Form 3160-5 (April2004)

UNITEDSTATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORMAPPROVED OM B No. 1004-0137 Expires: March 31, 2007

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If Indian,	Allottee	or Tribe	Name
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SUBMIT IN TRI	PLICATE - Other instructions	on rev	erse side.	7. If Unit	or CA/Agreen 78413Δ	ent, Nam	e and/or No.
1. Type of Well Oil Well	☑ Gas Well ☐ Other				me and No.		
2. Name of Operator					an 28-7 Un	it #55B	
ConocoPhillips Co.				9. API We			
3a. Address			ude area code)	30-039-			
P.O. Box 2197, WL3-608	c., T., R., M., or Survey Description))486-2	2403		nd Pool, or Ex Mesaverde		Area
Sec12 T28N R7W SESW			Ì		y or Parish, St		
				Rio Arri NM			
12. CHECK AF	PPROPRIATE BOX(ES)TO INDICATI	E NATI	JRE OF NOTICE, RE	PORT, OI	R OTHER D	ATA	
TYPE OF SUBMISSION		T	YPEOF ACTION				
——————————————————————————————————————	Acidize Deepen		Production (Star	rt/Resume)	Water S	hut-Off	
Notice of Intent	☐ AlterCasing ☐ Fracture		Reclamation		Well Into	-	
X Subsequent Report	Casing Repair New Cor				X Other Ca	asing S	<u>et</u>
Final Abandonment Notice	Change Plans Plug and Convert to Injection Plug Bac		Temporarily Aba	indon			
following completion of the inv testing has been completed. Fin determined that the site is ready ConocoPhillips set casing	g on this well as per attached W	ultiple co or all requiell Sch	mpletion or recompletion in irements, including reclam	n a new interv	val, a Form 316	0.4 shall be open and the open	e filed once erator has
 I hereby certify that the foregen Name (Printed/Typed) 	oing is true and correct	1					
Christina Gustartis		Title	Regulatory Spec	ialist			
Signature Change	Justantia	Date	02/03/2006				
	THIS SPACE FOR FEDERAL	OR	STATE OFFICE U	JSE			
Anneward by			Tide		ACCE	TED FO	PR RECORD
Approved by Conditions of approval if any are a	ttached. Approval of this notice does not war		Title	<u>_</u>	Date		
certify that the applicant holds legal which would entitle the applicant t	or equitable title to those rights in the subject o conduct operations thereon.	lease	Office			EB 08	
Title 18 U.S.C. Section 1001 and Title States any false, fictitious or fraudu	e 43 U.S.C. Section 1212, make it a crime for a alent statements or representations as to any	ny person matter v	n knowingly and willfully to within its jurisdiction.	o make to any	department or	agency	he United

END OF WELL SCHEMATIC

	ian Juan 28-7 #55B			Patterson Rig:	#749
	0-039-29415 15' FSL & 2355' FWL			Spud: Spud Time:	20-Jan-06 1:00
	15' FSL & 2355' FWL Sec. 12 - T28N - R7W	11" 3M x 7 1/16	6" 5M Tubing Head	•	
_	Rio Arriba County, NM		3M Casing Spool	Release Drl Rig:	
Elevation: 6	653' GL (above MSL)	9-5/8" 8 RD x 1	1" 3M Casing Head	Release Time:	0:00
	3' above Ground Level			Sface Comont	
Datum: ບ	Orl Rig RKB = 13' above GL	X New		SurfaceCement Date cmt'd: 2	20-Jan-06
Surface Casing	Date set: 20-Jan-06			Lead: 150 sx Class G Cement	
Surrace Casing Size	9 5/8 in			+ 3% S001 Calcium Chloride	
Set at	234 ft #Jnts: 5			+ 0.25 lb/sx D029 Cellophane	Flakes
Wt.	32.3 ppf Grade H-40	•		1.16 cuft/sx, 174.0 cuft slurry	
Hole Size				Displacement: 15.0	bbls fresh wtr
Excess Cmt _	125 %			Bumped Plug at:	
T.O.C. <u>5</u>		Shoe <u>234</u> ft] []	Final Circ Press: 60	
	TD of 12-1/4	" hole <u>245</u> ft		Returns during job:	
N. 05		45 1 00)bbls
	ed BLM @ 11:25 hrs on			W.O.C. for 6.00 hrs (plug bun	
Notified in	IMOCD @ 11:30 hrs on	15-Jan-06		W.O.C. for <u>6.00</u> hrs (plug bun	
				W.O.C. 10110.00_1113 (piug sui	np to test cay)
Intermediate Cas	sing Date set: 23-Jan-06	XNew		Intermediate Cement	
		jts Used			23-Jan-06
Set at _		pups		Lead: 339 sx Class G Cemen	
Wt.				+ 0.25 lb/sx D029 Cellophane	
Hole Size	 '' 			+ 3% D079 Extender	
Excess Cmt		t Collar 3698 ft		+ 0.20% D046 Antifoam	
-		g Shoe 3744 ft			
Pup@.	ft TD of 8-3/4	4" Hole 3755 ft		+ 10.00 lb/sx Phenoseal	
Pup @	ft			2.72 cuft/sx, 920.8 cuft slurry	at 11.7 ppg
				Tail: did not pump	
				see comments below	 _
	~ 	21-Jan-06			
Notified N	NMOCD @ 20:25 hrs on	21-Jan-06_		Squeeze Cement:	
	4 Davi				25-Jan-06
	4 Реп	forations @ 3510'		Lead : 500 sx Class G Cemer	
