

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

2006 MAR 6 AM 11 46

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

5. Lease Serial No. **SF - 078655**

6. If Indian, Allottee or tribe Name

7. If Unit or CA Agreement, Name and No

NmNM - 073340

8. Lease Name and Well No.

Decker LS ^{LN} _{com}

9. API Well No.

30-045-33634

10. Field and Pool, or Exploratory

Basin Dakota & Blanco Mesaverde

11. Sec., T., R., M., or Blk. and survey or Area

SECTION 17 T32N & R10W

D

12. County or Parish

SAN JUAN

13. State

NEW MEXICO

17. Spacing Unit dedicated to this well

315.14 W2

20. BLM/BIA Bond No. on file

WY2924

23. Estimated duration

7 DAYS

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Cherry Hlava

Name (Printed/typed)

Cherry Hlava

Date

02/28/06

Title

Regulatory Analyst

Approved by (Signature)

D. Mankes

Name (Printed/Typed)

Office

FFO

Date

4/14/06

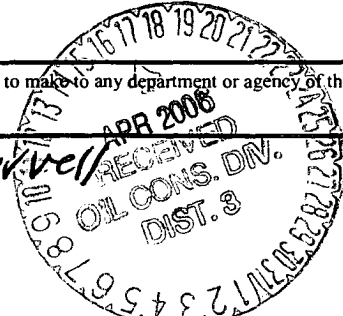
Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct Operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

HOLD C194 FOR *directional-survey*



District I
PO Box 1980, Hobbs NM 88241-1980
District II
PO Drawer KK, Artesia, NM 87211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994

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

2005 MAR 6 AM 11 46

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-33634	² Pool Code 070	³ Pool Name FARMINGTON NM Basin Dakota, Blanco Mesaverde
⁴ Property Code 000427 35604	⁵ Property Name Decker LS Com	⁶ Well Number # 1N
⁷ OGRID No. 000778	⁸ Operator Name BP AMERICA PRODUCTION COMPANY	⁹ Elevation 6148

¹⁰ Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	32 N	10 W		860	NORTH	1165	WEST	SAN JUAN

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	17	32 N	10 W	3	690	NORTH	1910	WEST	SAN JUAN

¹² Dedicated Acres 315.14	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

	<p>¹⁶</p> <p>098'</p> <p>1165'</p> <p>860'</p> <p>Lot 3</p> <p>Bottom Hole Footage 690' F/NL / 1910' F/WL</p> <p>Azimuth - 77°39' 757'</p> <p>Lot 2</p> <p>Lot 1</p> <p>Lot 4</p> <p>Lot 5</p> <p>Lot 6</p> <p>Lot 9</p> <p>Lot 8</p> <p>Lot 7</p> <p>Lot 10</p> <p>Lot 11</p> <p>Lot 12</p> <p>17</p> <p>5126(R)</p> <p>5173(R)</p> <p>5216(R)</p>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Cherry Hlava</i></p> <p>Signature</p> <p>Cherry Hlava</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p>2-28-06</p> <p>Date</p>	
		<p>¹⁸ SURVEYOR CERTIFICATION</p> <p>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.</p> <p>September 1, 2005</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor</p> <p>GARY D. VANN</p> <p>NEW MEXICO</p> <p>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p>7016</p> <p>Certificate Number</p>	

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. NEW WELL 30-045-33634
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Decker LS Com
8. Well Number 1 N
9. OGRID Number 000778
10. Pool name or Wildcat Basin Dakota & Blanco Mesaverde

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

2. Name of Operator
BP AMERICA PRODUCTION COMPANY

3. Address of Operator
P.O. BOX 3092 HOUSTON, TX 77079-2064

4. Well Location
Unit Letter D : 860 feet from the North line and 1165 feet from the West line
Section 17 Township 32N Range 10W NMPM SAN JUAN County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
6148' GR

Pit or Below-grade Tank Application ☒ or Closure ☐

Pit type DRILLING Depth to Groundwater 450' Distance from nearest fresh water well > 1000' Distance from nearest surface water 300'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume 3000 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 ☐

SUBSEQUENT REPORT OF:

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

OTHER: LINED DRILLING PIT



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.

Construct a lined drilling 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.

