCILLA SHORTY	Title OPERATIONS REGULATORY TECH SR
Signature (Electronic Submission)	Date 08/26/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>JOE KILLINS</u>	Title <u>ENGINEER</u>	Date <u>10/10/2019</u>
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 Farmington		

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.

(Instructions on page 2) ** BLM REVISED **

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District I1625 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) 476-3462Form C-102
August 1, 2011

Permit 271539

State of New Mexico
Energy, Minerals and Natural
Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-045-29856	2. Pool Code 71629	3. Pool Name BASIN FRUITLAND COAL (GAS)
4. Property Code 319187	5. Property Name MADDOX COM	6. Well No. 001B
7. OGRID No. 372171	8. Operator Name HILCORP ENERGY COMPANY	9. Elevation 5800

10. Surface Location

UL - Lot M	Section 17	Township 30N	Range 08W	Lot Idn	Feet From 915	N/S Line S	Feet From 660	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	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

OPERATOR CERTIFICATION

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.

E-Signed By: *Priscilla Shorty*
Title: Operations Regulatory Tech - Sr.
Date: 8/26/2019

SURVEYOR CERTIFICATION

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.

Surveyed By: Neale Edwards
Date of Survey: 12/28/1998
Certificate Number: 6857



HILCORP ENERGY COMPANY
MADDOX COM 1B
FRUITLAND COAL RECOMPLETION SUNDRY

API #: 3004529856

JOB PROCEDURES

- NMOCD **Contact** OCD 24 hrs prior to MIRU. Record and document all casing pressures daily, including BH, IC (if present) and PC. Comply with all NMOCD, BLM, 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 5,038'.
3. PU a 4-1/2" cast iron bridge plug and RIH with work string; set CIBP at +/- 3,270' to isolate the existing Mesa Verde formation.
4. Load wellbore with fluid. RU pressure test truck. Perform a Mechanical Integrity Test on wellbore. Chart record the MIT test (Notify NMOCD +24hr before actual test). Review and submit the MIT test results to the NMOCD. If the MIT fails, discuss with both the NMOCD on a plan of action to remediate the wellbore. Perform 2nd MIT once remediated.
5. 4-1/2" TOC at liner top per CBL run 10/22/1999, proposed perms from 2,002'-2,552'. Cement to surface on 7" intermediate casing string. No squeeze work necessary.
6. PU a 7" cast iron bridge plug and RIH with work string; set CIBP at +/- 2,600' to isolate the liner top and provide a base for the frac.
7. Top off the casing with fluid and pressure test the casing to at least frac pressure, but not more than 80% of casing yield strength.