			1 11	+ 0.25 lb/sx D029 Cellophan	e Flakes
	Intermed			+ 3% D079 Extender + 0.20% D046 Antifoam	
	Hitelinows	late TOC @ 3671'			-144.7 nna
				2.60 cuft/sx, 920.8 cuft slurry	
			•	Tail 400 ov Class G Came	^+
			1 1	Tail: 100 sx Class G Cemer + 0.15% D065 Dispersant	
				+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss	
				+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss	
				+ 0.15% D065 Dispersant	
				+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss	
				+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam	
Production Cas				+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurg	
Size	4 1/2 in 141	_jtsUsed		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurg Production Cement Date cmt'd:	y at 15.8 ppg 28-Jan-06
Size Set at	4 1/2 in 141 5939 ft 0	itsUsed _pups		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl	y at 15.8 ppg 28-Jan-06 ass G Cement
Size Set at Wt.	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55	itsUsed pups 		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement	y at 15.8 ppg 28-Jan-06 ass G Cement
Size Set at Wt. Hole Size	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC	itsUsed pups 		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite	y at 15.8 ppg 28-Jan-06 ass G Cement e Flakes
Size Set at Wt. Hole Size Excess Cmt	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float	jts Used pups at Collar 5937 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6	y at 15.8 ppg 28-Jan-06 ass G Cement e Flakes
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est)	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casir	jts Used pups at Collar 5937 ft pg Shoe 5939 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6 + 0.25% D167 Fluid Loss	y at 15.8 ppg 28-Jan-06 ass G Cement e Flakes
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casin 5244 ft TD of 8-3/	jts Used pups at Collar 5937 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6 + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant	y at 15.8 ppg 28-Jan-06 ass G Cement le Flakes
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casir 5244 ft TD of 8-3/ ft	jts Used pups at Collar 5937 ft pg Shoe 5939 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6 + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder	y at 15.8 ppg 28-Jan-06 ass G Cement le Flakes
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casir 5244 ft TD of 8-3/ ft ft ft ft	jts Used pups at Collar 5937 ft pg Shoe 5939 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite le + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam	y at 15.8 ppg 28-Jan-06 ass G Cement e Flakes
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casir 5244 ft TD of 8-3/ ft ft ft ft	jts Used pups at Collar 5937 ft pg Shoe 5939 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurry Production Cement	y at 15.8 ppg 28-Jan-06 ass G Cement te Flakes Extender
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casir 5244 ft TD of 8-3/ ft ft ft ft	jts Used pups at Collar 5937 ft ng Shoe 5939 ft /4" Hole 5941 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite le + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn	y at 15.8 ppg 28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft ft ft ft ft	jts Used pups at Collar 5937 ft ft ft Hole 5941 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite le + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement:	y at 15.8 ppg 28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 95 bbls
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casir 5244 ft TD of 8-3/ ft ft ft ft	jts Used pups at Collar 5937 ft ft ft Hole 5941 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite (+ 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: 9 Bumped Plug: 14	y at 15.8 ppg 28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 95 bbls
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft ft ft ft ft	jts Used pups at Collar 5937 ft ft ft Hole 5941 ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite (+ 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: 9 Bumped Plug: 14 Final Circ Press:	28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 95 bbls :00 hrs w/ 850 psi
