Form 3160-3 (August 1999)

UNITED STATE: DEPARTMENT OF THE I	NTERIOR			OMB No	APPROVED b. 1004-0136 cember 30, 2000		
BUREAU OF LAND MAN APPLICATION OFOR PERMIT TO D		FIÊR T 28 - 1.5	; 4 3.9	5. Lease Serial No. SF- 078202			
	,	RICE.	6.	If Indian, Allottee or tr	ribe Name		
ta. Type of Work: DRILL	REENTER		.7	If Unit or CA Agreeme	ent, Name and No		
1b. Type of Well: Oil Well Gas Well Gas Other	Sin	gle Zone Multiple Z		8. Lease Name and Well No. Schoen LS 2N			
2. Name of Operator			9.	API Well No.			
BP AMERICA PRODUCTION COMPANY				0-045-3	4041		
2a. Address 3b. Phone No. (include area code) P.O. BOX 3092 HOUSTON, TX 77079-2064 281-366-3866				10. Field and Pool, or Exploratory Basin Dakota & Blanco Mesaverde			
4. Loction of Well (Report location clearly and in accordance				Sec., T., R., M., or Blk	· · · · · · · · · · · · · · · · · · ·		
At surface 705' FSL & 1820' FWL SESW At proposed prod. Zone SAME		Let	1	CTION 27 T30			
14. Distance in miles and direction from nearest town or post o	Affice*	Ort 1	12	County or Parish	13. State		
9.4 MILES SOUTHEAST FROM AZTEC			i	N JUAN	NEW MEXICO		
15. Distance from proposed* Location to nearest Property or lease line, ft. (Also to nearest drig. Ujnit line, if any) 787'		No. of Acres in lease		Spacing Unit dedicated to this well			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. F 7215	Proposed Depth	20. BLM WY292	BLM/BIA Bond No. on file			
21. Elevations (show whether DF, KDB., RT, GL, etc. 6067' GL	22. 04/1	Approximate date work	will start*	23. Estimated dura 7 DAYS	ation		
	24.	Attachments					
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National fore SUPO shall be filed with the appropriate Forest Service Off 	st System Lands, s	4. Bond to cove 20 above). 5. Operator cer	er the operation tification. site specific ifficer.	ns unless covered by a	n existing bond on file (see Iter		
	Name (<i>Printed/type</i> Kristina Hut		•	Date 10/25/06			
Regulatory Analyst							
	(Printed/Typed)			Date 112	107		
Title Acm Munerals			_	1-(-2			
Application approval does not warrant or certify the applicant ho Operations thereon. Conditions of approval, if any, are attached.	lds legal or equitab	e title to those rights in	the subject lea	se which would entitle	the applicant to conduct		
Title 18 U.S.C. Section 1001 and title 43 U.S.C. Section 1212, m any false, fictitious or fraudulent statements or representations as			d willfully to n	nake to any department	or agency of the United States		
*(Instructions on reverse)		1/					

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

was not 26

Form C-102 Revised February 21, 1994

Instructions on back

Submit to Appropriate District Office

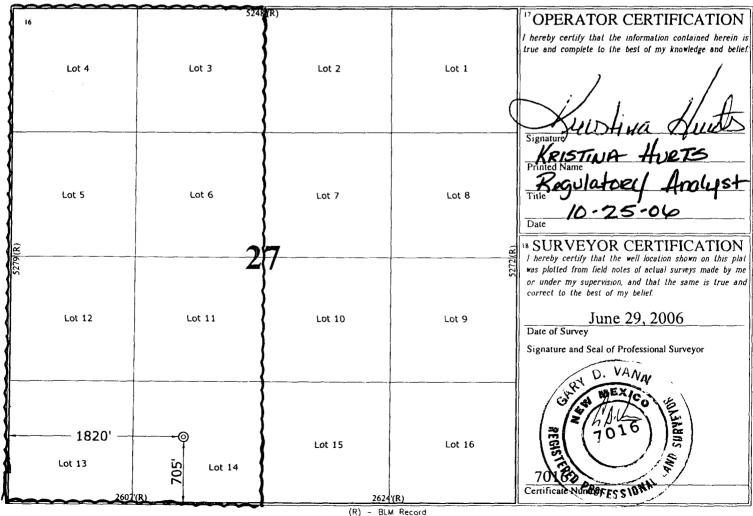
State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

