

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-045-29118
5. Indicate Type of Lease STATE [ ] FEE [X]
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Riggs
8. Well Number 2
9. OGRID Number 131994
10. Pool name or Wildcat Blanco Fruitland Coal
4. Well Location Unit Letter N : 1175 feet from the S line and 1640 feet from the W line
Section 4 Township 29N Range 12W NMPM County San Juan
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5732' GL

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:
PERFORM REMEDIAL WORK [ ] PLUG AND ABANDON [X]
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.

This well is at the end of its productive life. Four Stars Oil & Gas submits the following PA procedure:

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 B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. 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.

Please see attached information for completion of PA procedure. WBD are attached as well.

Notify NMOCD 24 hrs prior to beginning operations

OIL CONS. DIV DIST. 3

Spud Date: 6/28/1994

Rig Release Date:

MAR 17 2017

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

SIGNATURE April E Pohl TITLE Permitting Specialist DATE 3/16/2017

Type or print name April E Pohl E-mail address: April.Pohl@chevron.com PHONE: 505-333-1941

For State Use Only

APPROVED BY: [Signature] TITLE I & E Supervisor DATE 3/31/17
Conditions of Approval (if any): AV

## PLUG AND ABANDONMENT PROCEDURE

### Riggs #2

Basin Fruitland Coal

1175' FSL and 1640' FWL, Section 4N, T29N, R12W

San Juan County, New Mexico / API 30-045-29118

Lat: N 36.751893 / Lat: W 108.107209

2. Rods: Yes , No , Unknown .
- Tubing: Yes , No , Unknown , Size 2-7/8", Length 1765'.
- Packer: Yes , No , Unknown , Type .

If this well has rods or a packer, then modify the work sequence in step #2 as appropriate.

#### NOTE: Casing Patch at 31'

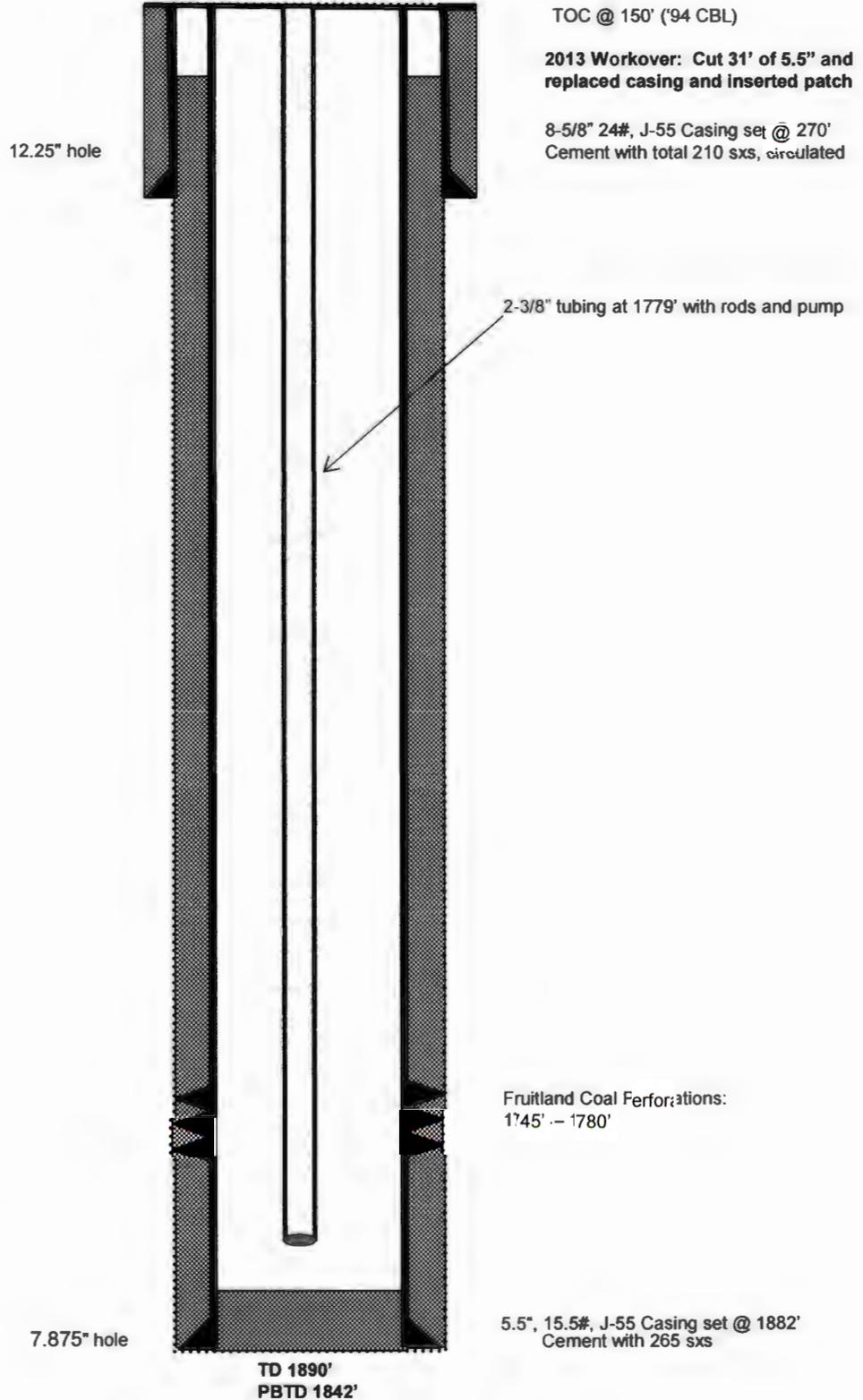
3. **Plug #1 (Pictured Cliffs zone, Fruitland perforations and top, 1695' – 1494')**: Round trip gauge ring or casing scraper to 1695', or as deep as possible. RIH and set 5.5" cement retainer at 1695'. Pressure test tubing to 1000 PSI. Load casing with water and circulate well clean. Pressure test casing to 800#. If casing does not test then spot or tag subsequent plugs as appropriate. Mix 29 sxs Class B cement inside casing from 1695' to isolate the PC top and Fruitland interval. PUH.
4. **Plug #2 (Kirtland, 8.625" casing shoe, Ojo Alamo top, 580 – 220')**: Mix and pump 47 sxs Class B cement inside casing from 580' to cover the Kirtland, Ojo Alamo and 8-5/8" casing shoe. TOH and LD tubing.
5. **Plug #3 (Surface, 100' - Surface)**: Perforate squeeze holes at 100'. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 30 sxs Class B cement and pump down the 5.5" casing to circulate good cement out bradenhead. Shut in well and WOC
6. 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

