

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 15-MAY-13	F.R. # 1001987734	SERV. SUPV. STEVEN S ISCHE	
LEASE & WELL NAME WILDHORSE #04-0424H - API 05123348960000		LOCATION 4-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Cade 21		TYPE OF JOB Intermediate	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS	MD TVD HANGER TYPES MD TVD
7" Top Cem Plug, Nitrile cvr, Phen		Float Shoe 7 - 8rd		NONE	0 0 NONE 0 0
		Float Collar, Al Flap, 7 - 8rd			
		Centralizer, with Pins, 7 in			
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES	
				SACKS OF CEMENT	SLURRY WGT PPG
				SLURRY YLD FT ³	WATER GPS
				PUMP TIME HR:MIN	Bbl SLURRY
					Bbl MIX WATER
Ultra Flush II Spacer		N/A		0	10.5
(35:65) Poz:G+LW6+.1%R3+1.2%FL25+.5%SMS+5%		C05-016-13		0	2.64
Fresh Water		N/A		0	8.86
(35:65) Poz:G+LW6+1.2%FL25+.5%SMS+20%SS+5%		C05-016-13		0	00:00
				103	10.5
				3.12	10.49
				05:29	59
Available Mix Water 400 Bbl.		Available Displ. Fluid 400 Bbl.		TOTAL 519 105.09	
HOLE		TBG-CSG-D.P.			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.
8.75	35	6589	6.184	7	29
		CSG			
		6762 6542 P-110			
		6762 6720			
		0			
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	
ID	OD	WGT.	TYPE	MD	TVD
8.9	9.63	36	CSG	1500	1500
		NO PACKER		0 0 0	
				7 8RD	
				WATER BASED	
				9.8	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
245	BBLs	Fresh Water	8.34	453	0
				0 0 0	
				0 7968 3461	
				FRAC TANK	
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 9.8 LBS/GAL			Mud Density Out: 9.8 LBS/GAL		
PV & YP Mud In: 12			PV & YP Mud Out: 12		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			Solids Present at End of Circulation: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		
Displacement And Mud Removal					
Displaced By: Rig <input type="checkbox"/> BJ <input checked="" type="checkbox"/>			Amount Bled Back After Job: 3 BBLs		
Returns During Job: <input type="checkbox"/> NONE <input type="checkbox"/> PARTIAL <input checked="" type="checkbox"/> FULL			Method Used to Verify Returns: VISUAL		
Cement Returns at Surface: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			Were Returns Planned at Surface: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES		
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			Quantity: 20		
			Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD					
Plugs					
Number of Attempts by BJ: 0			Competition: 0		
Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity:		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Top of Plug: 0 FT		
			Bottom of Plug: 0 FT		
Squeezes (Update Original Treatment Report for Primary Job)					
BLOCK SQUEEZE <input type="checkbox"/>			SHOE SQUEEZE <input type="checkbox"/>		
TOP OF LINER SQUEEZE <input type="checkbox"/>			PLANNED <input type="checkbox"/> UNPLANNED <input type="checkbox"/>		
Liner Packer: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Bond Log: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
			PSI Applied: 0		
			Fluid Weight: 0 LBS/GAL		
Casing Test (Update Original Treatment Report for Primary Job)					
Casing Test Pressure: 2005 PSI			With 8.34 LBS/GAL Mud		
			Time Held: 00 Hours 15 Minutes		
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE					

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Shoe Test (Update Original Treatment Report for Primary Job)

Depth Drilled out of Shoe: 0 FT Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL
 Number of Times Tests Conducted: 0 Mud Weight When Test was Conducted: 0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)
 NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)
 NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)
 NONE

PRESSURE/RATE DETAIL						EXPLANATION	
TIME HR:MIN.	PRESSURE - PSI		RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW <input checked="" type="checkbox"/> CO. REP. <input checked="" type="checkbox"/>	
	PIPE	ANNULUS				TEST LINES 4461 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
10:00	0	0	0	0	N/A	YARD CALL	
12:00	0	0	0	0	N/A	LEAVE YARD HAD TO WAIT FOR BULK TRUCKS TO GET LOADED	
14:34	0	0	0	0	N/A	ARRIVE AT LOCATION	
14:45	0	0	0	0	N/A	SPOT TRUCKS	
14:55	0	0	0	0	N/A	PRE RIG UP SAFTY MEETING	
15:20	0	0	0	0	N/A	SAFTY MEETING WITH CREW	
16:00	153	0	.8	2	H2O	LOAD LINES	
16:06	4451	0	0	0	H2O	PRESSURE TEST	
16:09	545	0	6	40	H2O	PRE FLUSH (SHUT DOWN 16:12 16:18 TO MIX 20BBLs OF PRE FLUSH	
16:30	557	0	4.8	175	CEMENT	BATCH UP, WHEIGH AND SEND LEED CEMENT	
17:14	352	0	4.8	59	CEMENT	TAIL CEMENT	
17:32	0	0	0	0	N/A	DROP PLUG	
17:38	965	0	4.4	230	WATER B/	DISPLACEMENT	
18:25	647	0	2	15	WATER B/	RATE CHANGE	
18:35	1795	0	0	0	WATER B/	BUMP PLUG	
18:37	0	0	0	0	N/A	TEST FLOATS 2 BBLs BACK	
18:42	2005	0	0	0	H2O	CASING TEST	
18:57	0	0	0	0	N/A	END CASING TEST AND RIG DOWN SAFTY MEETING	
19:45	0	0	0	0	N/A	LEAVE LOCATION	
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:
<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1795	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	28	410	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	



**BAKER
HUGHES**

WELL NAME WILDHORSE #04-0424H

JOB DATE MAY-15-2013

FIELD RECEIPT NO 1001987734

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COMMENTS: NONE

DATE _____


SERVICE SUPERVISOR

DATE MAY-15-2013

DATE _____

OPERATIONS SUPERVISOR

CUSTOMER SIGNATURE