BP AMERICA PRODUCTION COMPANY 9. Phone No. (include area cock) 10. Field and Pool, or Exploratory Area BASIN DAKOTA & BLANCO MESAVERDE Ye Do BOX 3092 HOUSTON, TX 77253 281-366-0481 10. Field and Pool, or Exploratory Area BASIN DAKOTA & BLANCO MESAVERDE 10. Field and Pool, or Exploratory Area BASIN DAKOTA & BLANCO MESAVERDE 11. County or Parish, State 1095' FNL & 880' FWL; SEC 27 T30N R10W 11. County or Parish, State 1095' FNL & 880' FWL; SEC 27 T30N R10W 11. County or Parish, State 1095' FNL & 880' FWL; SEC 27 T30N R10W 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Acidize Deepen Notice of Intent Acidize Deepen Atter Casing Fracture Treat Recomplete Water shut-Off Casing Repair New Construction Recomplete Change Subsequent Report Change Plans Plug Back - 3. Describ Proposed or Complete Operation (Clearly state all periment details, including estimated starting date of any proposed work and approximate dumation thereof. If the proposal is to deepen directionally or recomplete herizontally, give subsurface locations and measured and tree vertical depths of all periment meters and zones. Attach the Bood under which the work will be periformed or provide the Bood No. on file with BLM/BIA. Required subsurface and zone. Attach	Form 3160-5 (August 1999)		RCVD APR26'07 DIL CONS. DIV.
SUNDER VOTICES AND REPORTS ON WELLS De not use this form for propagation to fill or to re-reare an Automation with the form 31:00-31 (2010) for use hy propagation. 5. Lease Nortal No. 100 (2010) SUBMIT IN TRIPLICATE - Other instructions on reverse side 7. If Using Charles and No. 210 FARMINETON NM 1. Type of Well 0 one 9. API Well No. 30. Address 8. Well No. 30. Address 1. Type of Well 0 one 2. Name of Operator PP AMERICA PRODUCTION COMPANY 9. API Well No. 30. 445:34150 3. Address 10. Field and Pool, or Exploratory Area BASIN DAKOTA & BLANCO MESANERDE 4. Location of Well (Pontage, Sec. T. R. M. or Survey Description) 11. County or Parish, State SAN JUAN, NM 12. CHECK APPROPENATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA Water shur-Off 13. Operator PO BOX NOP2. HOUSTON, TX 772:31 281-366-d481 14. Location of Well (Pontage, Sec. T. R. M. or Survey Description) 13. CHECK APPROPENATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION 12. CHECK APPROPENATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION Casing Repair New Construction 8. Subsequent Report Casing Repair New Construction 9. Subsequent Report Plug and Abandon Water shur-Off 11. Chan		EPARTMENT OF THE INTERIOR	FORM APPROVE DIST. 3 OMB No. 1004-0135 Expires November 30, 2000
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Conditions of approval stany, are attached. Approval of this notice does not warrant or	ed by Mayne touncen	eT.EN. Date 7	12410
Certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	ns of approval prany, are attached. Approval of this notice does not warrant or that the applicant holds legal or equitable title to those rights in the	FFO	

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.



