

CEMENT JOB REPORT



CUSTOMER SYNERGY RESOURCES COR		DATE 17-JUN-14	F.R. # 10011076413		SERV. SUPV. FELIPE LANDA									
LEASE & WELL NAME HAWKSTONE #29-30DD - API 05123390480000		LOCATION 29-7N-65W		COUNTY-PARISH-BLOCK Weld Colorado										
DISTRICT Brighton		DRILLING CONTRACTOR RIG # KDC 2		TYPE OF JOB Long String										
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		MECHANICAL BARRIERS		MD TVD HANGER TYPES MD TVD								
Cement Plug, Rubber, Top 4-1/2 in		Centralizer, with Pins, 4-1/2 in												
		Float Collar, Al Flap, 4-1/2 - 8rd												
		Float Shoe 4-1/2 - 8rd												
MATERIALS FURNISHED BY BJ		LAB REPORT NO.		PHYSICAL SLURRY PROPERTIES										
				SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER				
Tail Cement				260	13.5	1.71	8.29	03:00	79.1	51.15				
Treated Water					8.34				119.5					
Lead Cement				720	12.5	1.89	10.36	03:00	242.3	177.61				
Fresh Water					8.34				20					
Mud Clean II					8.34				20					
Fresh Water					8.34				20					
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL			500.9	228.77						
HOLE			TBG-CSG-D.P.						COLLAR DEPTHS					
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE		
7.875	34	7725	4	4.5	11.6	CSG	7714		N-80	7714	7690	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.
8.1	8.63	24	CSG	651	651	NO PACKER		0	0	0	4.5	8RD	WATER BASED	9.4
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				
119.5	BBLS	Treated Water	8.34	1761	0	0	0	0	7780	6224	TANK			
Circulation Prior to Job														
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 2				Circulation Rate: 4.7 BPM						
Mud Density In: 9.4 LBS/GAL				Mud Density Out: 9.4 LBS/GAL				PV & YP Mud In: 18			PV & YP Mud Out: 18			
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 type="checkbox"/> YES <input checked="" type="checkbox"/> NO				Were Returns Planned at Surface: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES										
Pipe Movement: <input type="checkbox"/> ROTATION <input type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE														
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES				Quantity: 24				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:				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: 0 PSI				With 0 LBS/GAL Mud				Time Held: 00 Hours 00 Minutes						

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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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: 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	4580 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
18:12	0	0	0	0	NA	ARRIVE ON LOCATION	
19:45	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP SAFETY MEETING	
20:28	0	0	0	0	NA	SAFETY MEETING	
20:47	100	0	.8	1	H2O	LOAD LINES	
20:52	1439	0	0	0	H2O	LOW PRESSURE TEST	
20:55	4580	0	0	0	H2O	HIGH PRESSURE TEST	
21:01	472	0	5.6	20	H2O	FRESH WATER	
21:06	499	0	5.6	20	H2O	MUD CLEAN II	
21:10	489	0	5.6	20	H2O	FRESH WATER	
21:15	419	0	5.6	242	LEAD	720 SACKS OF PREMIUM LITE + 0.25 lbs/sack CELLO FLAKE + 0.4% FL-52 + 0.01 gps FP-6L + 3% BENTONITE @ 12.5 PPG	
22:13	91	0	3.8	79	TAIL	260 SACKS OF 50:50 (FLY ASH) CLASS "G" CEMENT + 0.4% FL-52 + 0.01 gps FP-6L + 3% BENTONITE + 0.1% SODIUM METASILICATE + 20% SILICA FLOUR @ 13.5 PPG	
22:52	0	0	0	0	NA	DROP PLUG	
22:53	726	0	6.5	50	H2O	DISPLACE	
23:03	1398	0	4.1	50	H2O	RATE CHANGE	
23:15	1720	0	3.6	19	H2O	RATE CHANGE	
23:21	2103	0	3.6	0	H2O	BUMP PLUG @ 119 BBLs (35 bbls spacer to surface)	
23:26	0	0	0	0	H2O	CHECK FLOATS	
23:40	0	0	0	0	NA	POST JOB RIG DOWN SAFETY MEETING	

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	2103	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	0	500	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	