

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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. 30-039-05258
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator DJR Operating, LLC		6. State Oil & Gas Lease No. L-1330
3. Address of Operator 1 Road 3263, Aztec, NM 87410		7. Lease Name or Unit Agreement Name HB Browning
4. Well Location Unit Letter <u>C</u> : <u>990</u> feet from the <u>North</u> line and <u>1650</u> feet from the <u>West</u> line Section <u>33</u> Township <u>24N</u> Range <u>01W</u> NMPM Rio Arriba County		8. Well Number 1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 7347"GR		9. OGRID Number 371838
		10. Pool name or Wildcat Blanco P.C. South

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input checked="" type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>		<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> P AND A <input checked="" type="checkbox"/> CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
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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.

DJR Operating, LLC requests approval to Plug and Abandon this well according to the attached procedure and well bore diagram.

*COA: Plug #1: 3008' - 2665' Ojo Alamo top @ 2715'*  
*Plug #2: 1475' - 1375' Nacimiento top @ 1425'* **NMOC**

SEP 27 2015

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  TITLE Manager of Government and Regulatory Affairs DATE \_\_\_\_\_

Type or print name Dave Brown E-mail address: DBrown@djrllc.com PHONE: 632-3476

**For State Use Only**

APPROVED BY:  TITLE Compliance Officer DATE 10-18-19  
 Conditions of Approval (if any):

# **DJR Operating LLC**

## **Plug And Abandonment Procedure**

### **HB Browning #001**

990' FNL & 1650' FWL, Section 33, T24N, R1W

Rio Arriba County, NM / API 30-039-05258

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM safety and environmental regulations. Test rig anchors prior to moving in rig if not rigged to base beam.
2. Check casing, tubing, and bradenhead pressures.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing pressure. Kill well as necessary. Ensure well is dead or on a vacuum.
4. ND wellhead and NU BOP. Function test BOP.
5. P/U 4-1/2" bit or casing scraper on 2-3/8" workstring and round trip as deep as possible above top perforation at 3058'.
6. P/U 4-1/2" CR, TIH and set CR at +/- 3008'. Pressure test tubing to 1000 psi. Sting out of CR. Load hole, and pressure test casing to 800 psi. If casing does not test, then spot or tag subsequent plugs as appropriate. POOH w/ tubing.
7. RU wireline and run CBL with 500 psi on casing from CR at 3008' to surface to identify TOC. Adjust plugs as necessary for new TOC. Email log copy to

Jack Savage (BLM) at [jwsavage@blm.gov](mailto:jwsavage@blm.gov) and Brandon Powell at [Brandon.powell@state.nm.us](mailto:Brandon.powell@state.nm.us) upon completions of logging operations.

8. Rig up to pump cement down tubing. Pump water to establish rate down tubing.

**NOTE: All Plugs Include 100% excess outside casing and 50% Excess inside casing.**

100%

9. Plug 1 (**Pictured Cliffs Perforations and Formation Top, Fruitland and Kirtland Formation Tops 3008'-2877', 12 Sacks Class G Cement**)

Mix 12 sx Class G cement and spot a balanced plug inside casing to cover Pictured Cliffs perforations and formation top, Fruitland and Kirtland formation tops.

10. Plug 2 (**Ojo Alamo and Nacimiento Formation Tops 2000'-1500', 120 Sacks(Squeeze 80 sacks) Class G Cement**)

RIH and perforate squeeze holes at 2050'. Establish injection rate into squeeze holes. RIH with 4-1/2" CR and set at 2000'. Mix 120 sx Class G cement. Squeeze 80 sx outside casing leaving 40 sx inside casing to cover the Ojo Alamo and Nacimiento formation tops.

11. Plug 3 (**Surface Shoe and Surface 359'-surface, 115 Sacks Class G Cement**)

Attempt to pressure test the Bradenhead annulus to 300 psi; note the volume to load. If BH annulus holds pressure, then establish circulation out casing valve with water. Mix approximately 115 sx cement and spot a balanced plug from 359' to surface, circulate good cement out of casing valve. TOH and LD tubing. Shut well in and WOC. If BH annulus does not test, then perforate at the appropriate depth and attempt to circulate cement to surface filling the casing from 359' and the annulus from the squeeze holes to surface. Shut in well and WOC.

12. 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 restore location per BLM stipulations.

# Wellbore Diagram

HB Browning #001  
API #: 3003905258  
Rio Arriba County, New Mexico

## Plug 3

359 feet - Surface  
359 feet plug  
115 sacks of Class G Cement

## Plug 2

2000 feet - 1500  
500 feet plug  
120 sacks of Class G Cement  
80 sacks squeezed

## Plug 1

3008 feet - 2877  
131 feet plug  
12 sacks of Class G Cement

## Surface Casing

8.625" 24# @ 299 ft

## Formation

Fruitland - 2977 ft  
Pictured Cliffs - 3054 ft

Retainer @ 3008 feet

## Production Casing

4.5" 9.7# @ 3230 ft