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30-04	c 3404	50	BP AME	RICA PRO	DUCTION	COMF	PANY		
20000			DRILLI	NG AND CO	MPLETION P	ROGR	AM		
					23/2006-044	7-06			
	Schoen LS	nu Moules		me & No. Scho				Blanco Mesave	rde/Basin Dakota
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at this depth. S	ee attached o	ross-section.	· · · · ···		Two Wells		· · · · · · · · · · · · · · · · · · ·	7,11	
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					TOTAL DEPTI		-1,145	7,36	2' 7,362'
· - . · · . · · · · ·	·····				# Probable comp				ossible Pay
SPECIAL TEST	s			··	DRILL CUT				
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MUD PROGRA	M:	<u></u>							
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MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingSt	TypeMud Spud Water/LSN Air RAM: ring	8.8 - 9.0 D 8.4 - 9.0 1 Depth	Sufficie 1000 c Size	nt to clean hole. fm for hammer Casing Size	<9 Grade, Thread	Volume Weigt	ep hole while sufficient to m	whilst water drill aintain a stable	ing, LCM onsite and clean wellbore Cement
MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc	TypeMud Spud Water/LSN Air RAM: ring	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200'	Sufficie 1000 c Size 13 1/2"	nt to clean hole. fm for hammer Casing Size 9-5/8"	<9 Grade, Thread H-40 ST&C	Volume Weigh 32#	ep hole while sufficient to m	whilst water drill aintain a stable	ing, LCM onsite and clean wellbore Cement cmt to surface
MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate	TypeMud Spud Water/LSN Air RAM: ring	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021"	Sufficie 1000 c Size 13 1/2" 8-3/4"	nt to clean hole. fm for hammer Casing Size 9-5/8" 7"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface
MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc	TypeMud Spud Water/LSN Air RAM: ring	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200'	Sufficie 1000 c Size 13 1/2"	nt to clean hole. fm for hammer Casing Size 9-5/8"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110	Volume Weigh 32#	ep hole while sufficient to m	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production	TypeMud Spud Water/LSN Air RAM: ring ctor	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021"	Sufficie 1000 c Size 13 1/2" 8-3/4"	nt to clean hole. fm for hammer Casing Size 9-5/8" 7"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface
MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production	TypeMud Spud Water/LSN Air RAM: ring ctor	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021"	Sufficie 1000 c Size 13 1/2" 8-3/4"	nt to clean hole. fm for hammer Casing Size 9-5/8" 7"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None	TypeMud Spud Water/LSN Air RAM: ring tor	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021"	Sufficie 1000 c Size 13 1/2" 8-3/4"	nt to clean hole. fm for hammer Casing Size 9-5/8" 7"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRAM Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduction Intermediate Production CORING PROG None COMPLETION	TypeMud Spud Water/LSN Air RAM: tor BRAM: PROGRAM:	8.8 - 9.0 D 8.4 - 9.0 1 200' 3.021' 7,362'	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4"	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRAI Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta	TypeMud Spud Water/LSN Air RAM: ring stor sRAM: PROGRAM: ge Limited Er	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021"	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4"	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRAI Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM	TypeMud Spud Water/LSN Air RAM: ring stor sRAM: PROGRAM: ge Limited Er IARKS:	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 3.021'' 7,362' htty Hydraulic Fra	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110 J - J - J J	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRA Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC	TypeMud Spud Water/LSN Air RAM: ring tor sRAM: pROGRAM: ge Limited Er IARKS: DCD 24 hours	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 3.021' 7,362' ntry Hydraulic Frances prior to Spud, Bo	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2"	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110 J - J - J J	Volume Weigh 32# 20#	ep hole while sufficient to m nt Landin	whilst water drill aintain a stable g Point	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRAM Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC	TypeMud Spud Water/LSN Air RAM: ring tor iRAM: ge Limited Er IARKS: DCD 24 hours Testing Requ	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 3.021'' 7,362' httry Hydraulic Frances prior to Spud, Boundary irrements	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe DP testing, an	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2" ead	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-1+0 J'S J'S G'S S	Volume Weigh 32# 20#	tep hole while sufficient to m	vhilst water drill aintain a stable g Point OT 15	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate TOC survey required
MUD PROGRAI Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC BOP Pressure Formati	TypeMud Spud Water/LSN Air RAM: rring stor iRAM: pROGRAM: ge Limited Er IARKS: DCD 24 hours Testing Requision	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021'' 7,362' ntry Hydraulic France prior to Spud, Bog sprior to Sprior to S	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe DP testing, an	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2" ead d Casing and Ca ticipated bottor	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110 J-55 J-55 Stepheneting.	Volume Weigh 32# 20#	tep hole while sufficient to m	vhilst water drill aintain a stable g Point OT 15	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate
MUD PROGRAM Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduct Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC BOP Pressure Formati Cliffhou	TypeMud Spud Water/LSN Air RAM: ring tor iRAM: PROGRAM: ge Limited Er IARKS: DCD 24 hours Testing Required ion	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 3.021'' 7.362' http: Hydraulic Fra- prior to Spud, Bo uirements Depth 4,251'	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe DP testing, an	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2" ead d Casing and Ce ticipated bottor 500	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-110 J-JJ S-JJ ementing.	Volume Weigh 32# 20#	tep hole while sufficient to m	vhilst water drill aintain a stable g Point OT 15 OT 15	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate TOC survey required
MUD PROGRAM Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduction Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC BOP Pressure Formati Cliffhou Point Loo	TypeMud Spud Water/LSN Air RAM: ring tor iRAM: PROGRAM: ge Limited Er IARKS: DCD 24 hours Testing Required ion	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021'' 7,362' r,362' prior to Spud, Bd irrements Depth 4,251' 5,045'	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe DP testing, an	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2" ead d Casing and Ce ticipated bottor 500 600	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-1+0 T-55 T-55 Grade, Thread	Volume Weigh 32# 20#	tep hole while sufficient to m	vhilst water drill aintain a stable g Point OT 15 OT 15 <u>oticipated surf</u> 0 0	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate TOC survey required /
MUD PROGRAM Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC BOP Pressure Formati Cliffhou Point Loo Dakot	TypeMud Spud Water/LSN Air RAM: ring tor iRAM: ge Limited Er MARKS: DCD 24 hours Testing Required ion ise	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53,021'' 7,362' ntry Hydraulic France prior to Spud, Boundary sprior to Spud,	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe OP testing, an An	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2" ead d Casing and Ce ticipated bottor 500 600 260	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-1+0 J-J-J-J J-J-J-J menting.	Volume Weigt 32# 20# 11.6#	hep hole while is sufficient to minimize the minimized strain of the minimized	vhilst water drill aintain a stable g Point OT 15 OT 15 nticipated surf 0 0 1035.36	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate TOC survey required /
MUD PROGRAM Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC BOP Pressure Formati Cliffhou Point Loo Dakot	TypeMud Spud Water/LSN Air RAM: rring tor iRAM: ge Limited Er IARKS: DCD 24 hours Testing Requision ise skout a sted BOP Pres	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021'' 7.362' arrements Depth 4.251' 5.045' 7.112' assure Test Excer	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unihe DP testing, an An An DD testing = 1500 p	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2" ead d Casing and Cas	<9 Grade, Thread H-40 ST&C J/K-55 ST&C P-1+0 J-J-J-J J-J-J-J menting.	Volume Weigt 32# 20# 11.6#	hep hole while is sufficient to minimize the minimized strain of the minimized	vhilst water drill aintain a stable g Point OT 15 OT 15 nticipated surf 0 0 1035.36	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface 50' inside Intermediate TOC survey required /
MUD PROGRAM Interval 200' 3,021' 7,362' CASING PROG CasingStr Surface/Conduc Intermediate Production CORING PROG None COMPLETION Rigless, 2-3 Sta GENERAL REM Notify BLM/NMC BOP Pressure Formati Cliffhou Point Loo Dakot Reque Form 46 Review	TypeMud Spud Water/LSN Air RAM: rring stor sRAM: PROGRAM: ge Limited Er MARKS: DCD 24 hours Testing Requision use skout a sted BOP Pre-	8.8 - 9.0 D 8.4 - 9.0 1 Depth 200' 53.021'' 7.362' arrements Depth 4.251' 5.045' 7.112' assure Test Excer	Sufficie 1000 c Size 13 1/2" 8-3/4" 6-1/4" c, FMC Unite DP testing, an An DD testing, an DD testing, an An DD testing and DD testing and DD testing and DD testing and An DD testing and DD testing and An DD testing and An An DD testing and An An An An An An An An An An	nt to clean hole. fm for hammer Casing Size 9-5/8" 7" 4-1/2" ead d Casing and Co ticipated bottor 500 600 260 vsi '' N viewed by:	Grade, Thread H-40 ST&C J/K-55 ST&C P-110 J/K-55 ST&C P-110 J/K-55 ST&C P-110 J/K	Volume Weigt 20# 11.6#	hep hole while is sufficient to m t Landin DK Max an following form	vhilst water drill aintain a stable g Point OT 15 OT 15 OT 0 0 0 1035.32 JIa: ABHP - (.2	ing, LCM onsite and clean wellbore Cement cmt to surface cmt to surface cot to surface 50' inside Intermediate TOC survey required / ace pressure**
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30-045-34050