RCVD JAN5'07 WELL LOCATION AND ACREAGE DEDICATION PLAT API Number rota & Blanc 30-045-3404 1 Property Code # 2N Schoen LS 001028 ⁹ Elevation * Operator Name **BP AMERICA PRODUCTION COMPANY** 6067 Surface Location

Township North/South line East/West line UL or Lot No. Range Feet from the Feet from the County Section Lot Idn SAN JUAN Lot 14 (N) 27 30 N 10 W 705 SOUTH 1820 WEST "Bottom Hole Location If Different From Surface Section Lot Idn Feet from the East/West line County UL or lot no. Township Range Feet from the North/South line Joint or Infill 4 Consolidation Code Dedicated Acres

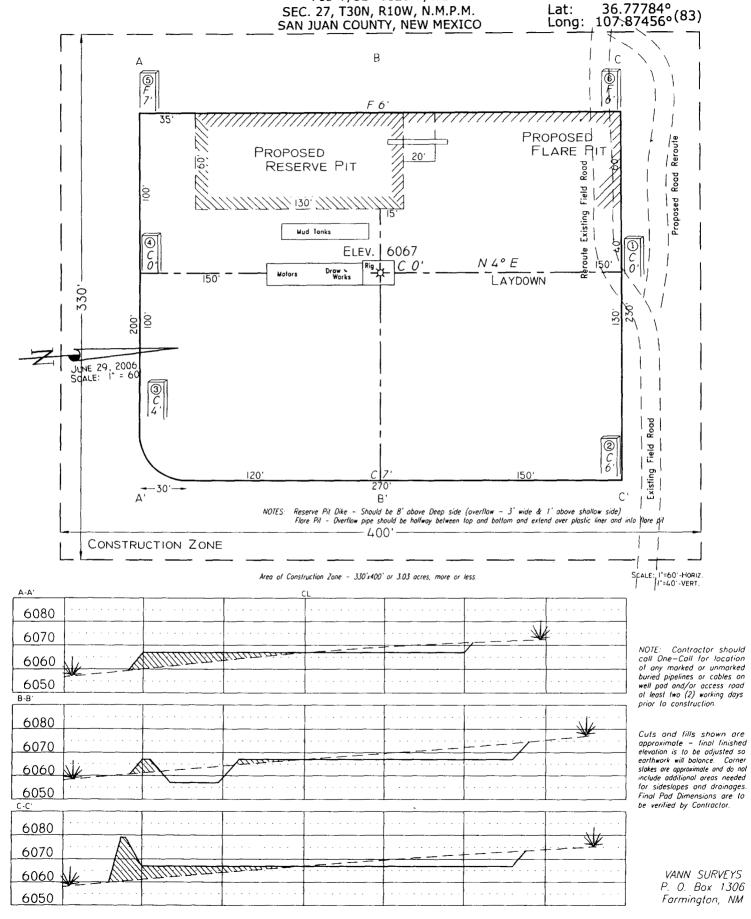
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Submit 3 Copies To Appropriate District Office	State of New Mex		Form C-103
District I	Energy, Minerals and Natur	ral Resources	May 27, 2004 WELL API NO. 30-045- 34041
1625 N. French Dr., Hobbs, NM 88240 District II	OIL CONSERVATION	DIMISION	New Well 2 2 4041
1301 W. Grand Ave., Artesia, NM 88210 District III	1220 South St. Fran	· ·	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87		STATE FEE 6. State Oil & Gas Lease No.
District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505	2 3, 1 1 2 1		o. State on & Gas Lease No.
(DO NOT USE THIS FORM FOR PROPOS DIFFERENT RESERVOIR. USE "APPLIC		JG BACK TO A	7. Lease Name or Unit Agreement Name SCHOEN LS
PROPOSALS.) 1. Type of Well: Oil Well	Gas Well 🛛 Other 🗌	,	8. Well Number 2N
2. Name of Operator BP AMERICA PRODUCTION C	OMPANY		9. OGRID Number 000778
3. Address of Operator P.O. BOX 3092 HOUSTON, TX			10. Pool name or Wildcat Basin Dakota & Blanco Mesaverde
4. Well Location Unit Letter N: 70	95 feet from the SOUTH	line and 197	0 feet from the West line
Section 27		Range 10W	NMPM SAN JUAN County
	11. Elevation (Show whether DR,	RKB, RT, GR, etc.)	
Pit or Below-grade Tank Application 🛛 or			>3-00
	water <u>>100'</u> Distance from nearest fresh		Distance from nearest surface water 1000
<u> </u>	elow-Grade Tank: Volume	bbls; Construc	
12. Check A	ppropriate Box to Indicate N	ature of Notice,	Report or Other Data
NOTICE OF IN	TENTION TO:	SUB	SEQUENT REPORT OF:
PERFORM REMEDIAL WORK	PLUG AND ABANDON CHANGE BLANC	REMEDIAL WORL	_
TEMPORARILY ABANDON PULL OR ALTER CASING	CHANGE PLANS MULTIPLE COMPL	COMMENCE DRI	<u> </u>
_			
OTHER: LINED DRILLING PIT		OTHER:	I give pertinent dates, including estimated date
			tach wellbore diagram of proposed completion
Construct a lined drilling nit	nor RD Amorico San Ing	n Racin Drillina	/ Workover Pit Construction Plan
issued date of 11/17/2004. Pit		_	
	, will be closed weed using to	ciosare pian or	• • • • • • • • • • • • • • • • • • • •
			e 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 MUSTICE	1a Juit TITLE_	Regulatory Analy	ost DATE 10/25/06
Type or print name Kristina Hurts For State Use Only	E-mail address: hurtk0@b	op.com	Telephone No. <u>281-366-3866</u>
1-	Tan-	eputy oil & gas i	INSPECTOR, DIST, & DATE JAN 08 2007
APPROVED BY: Conditions of Approval (if any):	TITLE_		DATE

