

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

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

Form C-103
March 4, 2004

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.)		WELL API NO. 30-045-27506
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator BP America Production Company		6. State Oil & Gas Lease No.
3. Address of Operator P O Box 3092 Houston, TX 77253 Attn: Mary Corley Rm 19-171		7. Lease Name or Unit Agreement Name Gartner A (Filed with BLM - Federal Lease SF-080597)
4. Well Location Unit Letter H : 1790 feet from the North line and 840 feet from the East line Section 33 Township 30N Range 08W NMPM San Juan County		8. Well Number 15
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6319' GL		9. OGRID Number 000778
Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)		
Pit Location: UL H Sect 33 Twp 30N Rng 08W Pit type Workover Depth to Groundwater >100 Distance from nearest fresh water well >1000 Distance from nearest surface water >1000' Below-grade Tank Location UL _____ Sect _____ Twp _____ Rng _____ ; +/- 1790 feet from the North line and +/-840 feet from the East line		

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 COMPLETION ☐

OTHER: **Recompletion & DHC - Pit Permit** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND 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 recomplete the subject well into the Blanco Pictured Cliffs and commingle production Downhole with the existing Basin Fruitland Coal as per the attached procedure.

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 NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 11/17/2004

Type or print name Mary Corley E-mail address: corleym1@bp.com Telephone No. 281-366-4491

(This Space for State Use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. DATE NOV 22 2004

Conditions of approval, if any:

Gartner A 15
30-045-27506
Downhole Commingling

The Basin Fruitland Coal (71629) and Blanco Pictured Cliffs (72359) Pools are Pre-Approved Pools for Downhole Commingling per NMOCD order R-11363. The working and overriding royalty interest owners in the proposed commingled pools are identical, therefore no further notification of this application is required.

Production is proposed to be allocated based on the subtraction method using the projected future decline for production from the Fruitland Coal. That production shall serve as a base for production subtracted from the total production for the commingled well. The balance of the production will be attributed to the Pictured Cliffs. Attached is the future production decline estimates for the Fruitland Coal.

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

PIT

Construct a lined workover pit per BP America – San Juan Basin Drilling/ Workover Pit Construction Plan issued date of 04/15/2004. Pit will be closed according to closure plan on file.

Gartner A 15
API #: 30-045-27506
Recomplete into Pictured Cliffs, and Downhole Commingle with Fruitland Coal
November 17, 2004

Procedure:

Procedure:

1. Check anchors. Check ID wellhead, if earth pit is required have One Call made 48 hours prior to digging.
2. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
3. RU slickline unit or wireline unit. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation.
4. MIRU workover rig.
5. Blow down well. Kill with 2% KCL water ONLY if necessary. Check all casing strings to ensure no pressure exist on any annulus.
6. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi above BHP. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
7. Pull tubing hanger and shut pipe rams and install stripping rubber.
8. TOH with 2-3/8" production tubing currently set at 2850' using approved "Under Balance Well Control Tripping Procedure".

Contingency: *If the tubing is in poor condition, replace entire tubing string.*

9. TIH with bit and scraper for 5-1/2" casing to 3230' with approved barriers. Check the distance between the top of the blind ram and the length of the bottom hole assembly that is being run. If the BHA is too long then the well has to be top killed and monitored prior to opening blind rams.
10. RIH with 3-1/8" casing guns (Lubricator required). Perforate Pictured Cliffs formation (correlate to GR log). RDWL and lubricator.

Pictured Cliffs perforations, 4 spf (15 shots/ 60 holes):

11. RIH w/ 2-7/8" frac string and 5-1/2" packer. Set packer at +/-3050'.
12. Spearhead 500 gal 15% HCL, establish injection rate, and proceed with fracture stimulation according to Schlumberger schedule. Maintain surface pressures \leq 5500 psi during frac job. Flush frac with foam. Fill out GWSI scorecard.

13. Flowback frac immediately. Flow well through the 3" line and into the choke manifold until well dies or stabilizes.
14. Release packer and TOH w/ frac string and packer. LD frac string.
15. Rig up air package/unit, pressure test all lines (Testing procedure to be supplied from air company), TIH with tubing and bit. Cleanout fill to PBTD at 3,230'. Blow well dry at PBTD. Reference Under Balanced Well Control Tripping Procedure.
16. Rabbit tubing and RIH with 2-3/8" production tubing (with muleshoe, F-nipple with plug, 4 ft pup, X-nipple with plug).
17. Land 2-3/8" production tubing with hanger, lock down hanger at +/-2,900'.
18. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Check all casing string for pressure.
19. ND BOP's. NU WH. Test well for air. Return well to production and downhole co-mingle Chacra, and Mesaverde.
20. RU WL unit. Run gauge ring for 2-3/8" tubing. Pull plugs and set tubing stop for plunger. RD slickline unit.

