

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

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

WELL API NO.
 30-045-32491

5. Indicate Type of Lease
 STATE FEE

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 Gas Well Other

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 E : 2445 feet from the North line and 830 feet from the West line
 Section 23 Township 32N Range 11W NMPM County San Juan

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
 6324'

OIL CONS. DIV DIST. 3

NOV 10 2016

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 checked="" 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>Casing Repair</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.

During workover operations to install a gas lift on the subject well, BP performed an unsuccessful pressure test 10/24/2016 and notified NMOCD with results.

On 11/01/2016 we submitted the attached procedure & WBD to fix the casing on the subject well to Brandon Powell with the NMOCD.

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 Toya Colvin TITLE Regulatory Analyst DATE 11/07/2016

Type or print name Toya Colvin E-mail address: Toya.Colvin@bp.com PHONE: 281-892-5369

For State Use Only
 APPROVED BY: See report Dated 11/7/16 for well to be P/A'd TITLE _____ DATE _____
 Conditions of Approval (if any): AV

Accepted For Record ^{of}

BARNES LS 7M

API # 30-045-32491

Location: Unit E - Sec 23 - T32N – R11W

San Juan County, New Mexico

Reason/Background for Job

After encountering some difficulty in removing the packer from the wellbore, we discovered that the 4-1/2" production casing was parted (or at least separated from the slips) at surface while running a CIBP to set at 6473' KB (above the tubing fish). We then set a retrievable bridge plug at 3526' KB and found a secondary part in the 4-1/2" casing at 1140'. We pulled the 4-1/2" casing to this depth— at that point, we considered installing a liner packer and using the upper portion of the 7" intermediate casing as production casing. Instead, however, we opted to run 4-1/2" casing from the part all the way back to surface, leaving the wellbore above the RBP unchanged from its original configuration.

Basic job procedure

- **RUN 4-1/2" CASING TO THE PART AT ~1140'**
- **TEST THE 4-1/2" CASING AGAINST THE RBP TO 1000 PSI – NOTE RESULTS OF TEST TO NMOCD**
- **PULL THE RBP**
- **RIH WITH PACKER AND TEST FROM BELOW MESA VERDE PERFORATIONS (~5500') TO THE CIBP AT 6473' – NOTE RESULTS OF TEST TO NMOCD**
- **PULL THE PACKER**
- **RUN PRODUCTION TUBING**
- **RIG DOWN AND RESUME PRODUCTION AS A MESA VERDE WELL**



GL: 6324'
KB: 12'

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

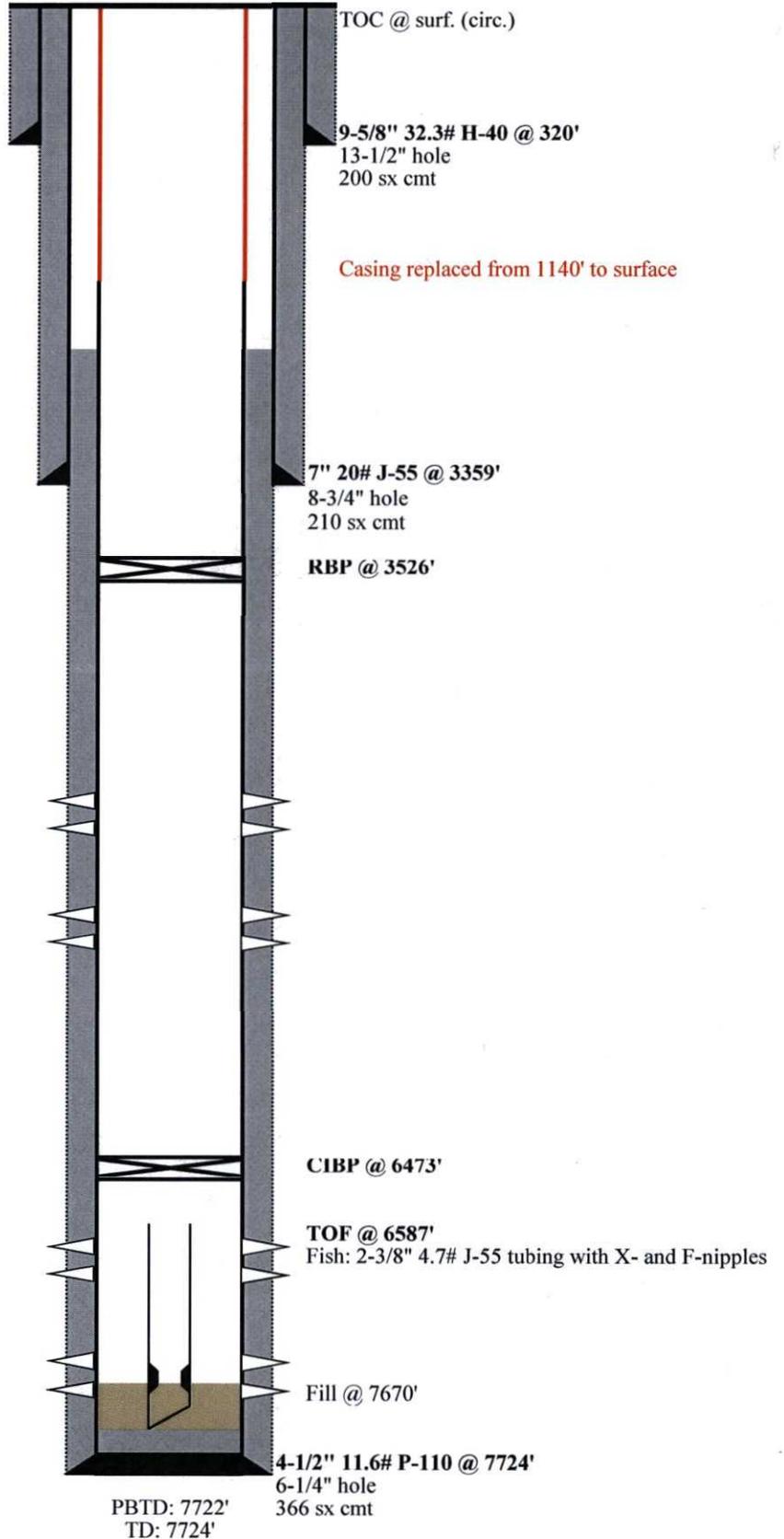
Mesa Verde Perforations

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)



History