

CEMENT JOB REPORT



CUSTOMER WHITING PETROLEUM CORP		DATE 28-JUL-13	F.R.# 10011004055	SERV. SUPV. CALEB C KINGSLEY								
LEASE & WELL NAME WILDHORSE #18-1834H - API 05123361230000		LOCATION 18-9N-59W		COUNTY-PARISH-BLOCK Weld Colorado								
DISTRICT Brighton		DRILLING CONTRACTOR RIG # CADE 23		TYPE OF JOB Surface								
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD	TVD	HANGER TYPES		MD	TVD	
9-5/8" Top Cem Plug, Nitrile cvr, Phr		Centralizer, with Pins, 9-5/8 in		none		0	0	none		0	0	
		Cement Basket, Slip On, 9-5/8 in		none		0	0	none		0	0	
		Float Collar, Auto Fill, 9-5/8 - 8rd		none		0	0	none		0	0	
		Guide Shoe, Cement Nose, 9-5/8 i										
PHYSICAL SLURRY PROPERTIES												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER		
Fresh water		0		0	8.34	0	0	00:00	20			
Typelll+1%CaCl+.25CF		0		860	14.5	1.40	6.81	01:30	214.70	139.39		
Fresh water		0		0	8.34	0	0	00:00	139.5			
Available Mix Water 400 Bbl.		Available Displ. Fluid 200 Bbl.		TOTAL				374.20	139.39			
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
13.5	0	1866	8.921	9.625	36	CSG	1851	1851	J-55	1851	1805	0
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID		
ID	OD	WGT	TYPE	MD	TVD	BRAND & TYPE	DEPTH TOP	BTM	SIZE	THREAD	TYPE	WGT.
						no paker or cement retainer	0		9.625	8RND	FRESH WATER	8.4
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		MIX WATER	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.	SQ. PSI	RATED	Operator	RATED	Operator		
139.5	BBLS	Fresh water	8.34	571	0	0	0	0	3520	2816	FRAC TANK	
Circulation Prior to Job												
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1.5				Circulation Rate: 5 BPM				
Mud Density In: 8.4 LBS/GAL				Mud Density Out: 8.4 LBS/GAL				PV & YP Mud In: 0		PV & YP Mud Out: 0		
Gas Present: NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>				Units:				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: 1 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"/> RECIPROICATION <input checked="" type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE												
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 12				Type: <input checked="" 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:				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: 1500 PSI				With 8.4 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	3452 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
00:40	0	0	0	0	NA	LEAVE THE DISTRICT	
02:35	0	0	0	0	NA	ARRIVE TO LOCATION	
05:45	0	0	0	0	NA	SPOT TRUCKS	
06:35	0	0	0	0	NA	SAFETY MEETING	
07:14	3452	0	.4	1	H2O	PRESSURE TEST	
07:20	137	0	6	10	H2O	FRESH WATER SPACER	
07:23	127	0	6	10	H2O	FRESH WATER SPACER WITH GREEN DYE	
07:25	0	0	0	0	NA	SHUT DOWN	
07:29	165	165	4.8	210	CMT	LEAD CMT BATCHED AND PUMPED AT 14.5 PPG	
08:13	0	0	0	0	NA	SHUT DOWN AND CLEAN UP THE PUMP	
08:17	0	0	0	0	NA	DROP PLUG	
08:27	216	0	4.8	80	H2O	START DISPLACEMENT WITH KONE WATER	
08:44	577	0	3.6	30	H2O	DROP RATE	
08:53	758	0	3.6	0	H2O	CMT TO SURFACE WITH 100 BBL OF DISPLACEMENT PUMPED. 40 BBL OF CMT TO SURFACE.	
08:55	706	0	2.4	30	H2O	DROP RATE	
09:08	977	0	2.4	0	H2O	FINAL LIFT	
09:08	1456	0	2.4	0	H2O	BUMP PLUG	
09:10	1420	0	0	0	H2O	BLEED OFF AND THE FLOATS DID HOLD	
09:16	1565	0	1	1	H2O	START 15 MIN. CASING TEST	
09:32	1550	0	0	0	H2O	BLEED OFF CASING TEST AND THE FLOATS DID HOLD	
09:35	0	0	0	0	NA	RIG DOWN	
10:15	0	0	0	0	NA	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 type="checkbox"/> Y <input type="checkbox"/> N	977	<input type="checkbox"/> Y <input type="checkbox"/> N	40	370	0	<input type="checkbox"/> Y <input type="checkbox"/> N	<i>C. Uracy</i>