

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. 30-045-30359
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Farmington A
8. Well Number 100
9. OGRID Number 372171
10. Pool name or Wildcat Basin Fruitland Coal
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5362' GR

**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  Gas Well  Other

2. Name of Operator  
HILCORP ENERGY COMPANY

3. Address of Operator  
382 Road 3100, Aztec, NM 87410

4. Well Location  
 Unit Letter P 660 feet from the South line and 705 feet from the East line  
 Section 01 Township 29N Range 13W NMPM County San Juan

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:

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 P&A the subject well per the attached procedures, current and proposed wellbore schematics. A closed loop system will be used.

NMOCD

JAN 09 2019

DISTRICT III

Notify NMOCD 24 hrs  
 prior to beginning  
 operations

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 Amanda Walker TITLE Operations / Regulatory Technician Sr. DATE 1/7/2019

Type or print name Amanda Walker E-mail address: mwalker@hilcorp.com PHONE: 505-324.5122

**For State Use Only**  
 APPROVED BY: Bob Roll TITLE Deputy Oil & Gas Inspector, District #3 DATE 1/17/19

Conditions of Approval (if any):

A

## PLUG AND ABANDONMENT PROCEDURE

January 2, 2019

### Farmington A 100

Basin Fruitland Coal

660' FSL & 705' FEL, Section 1, T29N, R13W, San Juan County, New Mexico

API 30-045-30359/ Long \_\_\_\_\_ / \_\_\_\_\_

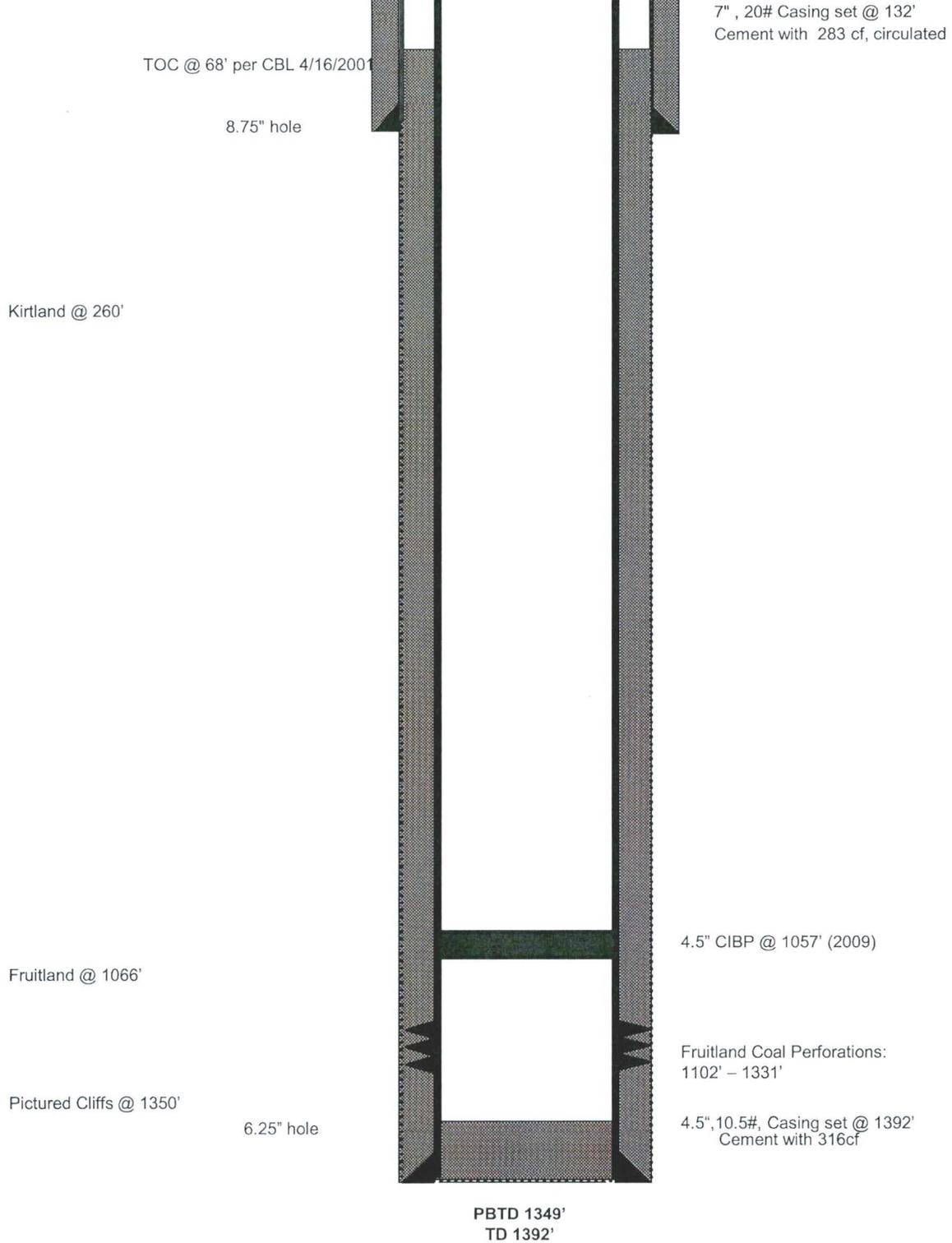
Note: The procedure is revised based on approved P&A sundry. All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be Class G, mixed at 15.8 ppg with a 1.15 cf/sx yield.

