

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. 30-045-24989
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	7. Lease Name or Unit Agreement Name Bolack
2. Name of Operator BP America Production Company Attn: Toya Colvin	8. Well Number 1M
3. Address of Operator P.O. Box 3092 Houston, TX 77253	9. OGRID Number 778
4. Well Location Unit Letter I : 1715 feet from the SOUTH line and 1115 feet from the EAST line Section 29 Township 28N Range 08W NMPM San Juan County	10. Pool name or Wildcat Basin Dakota & Blanco Mesaverde
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ 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:		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 type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
OTHER: Downhole Commingle <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 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

The above mentioned well is currently a dual string wellbore capable of producing from both the Basin Dakota and the Blanco Mesaverde formations. BP America Production Company requests permission to remove the short string tubing (MV), pull the long tubing string (DK), re-land a single string of tubing, and downhole commingle.
The Basin Dakota (71599) and the Blanco Mesaverde (72319) pools are pre-approved for Downhole Commingling per the NMOCD order R-11363. The working, overriding & royalty interest are the same but the percentages in the proposed commingled pools are not the same therefore notification is required. (Sent Certified Return Receipt 09/24/07). Production is proposed to be allocated based on subtraction method using the projected future decline for production for the Blanco Mesaverde. 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 DK. Attached is the future production decline estimates for the Blanco Mesaverde.

The BLM has been notified of the DHC via form 3160-5 for lease SF - 080112.

Commingling Production Downhole in the subject well from the proposed pools will 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. 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 Toya Colvin TITLE Regulatory Analyst DATE 09/24/2007

Type or print name Toya Colvin E-mail address: toya.colvin@BP.com Telephone No. 281-366-7148
For State Use Only

APPROVED BY: [Signature] TITLE Deputy Oil & Gas Inspector, District #3 DATE NOV 16 2007
Conditions of Approval (if any):

SJ Basin Well Work Procedure

Well Name: Bolack 1M – MV / DK dual well
API #: 30-045-24989
Date: September 16, 2007
Repair Type: Downhole Commingle Zones

Objective: Remove short string tubing (MV) w/ coil tubing unit, Chemical cut long string and POH using coil tubing unit, mill packer, pluck packer, POH w/ rest of long string coil. Clean out wellbore, TIH and reland single string of tubing, and return to production.

1. POOH with 1-1/2" 1.523# coil tubing short tubing string set @ 4431'
2. Chemical cut long string (1-1/2", 1.43#, 1.31" I.D.) ~4800' w/ 11/16" chemical cutter
3. POOH with long tubing string
4. Mill slip elements on H.E.S. "BWB" packer (P/N 212 BWB 45100-A)
5. RIH w/ Packer plucker and latch onto packer
6. POOH w/ Packer and rest of long coil tubing string (1820' coil below packer)
7. C/O to PBSD
8. TIH with 2-3/8" 4.7# J-55 tubing – land @ 6700'
9. Return well to production.

Pertinent Information: Gas BTU content for this well is 1340 (MV production) and 1195 (DK); Venting and Flaring document needs to be followed if BTU content is above 950.

Location: T28N-R8W-Sec29(I)
County: San Juan
State: New Mexico
Horizon: Mesa Verde / Dakota

Engr: Andrew Berhost
ph (505) 326-9208
mobile: (505) 486-0139
fax (505) 326-9262

Procedure:

1. Perform pre-rig site inspection. Check for: size of location, Gas Taps, other wells, other operators, running equipment, wetlands, wash (dikes req.), H2S, barriers needed for equipment, Landowner issues, location of pits (buried lines in pits), Raptor nesting, critical location, check anchors. Check ID wellhead; if earth pit is required have One Call made 48 hours prior to digging.
2. Perform second site visit after lines are marked to ensure all lines clear marked pit locations. Planning and scheduling to ready location for rig.
3. Prior to rig up a full history should be obtained for the coil tubing unit. This should include the remaining coil tubing fatigue life, the position of all welds, and the fluid exposure history, all items should be documented for the reel.
4. RU slickline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in each tubing string. **May need to**

seek dual barrier dispensation at we have 1.5" Coil tubing in both long and short strings.

5. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
6. MIRU workover rig. LOTO all necessary equipment including but not limited to: meter run, automation, separator, and water line.
7. Blow down well. Kill with 2% KCL water ONLY if necessary.
8. Check all casing strings to ensure no pressure exist on any annulus. **The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.**
9. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs to 200 psi low side and 1100psig high side – maximum expected BHP of DK ~950psig. Monitor flowing casing pressure with gauge throughout workover.
10. Install stripping rubber, pull tubing hanger and shut pipe rams. Strip tubing hanger out of hole.
11. MI Coil Tubing unit. NU CT injector head – use rig draw works to hold injector head.
12. POOH using the CTU with 1-1/2" 1.43# tubing - short string currently set at 4432'.
13. RU WL specialties with 11/16" chemical cutter for 1-1/2" coil tubing. Cut long-string coil tubing ~4800' – just above packer depth. RD WL.
14. Spool up long string using CTU - 4800' length of coil above packer.
15. RIH w/ mill and motor on 2-3/8" workstring and mill slip elements on 4-1/2" H.E.S "BWB" Perma-Series Packer set at 4800'. Retrieve packer with packer plucker.
16. Spool up rest of 1-1/2" 1.43# coil below packer using coil tubing rig – length of coil below packer is ~1511' and is currently landed @ 6726'. RD and move coil tubing rig off location.
17. RIH with bit and scraper for 4-1/2" casing. Check the distance between the top of the blind rams and the length of the bottomhole 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. Work casing scraper across MV perforations @ 4490'-4718' and Dakota perforations @ 6606'-6744'. POOH with bit and scraper.
18. Cleanout to PBTD 6754' to ensure wellbore is clean and dry. Reference Under-Balanced Well Control Tripping Procedure. TOH w/ workstring.
19. Rabbit tubing and RIH with 2-3/8" production tubing. (With muleshoe, F-nipple with plug, 4 ft pup, X-nipple with plug).

20. Land 2-3/8" production tubing at ~6700'. Lock down tubing hanger.
21. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Care should be taken during pressure testing of the tubing due to potential problem caused if tubing parts close to the surface. Check all casing string for pressure. **The operations of removal of BOP's and installation of wellhead will be performed under a dispensation for one (1) barrier on the backside.**
22. ND BOP's. NU Wellhead. During Master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree. Pressure test Wellhead.
23. RU WL unit. Run gauge ring for 2-3/8" tubing. Broach out any tight spots noticed in WL trip. If tubing will not broach free and clean RD WL and pull tubing and replace bad joints. Pull plugs and set tubing stop for plunger. Communicate plunger equipment status to operations team personnel.
24. RD slickline unit.
25. Test well for air. Return well to production. RD and release all equipment. Remove all LOTO equipment.
26. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Discussion with production operations team about particulars of well when handing off the well file.

Bolack 1M		Sec 29, T28N, R8W		API # 30-045-24989		1715' FSL, 1115' FEL	
5983' GL							
History						est. TOC @ surface (circ 5 bbls)	
Completed as DK only well in 6/1985						12-1/4" Hole @ 293'	
MV payadd made dual well in 1994						9.5/8" 36# K55 ST&C @ 293'	
Formation Intervals						250 sxs Cl-B, 2%CaCl2 (circulated)	
Cliffhouse	3900-3950						
Menefee	3950-4488						
Pont Lookout	4488-4664						
Mancos	4664-5661					TOC @ Surface (Circulated)	
Gallup	5661-6413						
Greenhorn	6413-6482						
Graneros	6482-6514						
Dakota	6514-6750						
Tubing: 1.50" Coil tubing @ 4428'						4-1/2" TIW liner hanger @ 2660'	
BHA (1.43" SN @ 4425')						8-3/4" Hole @ 2820'	
Mesaverde Perforations						7" 23# K55 ST&C @ 2820'	
4490' - 4718' frac'd w/ 190,000# 16/30 sand						325sxs Econolite	
1MMscf N2 w/ 70 Quality Foam						150sxs Cl-B w/ 2% CaCl2 (circulated)	
Deviation Survey:						Baker Model 'D' packer @ 4800'	
301'	3/4°						
820'	3/4°						
1326'	1°						
1829'	1°						
1983'	3/4°						
2484'	3/4°						
3333'	1°						
3832'	1°					Est TOC @ TOL	
4335'	1-3/4°						
4649'	1-3/4°						
4900'	1-3/4°						
5150'	2-1/4°						
5433'	3°						
5682'	4°						
5930'	4-1/2°						
6180'	4-1/2°						
6460'	4°						
6757'	4°						
5930'	4-1/2°						
6180'	4-1/2°						
6460'	4°						
6757'	4°						
Dakota Perforations						Tubing: 1-1/2" coil-tubing @ 6625'	
6606' - 6615'						BHA(1.43" Nipple @ 4798')	
6670' - 6744'							
frac'd w/ 196,000# 20/40 sand						4-1/2" liner 10.5# K55 ST&C @ 6765'	
						300 sxs Econolite	
						150 sxs Cl-B	
		PBTD 6754'					
		TD: 6765'					
NOTES:							
						updated 9/5/07 ADB	