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casin 5244 ft TD of 8-3/ ft	jtsUsedpupsat Collar5937_ftsssssss		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite le + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Sempled Plug: 14 Final Circ Press: Returns during job:	28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 35 bbls :00 hrs w/ 850 psi None Planned
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Marker Jt @	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft fied BLM @ hrs on NMOCD @ hrs on	jtsUsedpupsat Collar5937 _ftftftft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite f + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Sempled Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface:	y at 15.8 ppg 28-Jan-06 ass G Cement ie Flakes Extender y at 13.0 ppg 35 bbls :00 hrs w/ 850 psi None Planned None Planned
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Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft fied BLM @ hrs on NMOCD @ hrs on	jts Used pups at Collar 5937 ft pups	le: 5941 ft	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement	28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 95 bbls :00 hrs w/ 850 psi None Planned None Planned YesNo
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Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Marker Jt @ Notified	4 1/2 in	jtsUsedpups at Collar5937 _ft		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite l + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drilli 30-January-2006	28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 95 bbls :00 hrs w/ 850 psi None Planned None Planned YesNo
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified	4 1/2 in	jtsUsedpupsat Collar5937 _ftssssss		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite l + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drilli 30-January-2006	28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 95 bbls :00 hrs w/ 850 psi None Planned None Planned YesNo
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified	4 1/2 in	jtsUsedpupsat Collar5937 _ftssssss		+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite l + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drilli 30-January-2006	28-Jan-06 ass G Cement e Flakes Extender y at 13.0 ppg 95 bbls :00 hrs w/ 850 psi None Planned None Planned YesNo
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft ft NMOCD @ hrs on No float equipment was run. Re Displaced top wiper plug with was CENTRALIZERS @ 224', 147',	jtsUsedpupsat Collar5937 _fts Shoe5939 _fts fts ft	OC before backing	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite l + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drilli 30-January-2006	y at 15.8 ppg 28-Jan-06 ass G Cement le Flakes Extender y at 13.0 ppg 95 bbls 100 hrs w/ 850 psi None Planned None Planned YesNo ing Engineer
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Floa 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft ft ft Top of Floa Bottom of Casin CENTRALIZERS @ 224', 147',	jtsUsed	OC before backing	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite l + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drilli 30-January-2006	y at 15.8 ppg 28-Jan-06 ass G Cement le Flakes Extender y at 13.0 ppg 95 bbls 100 hrs w/ 850 psi None Planned None Planned YesNo ing Engineer Total: 4 Total: 9
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified COMMENTS: 9-5/8" Surf:	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft ft NMOCD @ hrs on No float equipment was run. Re Displaced top wiper plug with was CENTRALIZERS @ 224', 147',	jtsUsed	OC before backing	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ : Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite l + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drilli 30-January-2006	y at 15.8 ppg 28-Jan-06 ass G Cement le Flakes Extender y at 13.0 ppg 95 bbls 100 hrs w/ 850 psi None Planned None Planned YesNo ing Engineer Total: 4