Please see attached Pad Layout

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 Cherry Hlava TITLE Regulatory Analyst DATE 04/20/2005

Type or print name Cherry Hlava E-mail address: hlavacl@bp.com Telephone No. 281-366-4081

For State Use Only

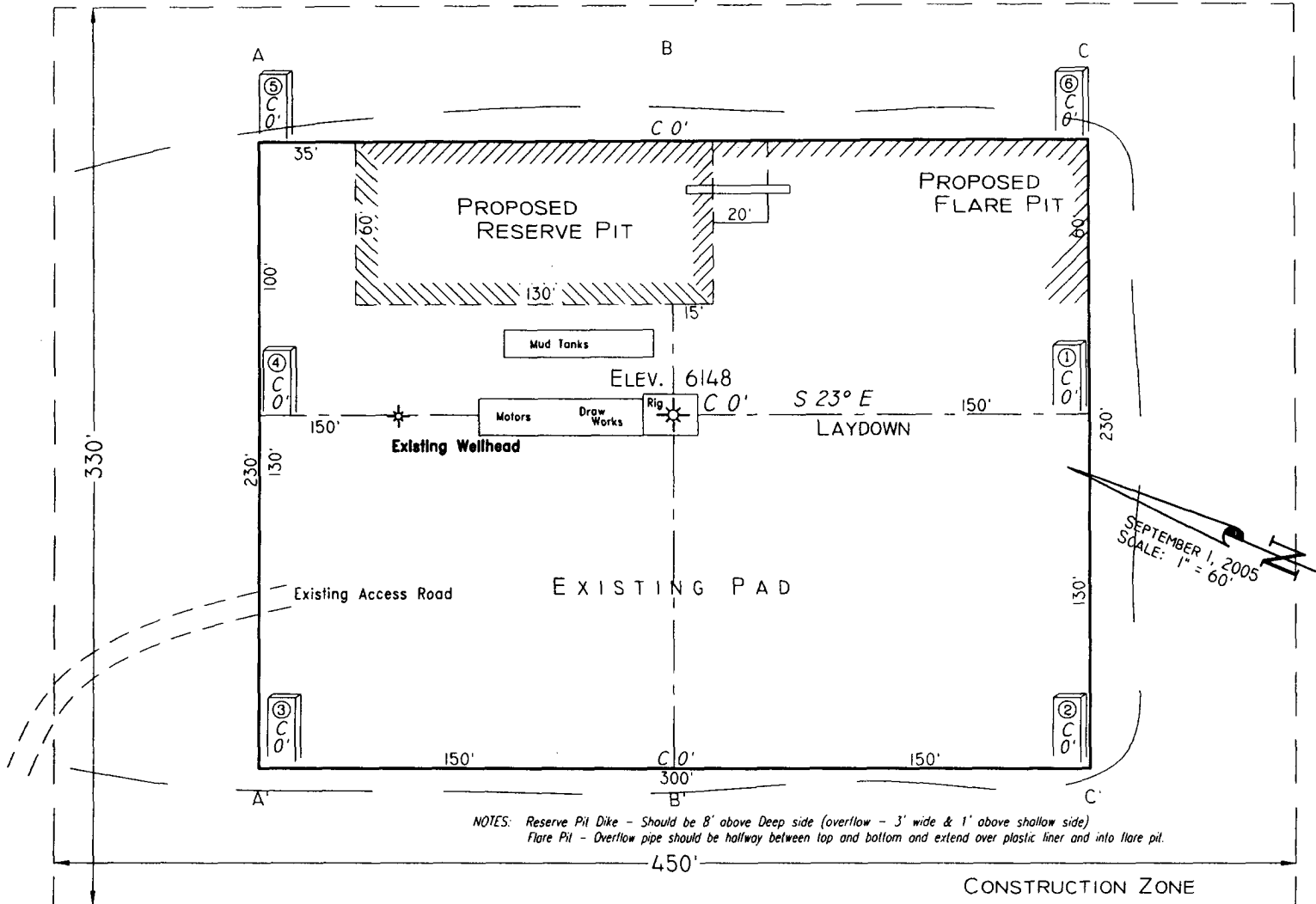
APPROVED BY: [Signature] TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 4 DATE APR 17 2006

Conditions of Approval (if any):

PAD LAYOUT PLAN & PROFILE
BP AMERICA PRODUCTION COMPANY
 Decker LSW 1N
 860' F/NL 1165' F/WL
 SEC. 17, T32N, R10W, N.M.P.M.
 SAN JUAN COUNTY, NEW MEXICO

