

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. 30-045-32491
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 Barnes LS
8. Well Number 7M
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota, Blanco-Mesaverde

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/>	
2. Name of Operator BP America Production Company	
3. Address of Operator 737 North Eldridge Parkway, 12.181A Houston, TX 77079	
4. Well Location Unit Letter <u>E</u> : <u>2445</u> feet from the <u>North</u> line and <u>830</u> feet from the <u>West</u> line Section <u>23</u> Township <u>32N</u> Range <u>11W</u> NMPM County <u>San Juan</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6324'	

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

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

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.

**BP requests to plug back the Dakota formation and produce solely from the Blanco-Mesaverde in the subject well.**

Notify NMOCD 24 hrs  
prior to beginning  
operations

Please see the attached procedure.

\* The CIBP @ 6473' will need to be removed prior to plugging operations.

Spud Date:

07/02/2005

Rig Release Date:

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

SIGNATURE

*Toya Colvin*

TITLE Regulatory Analyst

DATE 2/02/2017

Type or print name Toya Colvin

E-mail address: Toya.Colvin@bp.com

PHONE: 281-892-5369

For State Use Only

Deputy Oil & Gas Inspector,  
District #3

APPROVED BY:

*Brandon Roll*

TITLE

DATE 2/13/17

Conditions of Approval (if any):

*Ar*

## **Barnes LS 007M**

API # 30-045-32491-00

Location: E SEC. 23, T32N, R11W

San Juan County, New Mexico

### **Reason for Job**

In compliance with action directed by the NMOCD in November 2016, it is proposed to isolate the Dakota and Mancos formations and return the Mesa Verde to production per the below procedure.

### **Basic Job Procedure**

This procedure may be modified based on the results of the CBL. All cement volumes include 50' excess inside pipe and 100% excess behind pipe. 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/sk yield.

1. Fish/Remove RBP from 3526'
2. Run CBL from CIBP (at 6473') to 5473'
3. Mix and spot 12 sx Class B cement from 6473' to 6373' to isolate the Dakota
4. Pull up, mix 12 sx Class B cement, and spot a balanced plug from 5722' to 5622' to cover the Mancos top
5. Run tubing
6. Return well to production as a Mesa Verde well

## Current WBD



**Barnes LS 007M**  
 MV/DK  
 API #: 300453249100  
 Unit E - Sec. 23 - T32N - R11W  
 San Juan, NM

### Formation Tops

Ojo Alamo	1484
Kirtland	1597
Fruitland	2668
Pictured Cliffs	3041
Lewis	3234
Chacra	4200
Cliff House	4584
Menefee	4976
Point Lookout	5311
Mancos	5672
Greenhorn	7360
Graneros	7411
Two Wells	7483
Paguate	7551
Cubero	7581
Encinal Canyon	7671

### Deviation

Depth	Inclination
520	0.75
1020	0.75
1523	1.00
2027	1.25
2712	1.00
3366	1.25

### Mesa Verde Perforations

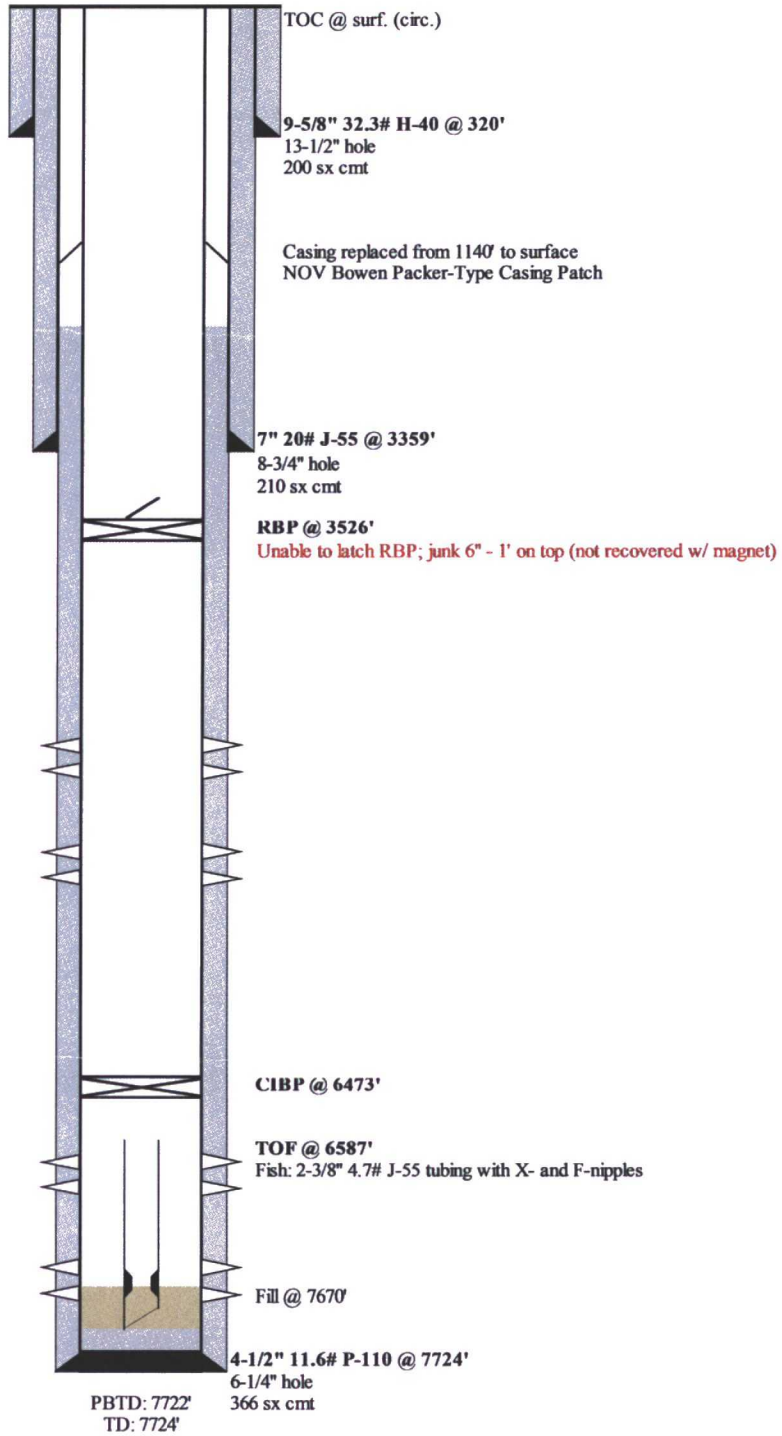
5005' - 5225'      4 jspf  
 Frac'd w/ 11k# 40/70, 144k# 16/30, 70Q foam

5285' - 5358'      3 jspf  
 5369' - 5472'      4 jspf  
 Frac'd w/ 8k# 40/70, 140k# 16/30, 70Q foam

### Dakota Perforations

7573' - 7486'      3 jspf  
 7709' - 7585'      4 jspf  
 Frac'd w/ 96k# carbolite & 65Q foam (SO)

GL: 6324'  
 KB: 12'





## Proposed WBD



**Barnes LS 007M**  
 MV/DK  
 API #: 300453249100  
 Unit E - Sec. 23 - T32N - R11W  
 San Juan, NM

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