PAD LAYOUT PLAN & PROFILE BP AMERICA PRODUCTION COMPANY

Schoen LS # 2N 705' F/SL 1820' F/WL SEC. 27, T30N, R10W, N.M.P.M.



Lease: Schoen LS		P AMER	RICA PRO	DUCTION	CO	ИΡА	NY	<u> </u>		
			IG AND CO							
		Mall Ma	me & No. Scho				Field:	Blanco Mos	averde	/Basin Dakota
			ocation: 27-3		5' FSL, 18	20' EV		DIALICO IVIES	averue	/Dasiri Dakola
County: San Juan, New Mex	.ICO	Surrace								
Minerals: Federal		511		36.7804500 de	eg; Long.	-107.8	762500 deg			
Rig: H & P 292	1(4b - T	<u> </u>	Location: sam		Ottonidate	DK 1	4E and DL i	nton inle		
OBJECTIVE: Drill 260' below the	top of the Tw	o wells Mb	r, set 4-1/2" pro			and the same of the Author was				
	OF DRILLIN	G					DEPTHS OF			
TYPE OF TOOLS	DE	PTH OF DI	RILLING	Actual (GL: 60	67		Estimated		
Rotary		0 - TD	·	Marker			SUBSEA	<u> </u>	TVD	APPROX. MD
LOG F	PROGRAM			Ojo Alamo			4,787'		1,294'	1,294'
Туре	Dep	th Interval		Kirtland			4,630'		1,451'	1,451'
Single Run				Fruitland			4,067'		2,014'	- 2,014'
				Fruitland Coal	<u> </u>	_ *	3,783'	- 1 3	2,298'	2,298'
				Pictured Cliffs	3		3,483'		2,598'	2,598'
				Lewis		<u> </u>	3,346'		2,735'	2,735'
Cased Hole			Cliff House		#	1,965'		4,116'	4,116'	
RST- CBL TD to 1200'			Menefee		#	1,725'		4,356'	4,356'	
	Identify 4	½" cement	top	Point Lookout	t	#	1,205'		4,876'	4,876'
REMARKS:				Mancos			871'		5,210'	5,210'
The recommended TD is intended to	penetrate th	ne ENCN (-	40') in order to	Greenhorn			-762'		6,843'	6,843'
evaluate, and possibly produce it. O	fsetting well:	s encounter	ed no water flov	Graneros (bei	nt,mkr)		-818'		6,899'	6,899'
at this depth. See attached cross-se	etion.			Two Wells		#	-874'		6,955'	6,955'
The intermediate casing should be s	et 100 ft. into	the MENF	to minimize the	Paguate		#_	-955'		7,036'	7,036'
risks encountered drilling through the	e possibly wa	ater producti	ve CLFH.	Cubero		#	-1,012'		7,093'	7,093'
Please note the log interval exte	nds from TD	to 1200' (at	oove the Ojo	L. Cubero		#	-1,053'		7,134'	7,134'
A	lamo).			Encinal Cyn		#	-1,095'		7,176'	7,176'
				TOTAL DE	EPTH:		-1,134		7,215'	7,215'
				# Probable co	ompletion	interv	al		* Possi	ible Pay
SPECIAL TESTS					CUTTING					ING TIME
TYPE				FREQUENCY D		DEPTH	FREQU	JENCY	DEPTH	
None				30'/10' int	30'/10' intervals 4,456' to TD Geolograph 0			0 - TD		
REMARKS:				 		<u> </u>	L		<u>~</u>	
MUD PROGRAM:		' -	-	· · · · · · · · · · · · · · · · · · ·		****	72"			
Interval TypeMud	#/gal	Vis	s, sec/qt	/30 min			Othe	r Specific	ation	
200' Spud	8.8 - 9.0		nt to clean hole.							
4,456' Water/LSND	8.4 - 9.0	Gamoio		<9		Sween	hole while v	hilst water	drilling	, LCM onsite
7,215' Air	1	1000 c	fm for hammer	+		<u>-</u>	~~			d clean wellbore
7,210		10000	in for flaminor		100	-	motoric to the	All I day of	abio aii	
CASING PROGRAM.		Ciro	Cosing Sin-	Grada The	and 18/-	in h	l andi-	Doint I		Cement
		Size 13 1/2"	Casing Size	Grade, Thre	sau j W€	eight	Landing	POIIIL		Centient
CasingString Dep		1.5 1/2"		H-40 ST&C 32#						amt to audona
Surface/Conductor 20			9-5/8"			2#				cmt to surface
CasingStringDegSurface/Conductor20Intermediate0' - 4	000'	8-3/4"	7"	J/K-55 ST8	&C 2	2# !0#	46014			
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000'	000' 4456'	8-3/4" 8 3/4"	7"	J/K-55 ST8	&C 2	2# 0# 3#	100' below			cmt to surface
CasingStringDegSurface/Conductor20Intermediate0' - 4	000' 4456'	8-3/4"	7"	J/K-55 ST8	&C 2	2# !0#	100' belov DK0			cmt to surface inside Intermediate -
CasingString Dep Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2	000' 4456'	8-3/4" 8 3/4"	7"	J/K-55 ST8	&C 2	2# 0# 3#				
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM:	000' 4456'	8-3/4" 8 3/4"	7"	J/K-55 ST8	&C 2	2# 0# 3#				cmt to surface inside Intermediate -
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None	000' 4456'	8-3/4" 8 3/4"	7"	J/K-55 ST8	&C 2	2# 0# 3#				cmt to surface inside Intermediate
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM:	000' 4456' 15'	8-3/4" 8 3/4" 6-1/4"	7" 7" 4-1/2"	J/K-55 ST8	&C 2	2# 0# 3#				cmt to surface inside Intermediate
