



01633903

CEMENT JOB Summary

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COGCC

CUSTOMER Petroleum Development Corp O		DATE 13-OCT-10	F.R. # 1001701962	SERV. SUPV. JOHN R WUDARCZYK	
LEASE & WELL NAME ANDERSON DON INC #1-10 - API 05123112650000		LOCATION 10-6N-66W		COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton		DRILLING CONTRACTOR RIG # Workover		TYPE OF JOB Long String	
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE		PHYSICAL SLURRY PROPERTIES	
		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS
					PUMP TIME HR:MIN
					Bbl SLURRY
					Bbl MIX WATER
MATERIALS FURNISHED BY BJ					
Fresh Water		0	8.34	0	00:00
50:50 Poz:G + Adds		150	13.8	1.36	03:00
Fresh Water		0	8.34	0	00:00
Premium Lite Cement + Adds		165	11	3.22	03:00
Fresh Water		0	8.34	0	00:00
Premium Lite + Adds		165	11	3.22	03:00
Fresh Water		0	8.34	0	00:00
Premium Lite + Adds		165	11	3.22	03:00
Fresh Water		0	8.34	0	00:00
Premium Lite + Adds		175	11	3.22	03:00
Available Mix Water 500 Bbl.		Available Displ. Fluid 500 Bbl.		TOTAL 452.44 340.74	
HOLE		TBG-CSG-D.P.			COLLAR DEPTHS
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH
9		5565	4.5	11.6	5565
LAST CASING		PKR-CMT RET-BR PL-LINER		PERF. DEPTH	TOP CONN
SIZE	WGT	TYPE	DEPTH	TOP	BTM
8.625	24	CSG	330	0	0
BRAND & TYPE		NO PACKER		WELL FLUID	
2.375 BRND		WATER BASED MU		WGT. 8.4	
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	
VOLUME	UOM	TYPE	WGT.	BUMP PLUG	TO REV.
8	BBLs	Fresh Water	8.34	0	0
		Fresh Water	8.34		
				OP. MAX	MAX TBG PSI
				SQ. PSI	RATED
				Operator	MAX CSG PSI
					Operator
					MIX WATER
					TANK
Circulation Prior to Job					
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			Circulation Time: 1		
Mud Density In: 8.4 LBS/GAL			Mud Density Out: 8.4 LBS/GAL		
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: 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 checked="" type="checkbox"/> RECIPROCATION <input type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE					
Centralizers: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Quantity: Type: <input type="checkbox"/> BOW <input type="checkbox"/> RIGID		
Job Pumped Through: <input type="checkbox"/> CHOKE MANIFOLD <input type="checkbox"/> SQUEEZE MANIFOLD <input type="checkbox"/> MANIFOLD <input checked="" type="checkbox"/> NO MANIFOLD					
Plugs					
Number of Attempts by BJ: 0			Competition: 0		
Plug Catcher Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Wiper Balls Used: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		
Was There a Bottom: <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES			Parabow Used: <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"/>	
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	
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE					

CEMENT JOB REPORT



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

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)
 DURING 2ND STAGE OF CEMENTING, 11# CEMENT HAD TO SHUT DOWN AND BATCH UP SEVERAL TIMES TO MAINTAIN DENSITY. BULK DELIVERY ISSUES, FIXED PROBLEM AND HAD NO OTHER ISSUES WITH THE REST OF JOB.

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 5706 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
09:45	0	0	0	0	0	PRE RIG UP SAFETY MEETING			
10:30	0	0	0	0	0	PRE JOB MEETING			
10:40	1213	0	0	0	H2O	LOW PRESSURE TEST			
10:41	5706	0	0	0	H2O	HIGH PRESSURE TEST			
10:43	2100	0	1.4	10	H2O	FRESH WATER SPACER			
10:55	2288	0	1.3	30	CMT	BATCH UP AND PUMP 150 sks POZ + .25% R3; .4% FL52; 3% Bentonite			
11:27	1436	0	1.1	8	H2O	DISPLACE			
11:34	0	0	0	0	0	SHUT DOWN RIG PULLING TUBING			
11:48	1855	0	1.5	95	CMT	BATCH UP AND PUMP 165 SKS PLC + 4% Bentonite; .6% Sodium Metasilicate; 8 lbs/sk CSE2			
13:23	2401	0	1.5	6	H2O	DISPLACE			
13:30	0	0	0	0	0	SHUT DOWN RIG PULLING TUBING			
13:51	2192	0	1.6	94	CMT	BATCH UP AND PUMP 165 sks PLC + 4% Bentonite; .6% Sodium Metasilicate; 8 lbs/sk CSE2			
14:45	1816	0	1.4	4.5	H2O	DISPLACE			
14:48	0	0	0	0	0	SHUT DOWN RIG PULLING TUBING			
15:09	2405	0	2	94	CMT	BATCH UP AND PUMP 165 SKS PLC + 4% Bentonite; .6% Sodium Metasilicate; 8 lbs/sk CSE2			
15:57	1955	0	1.7	2.5	H2O	DISPLACE			
15:59	0	0	0	0	0	SHUT DOWN RIG PULLING TUBING			
16:18	1320	0	1.8	81.5	CMT	BATCH UP AND PUMP 175 SKS PLC + 4% Bentonite; .6% Sodium Metasilicate; 8 lbs/sk CSE2			
17:03	0	0	0	0	0	SHUT DOWN / NO CEMENT RETURNS @ SURFACE			
BUMPED PLUG Y <input checked="" type="checkbox"/> N	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input checked="" type="checkbox"/> N	BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 425.5	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT Y <input checked="" type="checkbox"/> N	Service Supervisor Signature:		

[Signature]