Lat: 36.9897°
 Long: 107.9106°

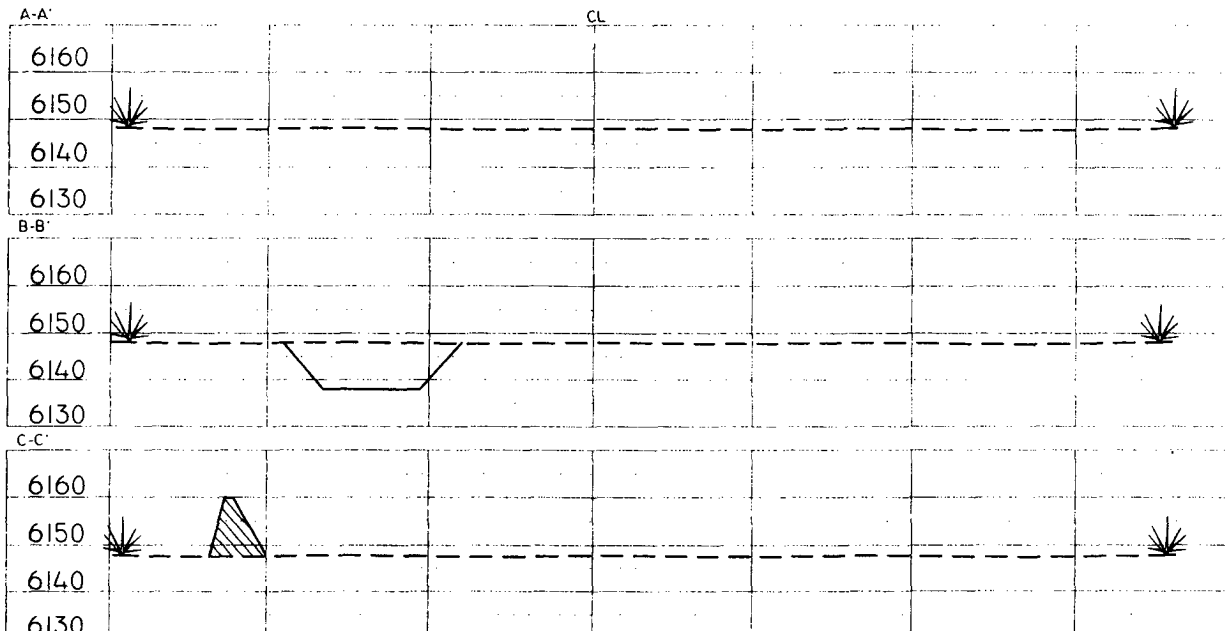
Lat: 36°59'23"
 Long: 107°54'38"



NOTES: Reserve Pit Dike - Should be 8" above Deep side (overflow - 3' wide & 1" above shallow side)
 Flare Pit - Overflow pipe should be halfway between top and bottom and extend over plastic liner and into flare pit.

Area of Construction Zone - 330'x450' or 3.41 acres, more or less.

SCALE: 1"=60'-HORIZ.
 1"=40'-VERT.



NOTE: Contractor should call One-Call for location of any marked or unmarked buried pipelines or cables on well pad and/or access road at least two (2) working days prior to construction.

Cuts and fills shown are approximate - final finished elevation is to be adjusted so earthwork will balance. Corner stakes are approximate and do not include additional areas needed for sideslopes and drainages. Final Pad Dimensions are to be verified by Contractor.

VANN SURVEYS
 P. O. Box 1306
 Farmington, NM

BP AMERICA PRODUCTION COMPANY

DRILLING AND COMPLETION PROGRAM

12/14/2005

Lease:	Decker LS	Well Name & No.	Decker LS #1N	Field:	Blanco Mesaverde/Basin Dakota
County:	San Juan, New Mexico	Surface Location:	17-32N-10W: 860' FNL, 1165' FWL		
Minerals:	State	Surface:	Lat: 36.9898856 deg; Long: -107.9100714 deg		
Rig :	Aztec 184	BH Location:	690 FNL x 1910 FWL Lat: 36.9902843; Long: -107.09075157		
OBJECTIVE:	Drill 280' below the top of the Two Wells Mbr, set 4-1/2" casing, Stimulate DK, MF, and PL intervals.				

METHOD OF DRILLING		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
TYPE OF TOOLS	DEPTH OF DRILLING	Actual GL:	6148'	Estimated KB:	6,159.0'
Rotary	0 - TD	Marker		SUBSEA	TVD

LOG PROGRAM		APPROXIMATE DEPTHS OF GEOLOGICAL MARKER			
Type	Depth Interval	Marker		SUBSEA	TVD
Single Run		Ojo Alamo		4,936'	1,223'
		Kirtland		4,860'	1,299'
		Fruitland	*	3,883'	2,276'
		Fruitland Coal	*	3,685'	2,474'
		Pictured Cliffs	*	3,274'	2,885'
Cased Hole	TD to 7" shoe	Lewis	*	2,883'	3,276'
		Cliff House	#	1,690'	4,469'
		Menefee	#	1,292'	4,867'
		Point Lookout	#	977'	5,182'
		Mancos		641'	5,518'
RST- CBL	Identify 4 1/2" cement top	Greenhorn		-1,116'	7,275'

REMARKS:					
This recommended that this well penetrate through the entire BRCN interval with TD in the Morrison.		Graneros (bent,mkr)		-1,163'	7,322'
		Two Wells	#	-1,241'	7,400'
		Paguate	#	-1,292'	7,451'
		Cubero	#	-1,317'	7,476'
Due to the proximity of a strong BRCN producer about 1 mile to the east, it is recommended that the borehole be drilled with mud (for pressure control) starting 150 ft. below the top of the Two Wells and ending at TD. See attached cross-section.		L. Cubero	#	-1,339'	7,498'
		Encinal Cyn	#	-1,430'	7,589'
		Burro Canyon	#	-1,477'	7,636'
		TOTAL DEPTH:		-1,521'	7,680'
		# Probable completion interval		* Possible Pay	