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casir 5244 ft TD of 8-3/ ft ft ft ft ft Top of Float Bottom of Casir CENTRALIZERS @ 224', 147', CENTRALIZERS @ 3734', 3656 TURBOLIZERS @ 2712', 2669' Pump 339 sx of lead cement an	jtsUsedpups	OC before backing ', 104', 61'.	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite f + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Sumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drillid 30-January-2006 out landing jt.	y at 15.8 ppg 28-Jan-06 ass G Cement be Flakes Extender y at 13.0 ppg 25 bbls 200 hrs w/ 850 psi None Planned None Planned Yes No ing Engineer Total: 4 Total: 9 Total: 5
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified COMMENTS: 9-5/8" Surf:	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft ft Top of Float Bottom of Casin NMOCD @ hrs on NMOCD @ hrs on CENTRALIZERS @ 2712', 2669' Pump 339 sx of lead cement an CBL. TOC @ 3671'. Shot perfs	jtsUsed	OC before backing ', 104', 61'. Down job with 12-14	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6 + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drillid 30-January-2006 out landing jt.	28-Jan-06 ass G Cement te Flakes Extender y at 13.0 ppg 35 bbls :00 hrs w/ 850 psi None Planned None Planned Yes No ting Engineer Total: 4 Total: 9 Total: 5 out cement and ran to Planned foo ev
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified COMMENTS: 9-5/8" Surf:	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft Top of Float Bottom of Casin NMOCD @ hrs on NMOCD @ hrs on CENTRALIZERS @ 2712', 2669' Pump 339 sx of lead cement an CBL. TOC @ 3671'. Shot perfector of lead cement & 100 sx of tail of	jts Used pups at Collar 5937 ft g Shoe 5939 ft de Segueration of the	OC before backing ', 104', 61'. Down job with 12-14	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6 + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drillid 30-January-2006 out landing jt.	28-Jan-06 ass G Cement te Flakes Extender y at 13.0 ppg 35 bbls :00 hrs w/ 850 psi None Planned None Planned Yes No ting Engineer Total: 4 Total: 9 Total: 5 out cement and ran to Planned foo ev
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified COMMENTS: 9-5/8" Surf: 7" Intermediate Notes:	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft ft Top of Float Bottom of Casin NMOCD @ hrs on NMOCD @ hrs on CENTRALIZERS @ 2712', 2669' Pump 339 sx of lead cement an CBL. TOC @ 3671'. Shot perfs	jts Used pups at Collar 5937 ft g Shoe 5939 ft de Segueration of the	OC before backing ', 104', 61'. Down job with 12-14	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6 + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drillid 30-January-2006 out landing jt.	28-Jan-06 ass G Cement te Flakes Extender y at 13.0 ppg 35 bbls :00 hrs w/ 850 psi None Planned None Planned Yes No ting Engineer Total: 4 Total: 9 Total: 5 out cement and ran to Planned foo ev
Size Set at Wt. Hole Size Excess Cmt T.O.C. (est) Marker Jt @ Marker Jt @ Marker Jt @ Notified Notified COMMENTS: 9-5/8" Surf:	4 1/2 in 141 5939 ft 0 10.5 ppf Grade J-55 6 1/4 in Conn STC 50 % Top of Float 3544 Bottom of Casin 5244 ft TD of 8-3/ ft ft ft ft Top of Float Bottom of Casin NMOCD @ hrs on NMOCD @ hrs on CENTRALIZERS @ 2712', 2669' Pump 339 sx of lead cement an CBL. TOC @ 3671'. Shot perfector of lead cement & 100 sx of tail of	jts Used pups at Collar 5937 ft g Shoe 5939 ft de Segueration of the	OC before backing ', 104', 61'. Down job with 12-14	+ 0.15% D065 Dispersant + 0.25% D167 Fluid Loss + 0.10% D046 Antifoam 1.17 cuft/sx, 117.0 cuft slurn Production Cement Date cmt'd: Cement: 260 sx 50/50 POZ: Cl + 0.25 lb/sx D029 Cellophan + 3% D020 Bentonite + 1.00 lb/sx D024 Gilsonite 6 + 0.25% D167 Fluid Loss + 0.15% D065 Dispersant + 0.10% D800 Retarder + 0.10% D800 Retarder + 0.10% D046 Antifoam + 3.5 lb/sx Phenoseal 1.45 cuft/sx, 377.0 cuft slurn Displacement: Selumped Plug: 14 Final Circ Press: Returns during job: CMT Returns to surface: Floats Held: X Schematic prepared by: Michael P. Neuschafer, Drillid 30-January-2006 out landing jt.	28-Jan-06 ass G Cement ie Flakes Extender y at 13.0 ppg 35 bbls :00 hrs w/ 850 psi None Planned None Planned Yes No ing Engineer Total: 4 Total: 9 Total: 5 out cement and ran