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy	000' 4456' 15'	8-3/4" 8 3/4" 6-1/4"	7" 7" 4-1/2"	J/K-55 ST8	&C 2	2# 0# 3#				cmt to surface inside Intermediate
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS:	000' 4456' 15' draulic Frac,	8-3/4" 8 3/4" 6-1/4"	7" 7" 4-1/2"	J/K-55 ST8 N-80 ST8 P-110	&C 2	2# 0# 3#				cmt to surface inside Intermediate
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS:	000' 4456' 15' draulic Frac,	8-3/4" 8 3/4" 6-1/4"	7" 7" 4-1/2"	J/K-55 ST8 N-80 ST8 P-110	&C 2	2# 0# 3#				cmt to surface inside Intermediate
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior t	000' 4456' 15' draulic Frac, o Spud, BOF	8-3/4" 8 3/4" 6-1/4"	7" 7" 4-1/2"	J/K-55 ST8 N-80 ST8 P-110	&C 2	2# 0# 3#				cmt to surface inside Intermediate
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior to 18 BOP Pressure Testing Requirement	000' 4456' 15' draulic Frac, o Spud, BOF	8-3/4" 8 3/4" 6-1/4" FMC Unified	7" 7" 4-1/2"	J/K-55 ST8 N-80 ST8 P-110	8C 2 8C 2 5 11	2# 0# 3#	DK	DT	TC	cmt to surface inside Intermediate
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior to the surface of the sur	000' 4456' 15' draulic Frac, o Spud, BOF	8-3/4" 8 3/4" 6-1/4" FMC Unified	7" 4-1/2" ead d Casing and C	J/K-55 ST8 N-80 ST8 P-10 ementing.	8C 2 8C 2 5 11	2# 0# 3#	DK	OT	TC	cmt to surface inside Intermediate C survey required
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior t BOP Pressure Testing Requirement Formation Cliffhouse 4	draulic Frac, o Spud, BOF	8-3/4" 8 3/4" 6-1/4" FMC Unified	7" 4-1/2" ead d Casing and C	J/K-55 ST8 N-80 ST8 P-10 ementing.	8C 2 8C 2 5 11	2# 0# 3#	DKG	OT	TC	cmt to surface inside Intermediate C survey required
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior t BOP Pressure Testing Requirement Formation Cliffhouse 4	draulic Frac, o Spud, BOF nts Depth 4,116'	8-3/4" 8 3/4" 6-1/4" FMC Unified	7" 4-1/2" 4-1/2" add Casing and C	PATO PATO PATO PATO PATO PATO PATO PATO	8C 2 8C 2 5 11	2# 0# 3#	DKG	OT	Surface	cmt to surface inside Intermediate C survey required
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CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior to the second programme formation Cliffhouse Apoint Lookout Application Cliffhouse Applied to the second pakota Requested BOP Pressure	draulic Frac, o Spud, BOF nts Depth 4,116' 4,876' 5,955' Test Excepti	8-3/4" 8 3/4" 6-1/4" FMC Unified P testing, an	7" 4-1/2" ead d Casing and C ticipated botto 50 60 266	PATO PATO PATO PATO PATO PATO PATO PATO	&C 2 &C 2	2# :0# :3# :.6#	Max ar	oticipated s	surface 0 0 69.9	cmt to surface inside Intermediate C survey required a pressure**
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CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy. GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior to the second processory of the second processor of the second p	draulic Frac, o Spud, BOF nts Depth 4,116' 4,876' 5,955' Test Excepti	8-3/4" 8 3/4" 6-1/4" FMC Unified P testing, an	ad Casing and Coticipated botto ticipated botto 50 266 si ** Note the content of the content	ementing. m hole pressu 0 0 Note: Determin	RC 2 RC 2 RC 11	2# :0# :3# :.6#	Max ar	oticipated s	surface 0 0 69.9	cmt to surface inside Intermediate C survey required e pressure**
CasingString Deg Surface/Conductor 20 Intermediate 0' - 4 Intermediate 4000' - Production 7,2 CORING PROGRAM: None COMPLETION PROGRAM: Rigless, 2-3 Stage Limited Entry Hy GENERAL REMARKS: Notify BLM/NMOCD 24 hours prior t BOP Pressure Testing Requirement Formation Cliffhouse 4 Point Lookout 4	draulic Frac, o Spud, BOF nts Depth 4,116' 4,876' 5,955' Test Exceptic	8-3/4" 8 3/4" 6-1/4" FMC Unified P testing, an An on = 1500 p	7" 4-1/2" 4-1/2" ead d Casing and C ticipated botto 50 60 26 si	ementing. m hole pressu 0 0 Note: Determin	are	2# :0# :3# :.6#	Max ar	nticipated s	surface 0 0 69.9	cmt to surface inside Intermediate DC survey required e pressure**