SPECIAL TESTS		DRILL CUTTING SAMPLES		DRILLING TIME	
TYPE		FREQUENCY	DEPTH	FREQUENCY	DEPTH
None		30'/10' intervals	3,473' to TD	Geologist	0 - TD
REMARKS:					

MUD PROGRAM:					
Interval	TypeMud	#/gal	Vis, sec/qt	/30 min	Other Specification
200'	Spud	8.8 - 9.0	Sufficient to clean hole.		
3,473'	Water/LSND	8.4 - 9.0		<9	Sweep hole while whilst water drilling, LCM onsite
7,778'	Air	1	1000 cfm for hammer		Volume sufficient to maintain a stable and clean wellbore

CASING PROGRAM:							
CasingString	Depth	Size	Casing Size	Grade, Thread	Weight	Landing Point	Cement
Surface/Conductor	200'	13 1/2"	9-5/8"	H-40 ST&C	32#		cmt to surface
Intermediate 1	3,473'	8-3/4"	7"	J/K-55 ST&C	20#	100' below LWIS	cmt to surface
Production	7,778'	6-1/4"	4-1/2"	P-110	11.6#	DKOT	150' inside Intermediate - TOC survey required

CORING PROGRAM:	None
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COMPLETION PROGRAM:	Rigless, 2-3 Stage Limited Entry Hydraulic Frac, FMC Unihead
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GENERAL REMARKS:	Notify BLM/NMOC 24 hours prior to Spud, BOP testing, and Casing and Cementing.
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BOP Pressure Testing Requirements			
Formation	Depth	Anticipated bottom hole pressure	Max anticipated surface pressure**
Cliffhouse	4,469'	500	0
Point Lookout	5,182'	600	0
Dakota	7,400'	2600	972

Requested BOP Pressure Test Exception = 1500 psi	** Note: Determined using the following formula: ABHP - (.22*TVD) = ASP
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Form 46 Reviewed by:	Logging program reviewed by:	DATE:	APPROVED:	DATE:
HGJ	JMP/GGZ	14-Dec-05		
Form 46 7-84bw	For Drilling Dept.		For Production Dept.	

Cementing Program

Well Name: Decker LS #1N
 Location: 17-32N-10W: 860' FNL, 1165' FWL
 County: San Juan
 State: New Mexico

Well Flac
 Formation: Blanco Mesaverde/Basin Dakota
 KB Elev (est) 6159
 GL Elev. (est) 6148

Casing Program:

Casing String	Est. Depth (ft.)	Hole Size (in.)	Casing Size (in.)	Thread	TOC (ft.)	Stage Tool Or TOL (ft.)	Cmt Cir. Out (bbl.)
Surface	200	13.5	9.625	ST&C	Surface	NA	
Intermediate	3473	8.75	7	ST&C	Surface	NA	
Production -	7778	6.25	4.5	ST&C	3373	NA	

Casing Properties:

(No Safety Factor Included)

Casing String	Size (in.)	Weight (lb/ft)	Grade	Burst (psi.)	Collapse (psi.)	Joint St. (1000 lbs.)	Capacity (bbl/ft.)	Drift (in.)
Surface	9.625	32	H-40	2270	1400	254	0.0787	8.845
Intermediate	7	20	K-55	3740	2270	254	0.0405	6.456
Production -	4.5	11.6	J-55	5350	4960	154	0.0155	3.875

Mud Program

Apex. Interval (ft.)	Mud Type	Mud Weight
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Recommended Mud Properties Prio Cementing:

PV <20

YP <10

Fluid Loss <15

0 - SCP	Water/Spud	8.6-9.2
SCP - ICP	Water/LSND	8.6-9.2
ICP - ICP2	Gas/Air Mist	NA
ICP2 - TD	LSND	8.6 - 9.2

Cementing Program:

	Surface	Intermediate	Production
Excess %, Lead	100	75	40
Excess %, Tail	NA	0	40
BHST (est deg. F)	75	120	183
Special Instructions	1,6,7	1,6,8	2,4,6

1. Do not wash pumps and lines.
2. Wash pumps and lines.
3. Reverse out
4. Run Blend Test on Cement
5. Record Rate, Pressure, and Density on 3.5" disk
6. Confirm densitometer with pressurized mud scales
7. 1" cement to surface if cement is not circulated.
8. If cement is not circulated to surface, run temp. survey 10-12 hr. after landing plug.

Notes: *Do not wash up on top of plug. Wash lines before displacing production cement job to minimize drillout.