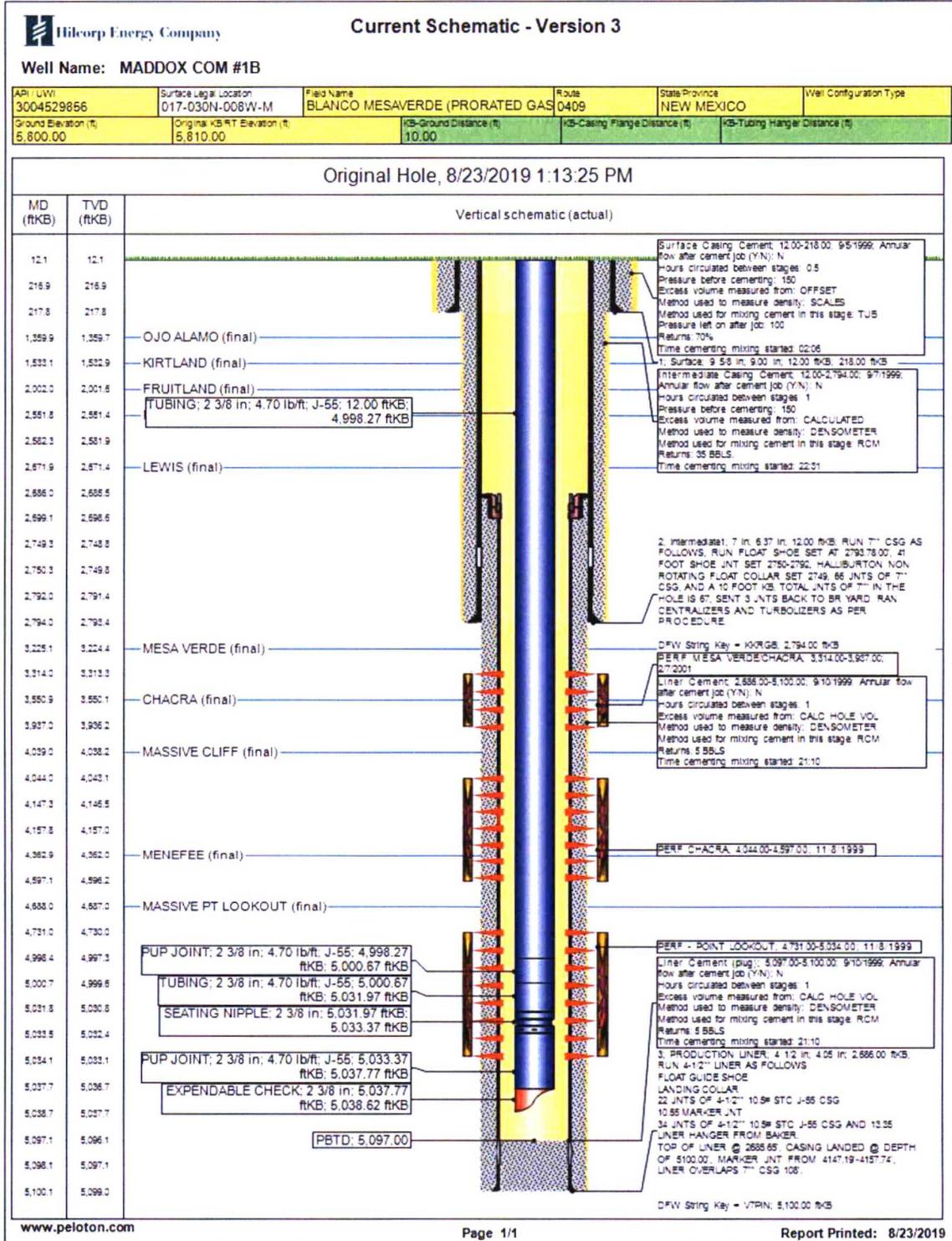
Weakest casing is 7" J-55 20#/ft. Maximum test pressure = $0.8 \times 3740 \text{ psi} = 2,992 \text{ psig}$.
8. N/D BOP, N/U frac stack and test frac stack to frac pressure. RDMO service rig.
9. RU E-line crew. Perforate the **Fruitland Coal**. (Top perforation @ 2,002', Bottom perforation @ 2,552').
10. RU stimulation crew. Frac the **Fruitland Coal** in one or two stages. (Top perforation @ 2,002', Bottom perforation @ 2,552').
11. RIH and set a final 7" plug at +/- 1955' to isolate the frac.
12. MIRU service rig. Nipple down frac stack, nipple up BOP and test.
13. Clean out to the top of the first isolation plug at +/- 1955'. Drill out the plug.
14. Clean out to the top of the second isolation plug at +/- 2,600'. When water and sand rates are acceptable, drill out the plug.
15. Clean out the wellbore to top of MV isolation plug at 3,270'. When water and sand rates are acceptable, drill out the plug.
16. Clean out to PBTD at 5,097'. TOOH and lay down milling and cleanout assembly.
17. TIH and land 2-3/8" production tubing. Get a commingled **Fruitland/Mesa Verde** flow rate.

All formation tops have been reviewed by Hilcorp Energy for the Maddox Com 1B. The proposed formation tops agree with those shown on the NMOCD website.



**HILCORP ENERGY COMPANY
MADDOX COM 1B
FRUITLAND COAL RECOMPLETION SUNDRY**

MADDOX COM 1B - CURRENT WELLBORE SCHEMATIC



Hilcorp Energy
Interim Reclamation Plan
Maddox Com #1B
API: 30-045-29856
M – Sec.17-T030N-R008W
Lat: 36.80588, Long: -107.70473
Footage: 915' FSL & 660' FWL
San Juan County, NM

1. PRE- INTERIM RECLAMATION SITE INSPECTION

1.1) A pre-interim reclamation site inspection was completed by Bob Switzer with the BLM and Chad Perkins construction Foreman for Hilcorp Energy on August 23, 2019.

2. LOCATION INTERIM RECLAMATION PROCEDURE

- 2.1) Interim reclamation work will be completed after well recompletion in the fall of 2019 or spring of 2020.
- 2.2) Location tear drop will be re-defined as applicable during interim reclamation.
- 2.3) All disturbed areas will be seeded, any disturbed areas that are compacted will be ripped before seeding.
- 2.4) All trash and debris will be removed within 50' buffer outside of the location disturbance during reclamation.

3. ACCESS ROAD RECLAMATION PROCEDURE:

3.1) No lease access road issues were identified at the time of onsite.

4. SEEDING PROCEDURE

- 4.1) A Pinion/Juniper seed mix will be used for all reclaimed and disturbed areas of the location.
- 4.2) Drill seeding will be done where applicable and all other disturbed areas will be broadcast seeded and harrowed, broadcast seeding will be applied at a double the rate of seed.
- 4.3) Timing of the seeding will take place when the ground is not frozen or saturated.

5. WEED MANAGEMENT

5.1) No action is required at this time for weed management, no noxious weeds were identified during the onsite.