Cementing Program

Well Name:

Schoen LS #2N

Location:

27-30N-10W: 705' FSL, 1820' FWL

County: State:

San Juan New Mexico Well Flac

Formation:

Blanco Mesaverde/Basin Dakota

KB Elev (est) GL Elev. (est) 6081 6067

Casing Program	m:					
Casing String	Est. Depth	Hole Size	Casing Size	Thread	TOC	
	(ft.)	(in.)	(in.)		(ft.)	•
Surface	200	13.5	9.625	ST&C	Surface	
Intermediate	4456	8.75	7	ST&C	Surface	
Production -	7215	6.25	4.5	ST&C	4306	
Casing Proper	ties:	(No Safety	Factor Included)			
Casing String	Size	Weight	Grade	Burst	Collapse	
	(in.)	(lb/ft)		(psi.)	(psi.)	
Surface	9.62	5 3	2 H-40	2270)	1400
Intermediate		7 2	0 K-55	3740)	2270
Intermediate		7 2	3 N80	6340)	3830
Production -	4.	5 11.	6 J-55	5350)	4960
Mud Program					-	
Apx. Interval	Mud Type	Mud Weigh	t	Recomm	ended Mud	Properties Prio Cementing:
(ft.)			•	PV	<20	
()				ΥP	<10	
0 - SCP	Water/Spud	8.6-9	2	Fluid Los		
SCP - ICP	Water/LSND	8.6-9	.2			
ICP - ICP2	Gas/Air Mist	N	A			
ICP2 - TD	LSND	8.6 - 9				

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 minmize drillout.