Surface:

Preflush	20 bbl.	Fresh Water	
Slurry 1	154 sx Class C Cement		195 cuft
TOC@Surface	+ 2% CaCl ₂ (accelerator)		

0.4887 cuft/ft OH

Slurry Properties:	Density (lb/gal)	Yield (ft ³ /sk)	Water (gal/sk)
Slurry 1	15.2	1.27	5.8

Casing Equipment:	9-5/8", 8R, ST&C
	1 Guide Shoe
	1 Top Wooden Plug
	1 Autofill insert float valve
	Centralizers, as needed
	1 Stop Ring
	1 Thread Lock Compound

Cementing Program

Intermediate:

Fresh Water	20 bbl	fresh water	
Lead		291 sx Class "G" Cement	764 cuft
Slurry 1		+ 3% D79 extender	
TOC@Surface		+1/4 #/sk. Cellophane Flake	
		+ 5 lb/sk Gilsonite	
Tail		59 sx 50/50 Class "G"/Poz	75 cuft
Slurry 2		+ 2% gel (extender)	
	500 ft fill	+1/4 #/sk. Cellophane Flake	0.1503 cuft/ft OH
		+ 2% CaCl2 (accelerator)	0.1746 cuft/ft csg ann
		+ 5 lb/sk Gilsonite	

Slurry Properties:	Density	Yield	Water
	(lb/gal)	(ft3/sk)	(gal/sk)
Slurry 1	11.4	2.63	15.8
Slurry 2	13.5	1.27	5.72

Casing Equipment:

- 7", 8R, ST&C
- 1 Float Shoe (autofill with minimal LCM in mud)
- 1 Float Collar (autofill with minimal LCM in mud)
- 1 Stop Ring
- Centralizers as needed
- 1 Top Rubber Plug
- 1 Thread Lock Compound

Production:

Fresh Water	10 bbl	CW100	
Lead		177 LiteCrete D961 / D124 / D154	445 cuft
Slurry 1		+ 0.03 gps D47 antifoam	
TOC, 400' above 7" shoe		+ 0.5% D112 fluid loss	
		+ 0.11% D65 TIC	
Tail		166 sx 50/50 Class "G"/Poz	239 cuft
Slurry 2		+ 5% D20 gel (extender)	
	1662 ft fill	+ 0.1% D46 antifoam	
		+ 1/4 #/sk. Cellophane Flake	
		+ 0.25% D167 Fluid Loss	
		+ 5 lb/sk Gilsonite	
		+0.1% d800, retarder	
		+0.15% D65, dispersant	

0.1026 cuft/ft OH

Slurry Properties:	Density	Yield	Water	
	(lb/gal)	(ft3/sk)	(gal/sk)	
Slurry 1	9.5	2.52	6.38	
Slurry 2	13	1.44	6.5	0.1169 cuft/ft csg ann