1. This project will use an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
2. Install and test location rig anchors. Comply with all NMOCD, BLM, and Operator safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. Record casing, tubing and bradenhead pressures. NU relief line and blow down well. Kill well with water as necessary and at least pump tubing capacity of water down the tubing. ND wellhead and NU BOP. Function test BOP.
3. Rods: Yes\_\_\_\_, No X, Unknown\_\_\_\_.  
Tubing: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Size\_\_\_\_, Length\_\_\_\_.  
Packer: Yes\_\_\_\_, No X, Unknown\_\_\_\_, Type\_\_\_\_\_.
4. **Plug #1 (Pictured Cliffs top and Fruitland interval, 1057' - 957):** Tag existing 4.5" CR at 1057'. Pressure test tubing to 1000#. Attempt to pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as necessary. Mix and pump 12 sxs Class G cement and spot a balanced plug inside casing to isolate the Pictured Cliffs top and Fruitland interval. PUH.
5. **Plug #2 (Kirtland top and 7" Surface casing shoe, 320' - 82):** Mix and pump 25 sxs Class G cement (Note: Do not use excess) from 320' to 82'; reverse circulate casing clean. TOH.
6. **Plug #3 (7" Surface casing shoe and Surface, 50' - Surface):** Perforate 4 squeeze holes at 50'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 20 sxs Class G cement and pump down the 4.5" casing to circulate good cement out bradenhead. Shut in well and WOC.
7. ND cementing valves and cut off wellhead. Fill annuli with cement as necessary. Install P&A marker to comply with regulations. Record GPS coordinate for P&A marker on tower report. Photograph P&A marker in place. RD, MOL and cut off anchors. Restore location per BLM stipulations

**Farmington A #100**  
**Current TA WBD**  
Basin Fruitland Coal  
660' FSL & 705' FEL, Section 1, T29N, R13W  
San Juan County, NM  
API# 30-045-30359

Today's Date: 1/2/2019

Spud: 4/5/2001  
Completed: 5/23/2001  
Elevation: 5362' GL  
5374' KB



# Farmington A #100

## Proposed PA WBD

Basin Fruitland Coal  
 660' FSL & 705' FEL, Section 1, T29N, R13W  
 San Juan County, NM  
 API# 30-045-30359

Today's Date: 1/2/2019

Spud: 4/5/2001  
 Completed: 5/23/2001  
 Elevation: 5362' GL  
 5374' KB

TOC @ 68' per CBL 4/16/2001

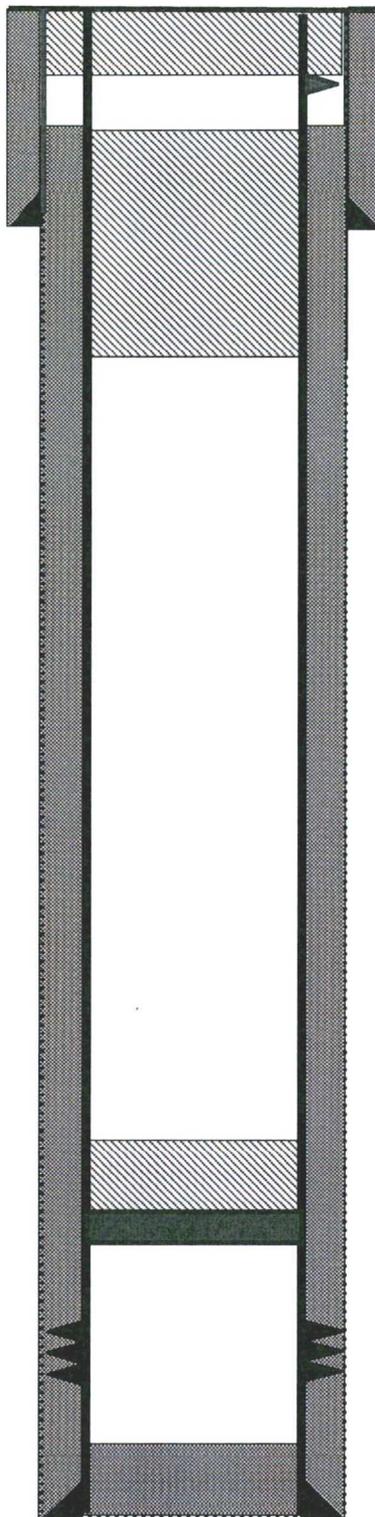
8.75" hole

Kirtland @ 260'

Fruitland @ 1066'

Pictured Cliffs @ 1350'

6.25" hole



**Plug #3: 50' – 0'**  
 Class G cement, 20 sxs:

Perforate @ 50'

7" , 20# Casing set @ 132'  
 Cement with 283 cf, circulated

**Plug #2: 320' – 82'**  
 Class G cement, 19 sxs  
 NOTE: Do not use  
 excess due to close  
 proximity to surface plug.

**Plug #1: 1057' - 957'**  
 Class G cement, 12 sxs

4.5" CIBP @ 1057' (2009)

Fruitland Coal Perforations:  
 1102' – 1331'

4.5", 10.5#, Casing set @ 1392'  
 Cement with 316cf

PBTD 1349'  
 TD 1392'