Surface:

Preflush 20 bbl. FreshWater

Slurry 1 154 sx Class C Cement

TOC@Surface + 2% CaCl2 (accelerator)

0.4887 cuft/ft OH

195 cuft

Slurry Properties:

Density (lb/gal)

Yield (ft3/sk)

Water (gal/sk)

Slurry 1

15.2

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

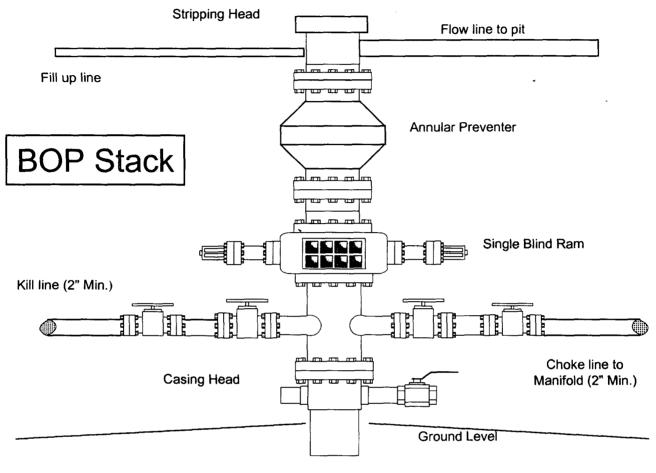
Cementing Program

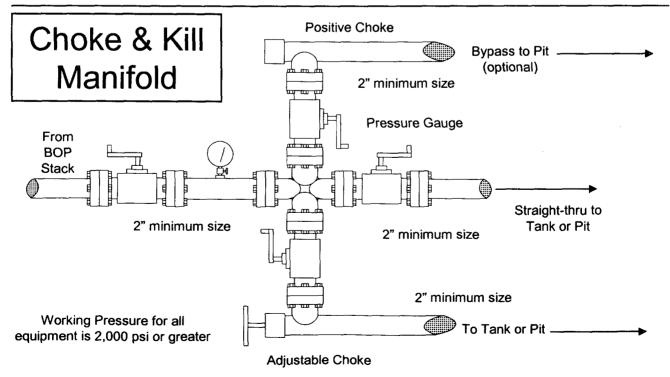
			·		
	Fresh Water	20 bbl	fresh water		
	Lead		389 sx Class "G" Cen	ment	1023 cuft
	Slurry 1		+ 3% D79 extend		
	TOC@Surface		+1/4 #/sk. Cellop		
	.00@00		+ 5 lb/sk Gilsonite		
			· 5 lo/sk Olisonik	C	
	Tail		59 sx 50/50 Class "0	G"/Poz	75 cuft
	Slurry 2		+ 2% gel (extend		70,001
) ft fill	+1/4 #/sk. Cellop	•	0.1503 cuft/ft OH
	300) IC BII	+ 2% CaCl2 (acc		0.1746 cuft/ft csg ann
			+ 5 lb/sk Gilsonit		0.1140 Cultit Cog allit
Slurry Propertie	c:	Donoitu	Yield	e Water	
Siurry Propertie	5.	Density			
Charact 4		(lb/gal)	(ft3/sk)	(gal/sk)	
Slurry 1		11.4	2.63	15.8	
Slurry 2		13.5	1.27	5.72	
0	•	7# AD ATAA			
Casing Equipme	ent:	7", 8R, ST&C			
		1 Float Shoe (autofill with			
		1 Float Collar (autofill with	h minimal LCM in mud)		
		1 Stop Ring			
		Centralizers as needed			
		1 Top Rubber Plug			
		1 Thread Lock Compoun	d		
Production:					
	Fresh Water	10 bbl	CW100		
	Lead		97 LiteCrete D961 /	D124 / D154	246 cuft
	Slurry 1		+ 0.03 gps D47 a	antifoam	
	TOC, 400' above	e 7" shoe	+ 0.5% D112 flui	id loss	
	·		+ 0.11% D65 TIC	2	
			0.1176	-	
	Tail		150 sx 50/50 Class "0	G"/Poz	216 cuft
	Slurry 2				210 Cuit
	-	- n n	+ 5% D20 gel (e:	·	
	150:	5 ft fill	+ 0.1% D 46 antif	toam	
			+ 1/4 #/sk. Cello	phane Flake	
			+ 1/4 #/sk. Cello + 0.25% D167 F	•	
			•	luid Loss	
			+ 0.25% D167 F	luid Loss te	
			+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta	luid Loss te arder	
			+ 0.25% D167 F + 5 lb/sk Gilsonit	luid Loss te arder	0.1026 cuft/ft OH
Slurry Propertie	e.	Density	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis	luid Loss de arder spersant	0.1026 cuft/ft OH
Slurry Propertie	s:	Density (In (as))	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis	luid Loss le arder spersant Water	
	s:	(lb/gal)	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk)	luid Loss le arder spersant Water (gal/sk)	0.1026 cuft/ft OH 0.1169 cuft/ft csg ann
Slurry 1	s:	(lb/gal) 9.5	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52	luid Loss le arder spersant Water (gal/sk) 6.38	0.1169 cuft/ft csg ann