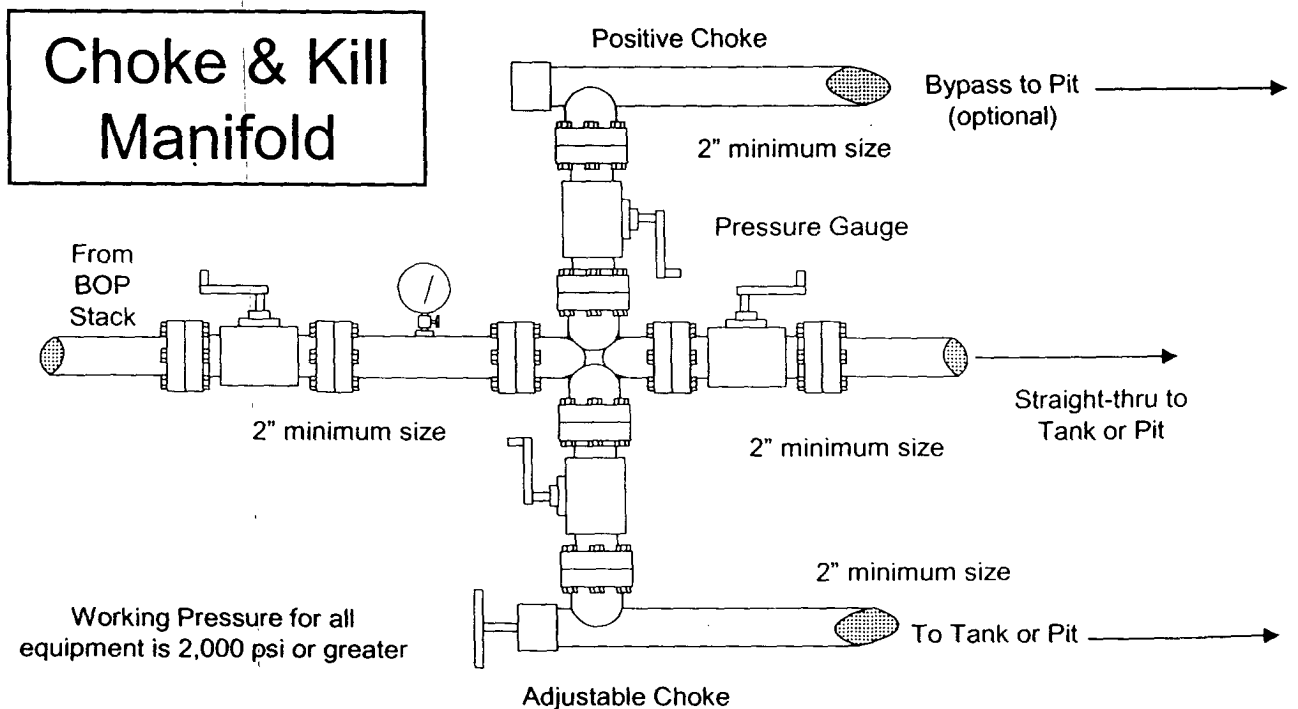
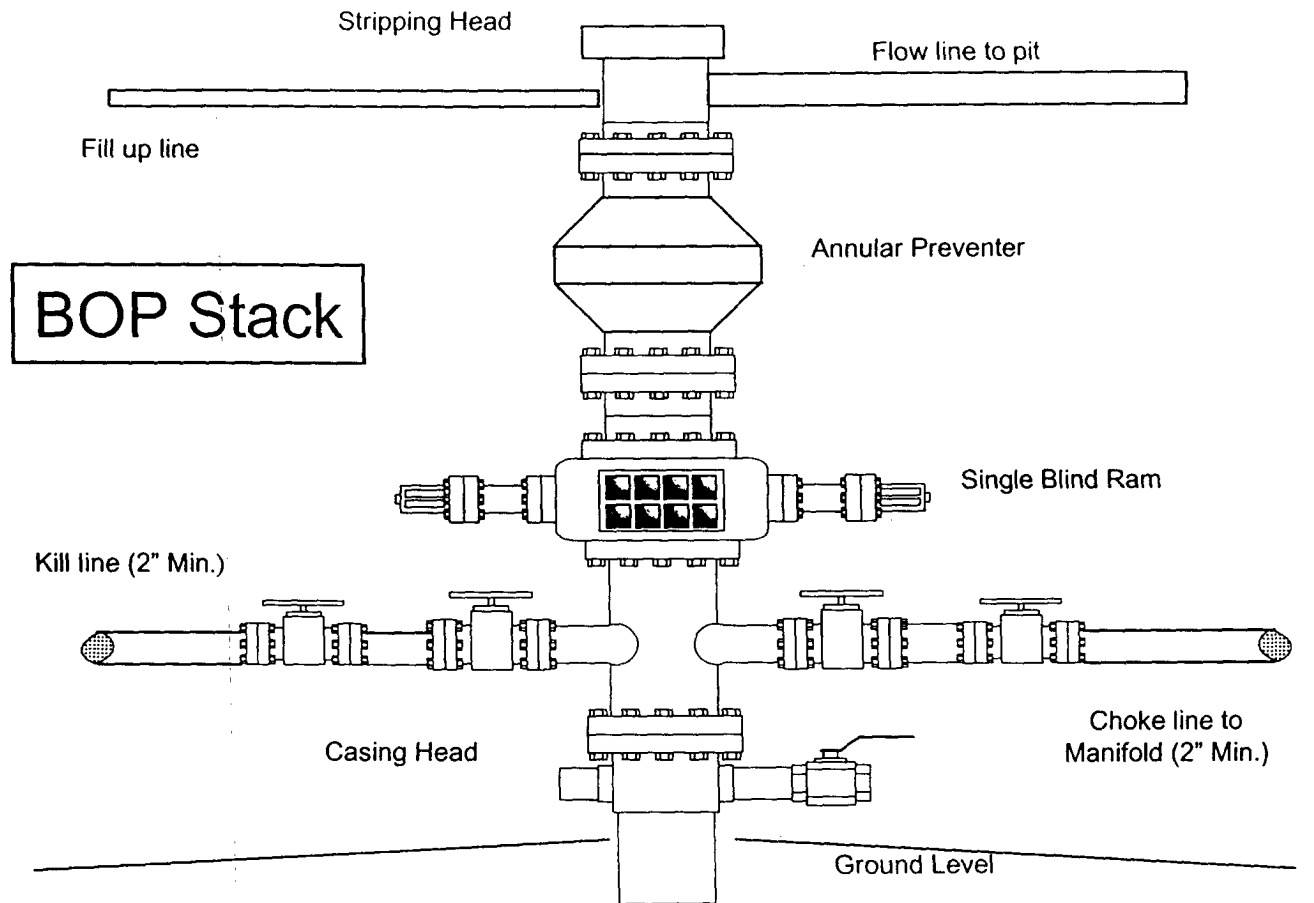
Top of Mancos
5616

Casing Equipment:

- 4-1/2", 8R, ST&C
- 1 Float Shoe (autofill with minimal LCM in mud)
- 1 Float Collar (autofill with minimal LCM in mud)
- 1 Stop Ring
- Centralizers, as needed
- 1 Top Rubber Plug
- 1 Thread Lock Compound

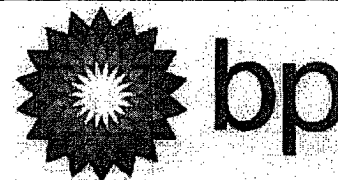
BP American Production Company

Well Control Equipment Schematic





Field: SAN JUAN, New Mexico
 Site: SEC 17-T32N-10W
 Well: Decker LS #1N
 Wellpath: OH
 Plan: Plan #1



SECTION DETAILS

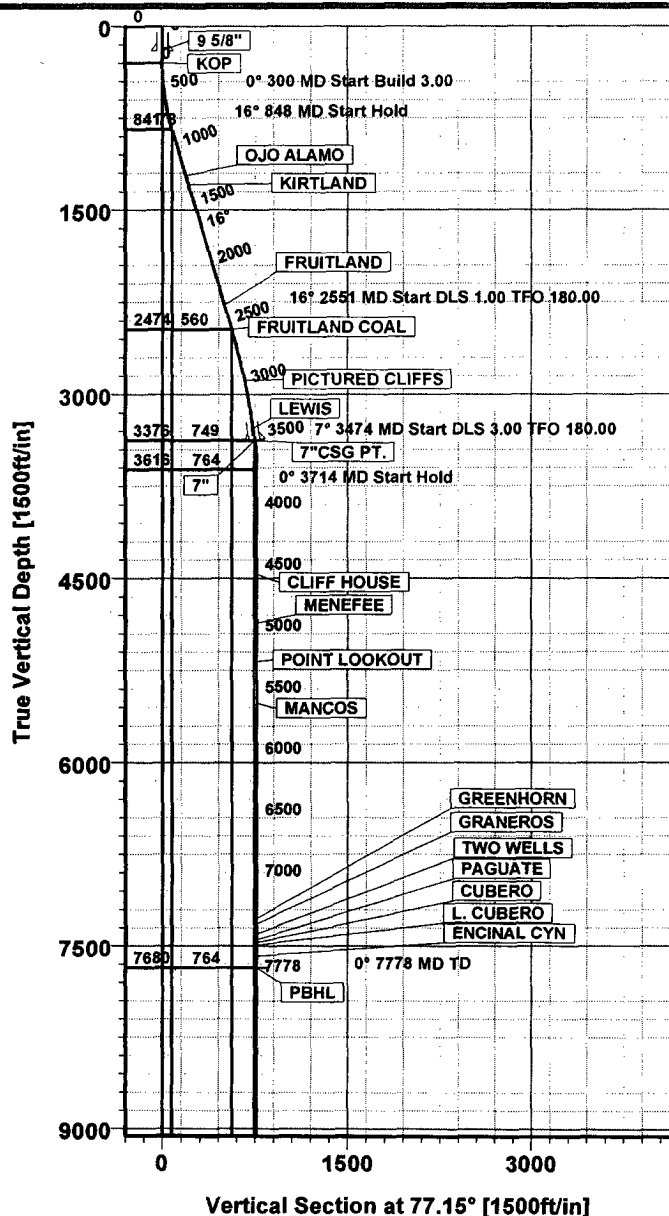
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
3	848.20	16.45	77.15	840.70	17.38	76.18	3.00	77.15	78.14	
4	2551.17	16.45	77.15	2474.00	124.60	546.23	0.00	0.00	560.27	
5	3473.75	7.22	77.15	3376.00	166.63	730.48	1.00	180.00	749.25	7"CSG PT.
6	3714.42	0.00	0.00	3616.03	170.00	745.25	3.00	180.00	764.39	
7	7778.39	0.00	0.00	7680.00	170.00	745.25	0.00	0.00	764.39	PBHL

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
7"CSG PT.	3376.00	166.63	730.48	2179830.53	2701416.95	Point
PBHL	7680.00	170.00	745.00	2179833.89	2701431.47	Circle (Radius: 100)