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Well Name:	Schoen LS #2E					
Location:	27-30N-10W:	1095 FNL 88	0' FWL			
County:	San Juan				Well Flac	
State:	New Mexico				Formation:	Blanco Mesaverde/Basin Dakota
					KB Elev (est)	6217 6203
Casing Program	<u></u> _				GL Elev. (est)	6203
Casing Program	Est. Depth	Hole Size	Casing Size	Thread	тос	
	(ft.)	(in.)	(in.)		(ft.)	
Surface	200	13.5	9.625	ST&C	Surface	
Intermediate	53021>	8.75	7	ST&C	Surface	
Production -	7362	6,25	4.5	ST&C	2871	
Casing Proper	ties:	(No Safety F	actor included)			
Casing String	Size	Weight	Grade	Burst	Collapse	
	(in.)	(lb/ft)		(psi.)	(psi.)	
Surface	9.62	25 32	. H-40	2270	140	0
Intermediate		7 20	K-55	3740	227	0
Intermediate		7 23	N80	6340	383	0 v
Production -	4	.5 11.6	i J-55	5350	496	0
Mud Program	Adual Turne	Adved SAfetimba			Andad Mud Droa	artias Priz Compating
Apx. Interval	Mud Type	Mud Weight		<u>Recomini</u> PV		erties Prio Cementing:
(ft.)				YP	<20 <10	
0 - SCP	Water/Spud	8.6-9.2		Fluid Los		
SCP - ICP	Water/LSND	8.6-9.2		FILIQ LOS	: ~15	
ICP - ICP2	Gas/Air Mist	0.0-9.2 NA				
ICP2 - TD	LSND	8.6 - 9.2				
Cementing Prog			-			
			Surface		Intermediate	Production
Excess %, Lead	t		100		75	40
Excess %, Tail			NA		0	40
BHST (est deg.	F)		75		120	183
Special Instructi	ions		1,6,7		1,6,8	2,4,6
	1. Do not wash	pumps and line	S.			
	2. Wash pump:	s and lines.				
	3. Reverse out					
	4. Run Blend T	est on Cement				
			Density on 3.5"	disk		
	5. Record Rate	Pressure, and	Density on 3.5" ressurized mud			
	5. Record Rate 6. Confirm den:	, Pressure, and sitometer with p	-	scales		