	S:	(lb/gal)	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk)	luid Loss le arder spersant Water (gal/sk)	0.1169 cuft/ft csg ann Top of Mancos
Slurry 1	S :	(lb/gal) 9.5	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52	luid Loss le arder spersant Water (gal/sk) 6.38	0.1169 cuft/ft csg ann
Slurry 1		(lb/gal) 9.5	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52	luid Loss le arder spersant Water (gal/sk) 6.38	0.1169 cuft/ft csg ann Top of Mancos
Slurry 1 Slurry 2		(lb/gal) 9.5 13	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52 1.44	luid Loss le arder spersant Water (gal/sk) 6.38	0.1169 cuft/ft csg ann Top of Mancos
Slurry 1 Slurry 2		(lb/gal) 9.5 13 4-1/2", 8R, ST&C 1 Float Shoe (autofill with	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52 1.44	luid Loss te ander spersant Water (gal/sk) 6.38 6.5	0.1169 cuft/ft csg ann Top of Mancos
Slurry 1 Slurry 2		(lb/gal) 9.5 13 4-1/2", 8R, ST&C 1 Float Shoe (autofill with 1 Float Collar (autofill with	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52 1.44	luid Loss te ander spersant Water (gal/sk) 6.38 6.5	0.1169 cuft/ft csg ann Top of Mancos
Slurry 1 Slurry 2		(lb/gal) 9.5 13 4-1/2", 8R, ST&C 1 Float Shoe (autofill with Float Collar (autofill with 1 Stop Ring	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52 1.44	luid Loss te ander spersant Water (gal/sk) 6.38 6.5	0.1169 cuft/ft csg ann Top of Mancos
Slurry 1 Slurry 2		(lb/gal) 9.5 13 4-1/2", 8R, ST&C 1 Float Shoe (autofill with 1 Float Collar (autofill with 1 Stop Ring Centralizers, as needed	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52 1.44	luid Loss te ander spersant Water (gal/sk) 6.38 6.5	0.1169 cuft/ft csg ann Top of Mancos
Slurry 1 Slurry 2		(lb/gal) 9.5 13 4-1/2", 8R, ST&C 1 Float Shoe (autofill with Float Collar (autofill with 1 Stop Ring	+ 0.25% D167 F + 5 lb/sk Gilsonit +0.1% d800, reta +0.15% D65, dis Yield (ft3/sk) 2.52 1.44 In minimal LCM in mud) In minimal LCM in mud)	luid Loss te ander spersant Water (gal/sk) 6.38 6.5	0.1169 cuft/ft csg ann Top of Mancos

BP American Production Company

Well Control Equipment Schematic







Additional Operator Remarks Schoen LS 2N APD

NOTICE OF STAKING WAS SUBMITTED ON 08/07/06

BP America Production Company respectfully requests permission to drill the subject well to a total depth of approximately 7215' MD. 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 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 +/- 2000 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