

Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., 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
May 27, 2004

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

WELL API NO. 30-045-08963
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 Likins Gas Com A
8. Well Number 2
9. OGRID Number 000778
10. Pool name or Wildcat Basin Fruitland Coal
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 5877' GR
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type Workover Depth to Groundwater >100' Distance from nearest fresh water well >1000' Distance from nearest surface water >1000'
Pit Liner Thickness: 12 mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

12. 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 COMPL ☐

OTHER: **T&A PC & Recomplete into FC**

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

BP America Production Company request permission to temporarily abandon the Pictured Cliffs Pool and recomplete the subject well into the Basin Fruitland Coal Pool as per the attached procedure.

Construct a lined workover pit per BP America – San Juan Basin Drilling/ Workover Pit Construction Plan issued date of 11/17/2004. Pit will be closed according to closure plan on file.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 01/10/2005
Type or print name Mary Corley E-mail address: corleyvml@bp.com Telephone No. 281-366-4491
For State Use Only
APPROVED BY: Charles TITLE SUPERVISOR DISTRICT # 3 DATE MAR 14 2005
Conditions of Approval (if any):

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
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised August 15, 2000

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-08963	² Pool Code 71629	³ Pool Name Basin Fruitland Coal
⁴ Property Code 000795	⁵ Property Name Likins Gas Com A	⁶ Well Number 2
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 5877' GR

¹⁰ Surface Location

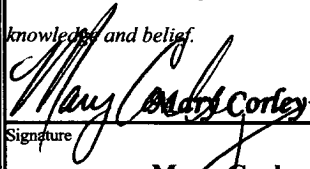
UL or lot no. J	Section 34	Township 30N	Range 09W	Lot Idn	Feet from 1400	North/South North	Feet from 1720	East/West East	County San Juan
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from	North/South	Feet	East/West	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A
NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

										¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Mary Corley Printed Name Sr. Regulatory Analyst Title 3/9/2005 Date
										¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. On File Date of Survey Signature and Seal of Professional Surveyor: Certificate Number

Likins Gas Com A 2
Temporarily Abandon Pictured Cliffs & Recomplete to Fruitland Coal
February 23, 2005

Procedure:

1. Run fluid level check to determine fluid loading and estimate the SBHP in Pictured Cliffs.
2. Pull 1 1/4" siphon string from well.
3. Set CIBP at 2397' RKB. There will be no cement plug above the CIBP because the bottom of the Fruitland Coal CAHN Zone is approximately 7-10' above the top of the Pictured Cliffs.
4. Run retrievable test packer and 500' of 2 3/8" tubing and test casing from 500' to 2397' to 2500 psi. (Anticipate fracture treatment pressure 2100 psi.). TOH and lay down test string.
5. Casing perforate the CAHN Coal Zone at 2360'-2690' using 3 1/8" gun at 4 spf.
6. Pick up 2 7/8" Buttress Fracture Treatment String and packer and run and set at 500'. Rig up tree saver and fracture treat.
7. Treat well at 55-60 BPM using 70% Q Foam and a total of 286,800# sand.
8. Flow back until dead and remove treatment string and packer.
9. Wash sand clean from well.
10. Perforate well again using 3 1/8" casing gun 2360-2390'.
11. Run 1 1/4" Siphon string into well and turn over to production
12. Install wellhead compression.

Current Completion
2/17/2005

5714 GL

bp



Likins GCA#2
Sec 34, T30N, R9W
API 30-045-08963

8/12/04 Bull Plug set in tubing

8 5/8" 22.7# @ 200'

Cement returns on 8 5/8"

Sq'd Holes in 4 1/2" Casing @ 313' 9/22/79 with
75 sx Class B + 2 % CaCl₂ + 25 sx Neat. Squeeze
2nd hole at 386 with same and tested to 750 psi.
6/18/02 Set RBP at 2350 and loaded hole with 2%
KCl water and tested casing to 560 psi.

9-9-59 Primary cement job of 4 1/2" used 600
sx Class B 6% Gel + 2# Tuff Plug/sx + 50 sx
neat. No cement returns, but did shut off
water flow and had good mud returns
throughout job. Tested casing to 3000 psi.
Volume calculation on this job for 10"
theoretical hole would place top of cement at
200'

Top IGNA Coal @ 2230'

Bottom @ 2250'

Top CTWD Coal @ 2274'

Bottom @ 2310'

Top CAHN Coal @ 2360'

Bottom @ 2392'

Tubing 1 1/4" 2.3#/ft Line Pipe at 2425'

4 1/2" 9.5#/ft J55

Pictured Cliffs 2405-2436' 9/9/59 completion. Spotted 200 gal
MCA before perforating and sand water fracture treated 24,900
gal + 40,000 # sand with breakdown pressure of 1000 psi to
500 psi. Maximum treating pressure pressure of 2025 psi with
average of 1800 psi at 43 BPM

Test after frac: 6,555 MCFD FTP 522 psi. SI 7 days SITP= 930
psi

PBTD @ 2455'