

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

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

Form C-103  
Revised March 25, 1999

WELL API NO. <b>30-045-09123</b>
5. Indicate Type of Lease STATE FEE
6. State Oil & Gas Lease No.

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

7. Lease Name or Unit Agreement Name:  
**Ludwick LS**  
(Also filed on BLM Form 3160-5 Federal Lease SE-078194)

2. Name of Operator  
**BP America Production Company** Attn: **Mary Corley**

8. Well No.  
**9**

3. Address of Operator  
**P.O. Box 3092 Houston, TX 77253**

9. Pool name or Wildcat  
**Blanco Mesaverde/Blanco Pictured Cliffs**

4. Well Location  
Unit Letter **M** **1090** feet from the **North** line and **939** feet from the **West** line  
Section **29** Township **30N** Range **10W** NMPM **San Juan** County

10. Elevation (Show whether DR, RKB, RT, GR, etc.)  
**6056' GR**

11. 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 type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <b>Downhole Commingle</b> <input checked="" type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>

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.

**Aztec Pictured Cliffs (72319) & 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. #3** DATE **APR 28 2003**  
Conditions of approval, if any:

**Ludwick LS 009**  
**Sec 29, T30N, R10W**  
**API# 3004509123**

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. TOH with 2-3/8" string set at 4884'.
4. Mill 7" Baker mode 'D' production packer set at 2567'.
5. Clean out to PBTD at 5010.
6. RIH and set CIBP at 4860'.
7. RIH w/ GR log.
8. 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).
9. RU frac equipment. Use 2% KCL-N2 foam in fracture stimulation.
10. Frac Menefee down casing according to pump schedule.
11. Flowback frac fluid immediately.
12. POH with frac string.
13. RIH with work string and bit. Drill out CIBP set at 4860. Continue clean out hole to PBTD at 5010'. Blow well dry with air package at PBTD. POH with work string.
14. 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.
15. Land 2-3/8" production tubing at 4900'.
16. Swab water from tubing with the sandline.
17. RU slickline unit. Run gauge ring for 2-3/8" tubing. Pull plug. RD slickline unit.
18. 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%	9238	49
Mesaverde	0	0%	9547	51

# Ludwick LS 9

API# 3004509123

Sec 29, T30N, R10W

GL: 6066'

## History:

- Drilled & completed MV in 1956

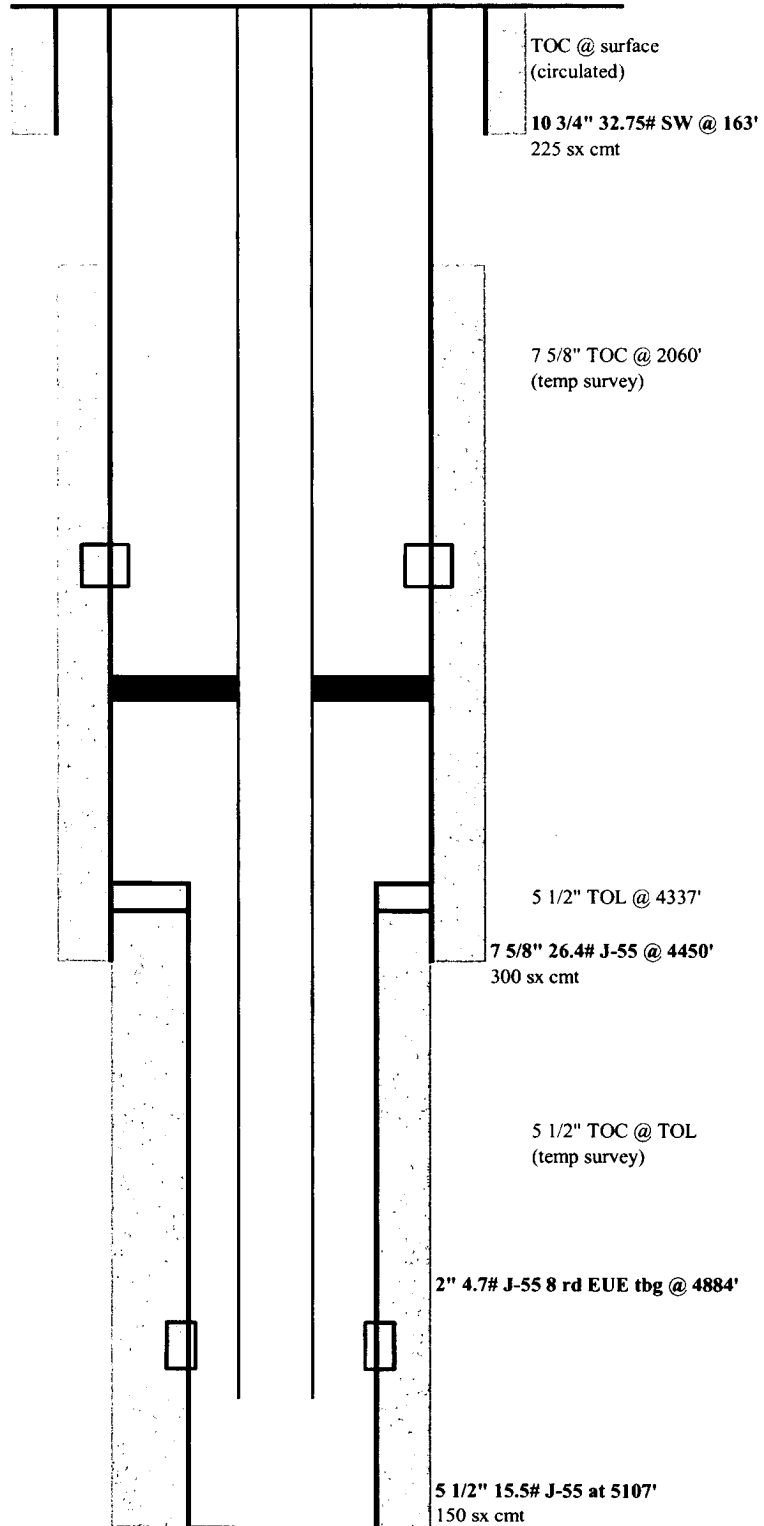
## PC Perforation

2482' - 2509', 60 klbs sand

Baker model D packer @ 2567'

## Mesaverde perforations:

4813' - 4930', frac'd w/ 96 klbs sand



PBTD: 5010'

TD: 5107'

updated: 10/15/02 az