WELL DETAILS

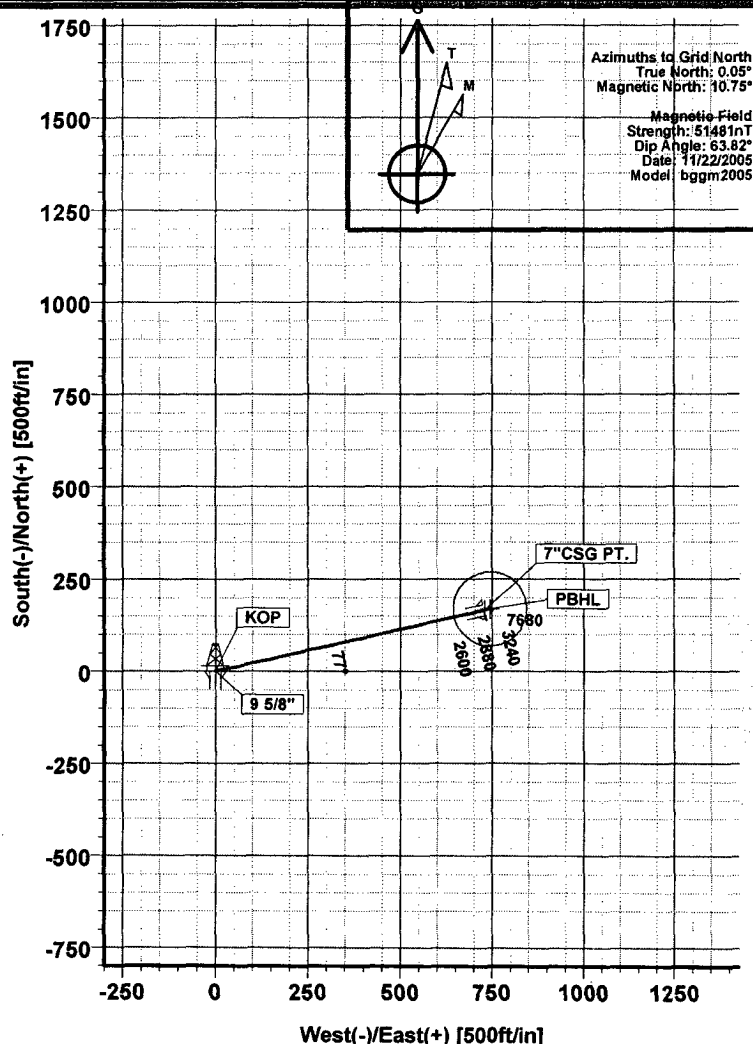
Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
Decker LS #1N	0.00	0.00	2179663.91	2700686.53	36°59'23.588N	107°54'36.250W	N/A



SITE DETAILS

SEC 17-T32N-10W
 SAN JUAN NM

Ground Level: 6145.00
 Positional Uncertainty: 0.00
 Convergence: -0.05



Additional Operator Remarks
Decker LS 1N
APD

BP America Production Company respectfully requests permission to drill the subject well to a total depth of approximately 7778'. Complete in the Basin Dakota Pool, isolate the Dakota; complete into the Blanco Mesaverde, establish a production rate; drill out the bridge plug and commingle production downhole.

Application for Downhole Commingling authority (NMOCD order R-11363) will be submitted to all appropriate for approval after Permit to Drill has been approved.

If terrain allows it is our intent to pre-set the 9 5/8" casing on the above mentioned well by drilling a surface hole of 12 1/4" (instead of 13.5") with air/air mist in lieu of drilling mud and the surface casing be cemented with 94.5 cu/ft type I-II, 20% FLYASH, 14.5 PPG, 7.41 gal/sk, 1.61 cf/sk Yield, 80 DEG BHST ready mix cement. If the area will not allow for pre-set the approved cement program will be followed.

SUPPLEMENTAL TO SURFACE USE PLAN

New Facilities:

A 4.5" diameter buried steel pipeline that is +/- 100 feet in length will be constructed. The pipe wall thickness is .156 and the pipe wall strength is 42,000#. It will be adjacent to the access road and tie the well into an existing gas meter operated by BP America Production Company. The pipeline will not be used to transport gas to drill the well. After the well is spud the pipeline will be authorized by a right-of-way issued by El Paso Field Services.

APD/ROW

**SAN JUAN BASIN
Dakota Formation
Pressure Control Equipment**

Background

The objective Dakota formation maximum surface pressure is anticipated to be less than 1000 psi, based on shut-in surface pressures from adjacent wells. Pressure control equipment working pressure minimum requirements are therefore 2000 psi. Equipment to be used will conform to API RP-53 (Figure 2.C.2) for a 2000 psi system per Federal Onshore Order No. 2. Due to available conventional equipment within the area, 3000 psi rated pressure control equipment will typically be utilized in a single ram type arrangement. Regional drilling rights to be utilized have substructure height limitations which exclude the use of annular preventers; therefore a rotating head will be installed above these rams. This pressure control equipment will be utilized for conventional drilling below conductor to total depth in the Basin Dakota. No abnormal temperature, pressure, or H2S anticipated.

Equipment Specification

Interval

BOP Equipment

Below conductor casing to total depth 11" nominal or 7 1/16", 2000 psi Single ram preventer with 3000 psi annular preventer and rotating head.

All ram type and annular preventers as well as related control equipment will be hydraulically tested to 250 psi (low pressure) and 1500 psi (high pressure), upon installation, following any repairs or equipment replacements, or at 30 day intervals. Accessories to BOP equipment will include kelly cock, upper kelly cock with a handle available, floor safety valves and choke manifold which will also be tested to equivalent pressure.