Gartner A 15

Sec 33, T30N, R8W

API: 30-045-27506

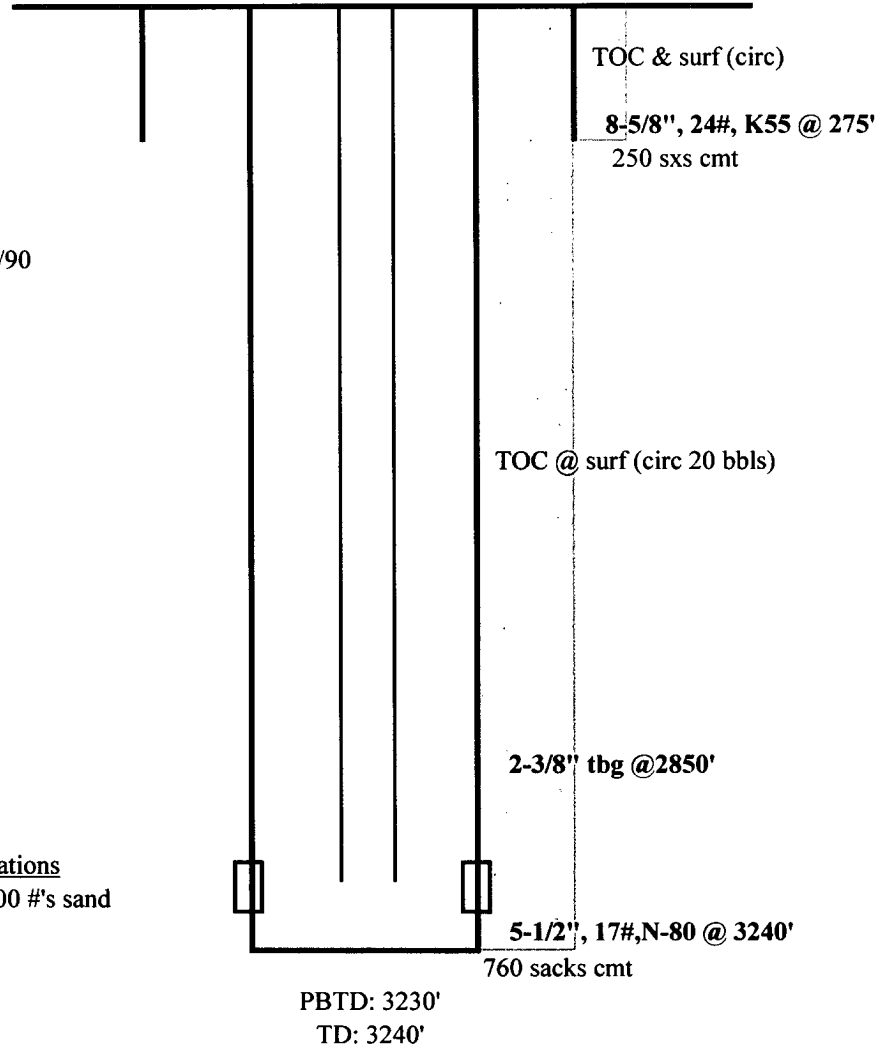
6319' GL

History:

Completed in FC in 2/90

Fruitland Coal Perforations

2888' - 3012' w/ 26,200 #'s sand



updated: 9/27/04 CFR

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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 30-045-27506	² Pool Code 72359	³ Pool Name Blanco Pictured Cliffs
⁴ Property Code 000589	⁵ Property Name Gartner A	⁶ Well Number 15
⁷ OGRID No. 000778	⁸ Operator Name BP America Production Company	⁹ Elevation 6319

¹⁰ Surface Location

UL or lot no. Unit H	Section 33	Township 30N	Range 08W	Lot Idn	Feet from 1790	North/South North	Feet from 840	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
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
	 Signature Mary Corley	
	Printed Name Sr. Regulatory Analyst	
	Title 11/08/2004 Date	
	¹⁸ SURVEYOR CERTIFICATION <i>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.</i>	
	8/11/1989 Date of Survey	
	Signature and Seal of Professional Surveyor: Gary D Vann 7016	
	Certificate Number	