Notes:

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

Surface:					
	Preflush	20 bbl.	FreshWater		
	Siurry 1	154 sx Class	C Cement		195 cuft
	TOC@Surface	+ 2% Ca(CI2 (accelerator)		
			-		0.4887 cuft/ft OH
Slurry Propertie	es:	Density	Yield	Water	
		(lb/gal)	(ft3/sk)	(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 Autofili insert float val			
		Centralizers, as needed	, 		
		1 Stop Ring			
		1 Thread Lock Compou	nd		

Cementing Program

Intermediate:					
	Fresh Water	20 bbi	fresh water		
	Lead		245 sx Class "G" Cer	ment	645 cuft
	Slurry 1		+ 3% D79 extende	er	
	TOC@Surface		+1/4 #/sk. Celloph	nane Flake	
	-		+ 5 lb/sk Gilsonite		
	Tail		59 sx 50/50 Class "G	"/Poz	75 cuft
	Slurry 2		+ 2% gel (extende		
		D ft fill	+1/4 #/sk. Cellopt		0.1503 cuft/ft OH
			+ 2% CaCl2 (acce		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	t:	7", 8R, ST&C	1.21	0.72	
		1 Float Shoe (autofill wit	h minimal LCM in mud)		
		1 Float Collar (autofill wi			
		1 Stop Ring			
		Centralizers as needed			
		1 Top Rubber Plug			
		1 Thread Lock Compour	nd		
		Thread Lock Compour			
Production:				<u>_</u>	
	Fresh Water	10 bbl	CW100		
	Lead		190 LiteCrete D961 /	D124 / D154	478 cuft
	Slurry 1		+ 0.03 gps D47 a	ntifoam	
	TOC, 400' abov	e 7" shoe	+ 0.5% D112 fluid		
	100,400 0000	g , anyg	+ 0.11% D65 TIC		
	Tail		147 sx 50/50 Class "G	₩/Poz	211 cuft
					211 600
	Slurry 2		+ 5% D20 gel (ex		
	146	9 ft fill	+ 0.1% D46 antife	Dam	
			+ 1/4 #/sk. Cellop	hane Flake	
			+ 0.25% D167 Fl	uid Loss	
			+ 5 lb/sk Gilsonite	e	
			+0.1% d800, reta	rder	
			+0.15% D65, disp		
					0.1026 cuft/ft OH
Slurey Proportion		Dessity	Viold	Water	C. TOLD CONTRACT
Slurry Properties:		Density	Yield		0.1160
		(lb/gal)	(ft3/sk)	(gal/sk)	0.1169 cuft/ft csg and
Slurry 1		9.5	2.52	6.38	
Slurry 2		13	1.44	6.5	Top of Mancos 5393
Casing Equipment	t:	4-1/2", 8R, ST&C			
- • •		1 Float Shoe (autofill wit	h minimal LCM in mud)		
		1 Float Collar (autofill w			
		1 Stop Ring			
		Centralizers, as needed			
		Centralizers, as needed 1 Top Rubber Plug			

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