

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

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

WELL API NO.

30-045-07331

5. Indicate Type of Lease  
STATE FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:

Riddle F LS

(Also filed on BLM Form 3160-5 Federal Lease  
SF - 080112)

1. Type of Well:

Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

BP America Production Company

Attn: Mary Corley

3. Address of Operator

P.O. Box 3092 Houston, TX 77253

4. Well Location

Unit Letter A 1150 feet from the North line and 1131 feet from the East line

Section 20 Township 28N Range 08W NMPM San Juan County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)

5986' GR

11. 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 COMPLETION ☐

OTHER: Downhole Commingle ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company request permission to convert the subject well from a dual string completion to a single string completion, add pay in the Mesaverde and commingle production downhole from the Blanco Pictured Cliffs & Blanco Mesaverde Pools as per the attached procedure.

The Blanco Pictured Cliffs (72359) & the Blanco Mesaverde (72319) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363.

The working, overriding, and royalty interest owners in the proposed commingled pools are identical; therefore, no notification of this application need be submitted via certified mail.

Production is proposed to be allocated based on actual production from both the Pictured Cliffs and Mesaverde Pools as reflected on the attached allocation chart.

Commingling Production Downhole in the subject well from the proposed Pools with not reduce the value of the total remaining production.

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

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 04/22/2003

Type or print name Mary Corley

Telephone No. 281-366-4491

(This space for State use)

APPROVED BY [Signature]

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #2

DATE 23 2003

Conditions of approval, if any:

## **Riddle F LS 003 MV/PC**

**T28N R8W-Sec20**

**API#: 30-045-07331**

1. Check anchors. MIRU workover rig.
2. Blow down well. Kill with 2% KCL water ONLY if necessary. ND WH and NU BOP's.
3. Tag for fill and TOH with 1-1/4" short string set at 2444'. LD production tbg.
4. TOH with 2-3/8" long string set at 4407'.
5. Mill 7" production packer set at 2617'.
6. Clean out to PBTD.
7. RIH and set CIBP at 4590'.
8. RIH w/ GR log.
9. RIH with 3-1/8" casing guns 1 SPF 120 deg phasing with Schlumberger's Prospector, select-fire charge. Perforate Menefee (correlate to GR log).
10. RIH with frac string and set packer at 4150'.
11. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.
12. Frac Menefee according to pump schedule.
13. Flowback frac fluid immediately.
14. POH with frac string.
15. RIH with work string and bit. Drill out CIBP set at 4590. Continue clean out hole to PBTD at 4770'. Blow well dry with air package at PBTD. POH with work string.
16. Rabbit tubing and RIH with 2-3/8" production tubing (with X-nipple and plug on bottom). Replace any joints that fail the pressure test.
17. Land 2-3/8" production tubing at 4590'.
18. Swab water from tubing with the sandline.
19. RU slickline unit. Run gauge ring for 2-3/8" tubing. Pull plug. RD slickline unit.
20. ND BOP's. NU WH. Test well for air. Return well to production.

Allocation Based on Year 2002 Production				
Pool	Oil	%	Gas	%
Pictured Cliffs	0	0%	12728	23%
Mesaverde	75	100%	43198	77%

# Riddle F LS 003 PC/MV

API# 3004507331

Sec 20, T28N, R8W

GL: 5986'

## History:

- Drilled & completed in 1957

## PC Perforation

2362' - 2444', 40 klbs sand

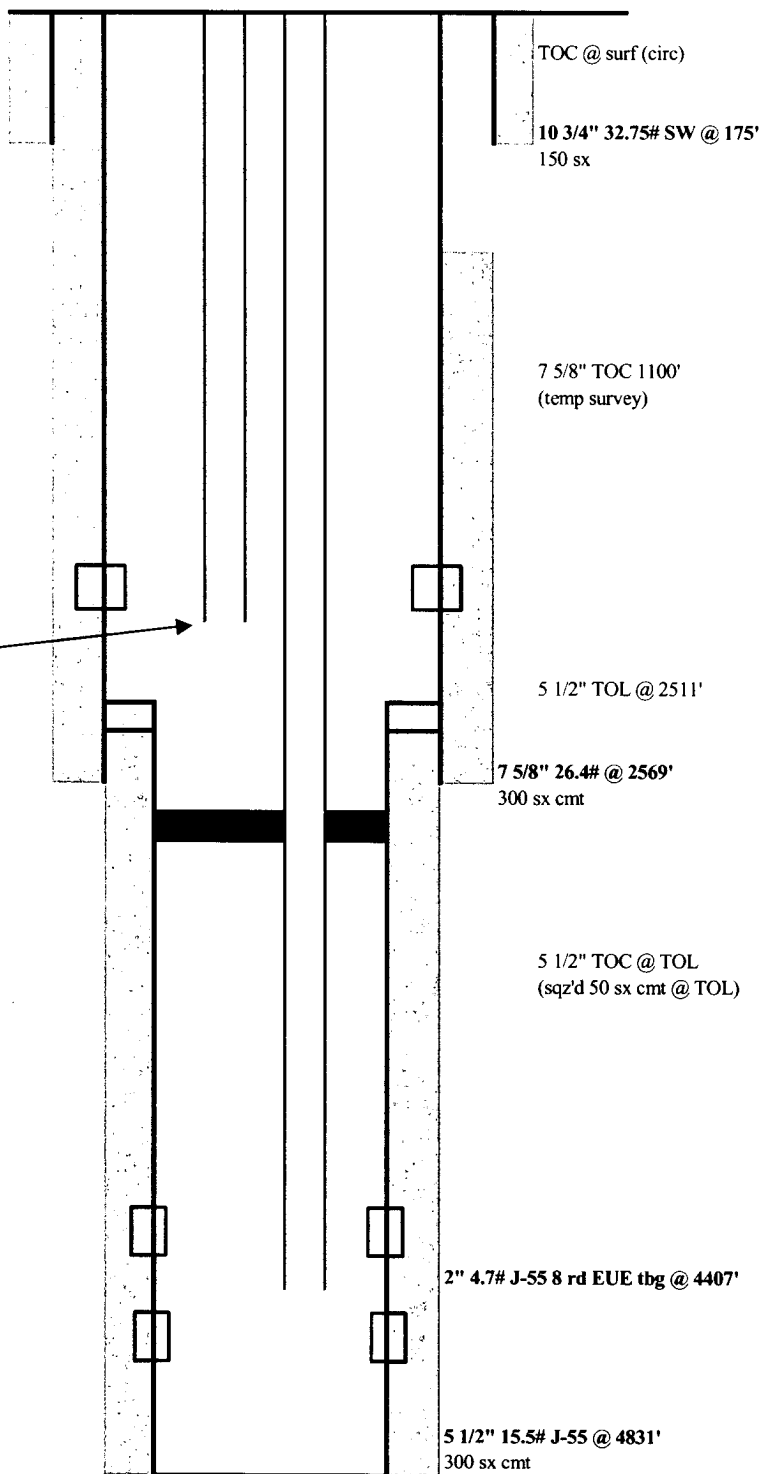
1 1/4" 2.3#, Grade B tubing @ 2444'

Baker "EGJ" Paker @ 2617'

## Mesaverde perforations:

4076' - 4108', frac'd w/ 60 klbs sand

4620' - 4740', frac'd w/ 50 klbs sand



PBTD: 4770'

TD: 4840'

updated: 01/07/03 az