# Riggs #2 Current

Basin Fruitland Coal

1175' FSL, 1640' FWL, Section 4N, T-29-N, R-12-W  
San Juan County, NM, API #30-045-29118

Today's Date: 1/20/17  
Spud: 6/28/94  
Completed: 6/30/94  
Elevation: 5732' GL  
5747' KB



**Riggs #2**  
**Proposed P&A**  
Basin Fruitland Coal

1175' FSL, 1640' FWL, Section 4N, T-29-N, R-12-W  
San Juan County, NM, API #30-045-29118

Today's Date: 1/20/17  
Spud: 6/28/94  
Completed: 6/30/94  
Elevation: 5732' GL  
5747' KB

Plug #3: 100' - 0'  
Class B cement, 30 sxs

Perforate @ 100'  
2013 Workover: Cut 31' of 5.5" and  
replaced casing and inserted patch  
TOC @ 150' ('94 CBL)

8-5/8" 24#, J-55 Casing set @ 270'  
Cement with total 210 sxs, circulated

Plug #2: 580' - 220'  
Class B cement, 47 sxs

12.25" hole

Ojo Alamo @ 410'

Kirtland @ 530'

Plug #1: 1695' - 1494'  
Class B cement, 29 sxs

Fruitland @ 1544'

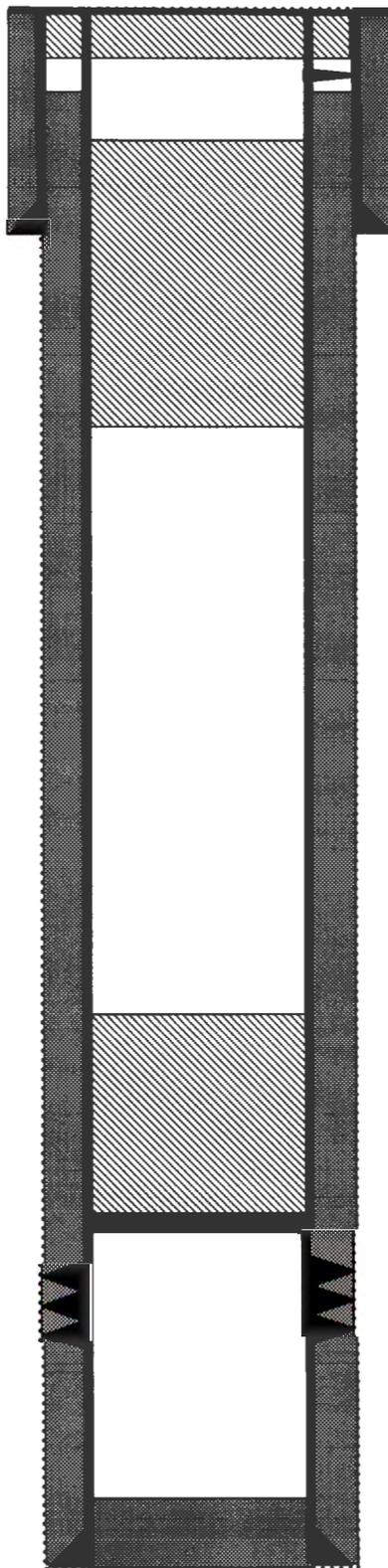
Set cement retainer @ 1695'

Fruitland Coal Perforations:  
1745' - 1780'

Pictured Cliffs @ 1794'

5.5", 15.5#, J-55 Casing set @ 1882'  
Cement with 265 sxs

7.875" hole



TD 1890'  
PBSD 1842'