

CEMENT JOB REPORT



CUSTOMER Petroleum Development Corpora		DATE 17-SEP-10	F.R. # 1001685892		SERV. SUPV. TIMOTHY L HAFER						
LEASE & WELL NAME PUCKETT #21B-24D - API 05045161080000		LOCATION 24-6S-97W			COUNTY-PARISH-BLOCK Garfield Colorado						
DISTRICT Grand Junction		DRILLING CONTRACTOR RIG #			TYPE OF JOB Surface						
SIZE & TYPE OF PLUGS		LIST-CSG-HARDWARE			PHYSICAL SLURRY PROPERTIES						
9-5/8" Top Cem Plug, Nitrile cvr, Phe		Float Collar, Auto Fill, 9-5/8 - 8rd			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Guide Shoe, Cement Nose, 9-5/8 i									
MATERIALS FURNISHED BY BJ											
fresh water						8.34					10
surfactant wash						8.34					20
Fresh Water						8.34					10
Premium Lite Cement					1,494	12.5	1.95	10.70		519.72	380.53
type III					170	14.2	1.47	7.35		30	20.05
Fresh Water						8.34					206
topout					846	14.2	1.47	7.35		226	151.07
Available Mix Water 900 Bbl.		Available Displ. Fluid 500 Bbl.					TOTAL			1021.72	551.65
HOLE			TBG-CSG-D.P.					COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE	
16	30	2615	9.625	36	CSG	2700	J-55	2600	2557		0
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID	
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE	DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
20	52.73		55	no packer	0	0	0	9.625	8RND	WATER BASED MU	8.5
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	
195	BBLS	Fresh Water	8.34	1136	0	0	0	0	3520	2816	upwright-rig tank
Circulation Prior to Job											
Circulated Well: Rig <input checked="" type="checkbox"/> BJ <input type="checkbox"/>				Circulation Time: 1				Circulation Rate: 7 BPM			
Mud Density In: 8.5 LBS/GAL				Mud Density Out: 8.5 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 checked="" type="checkbox"/> PARTIAL <input 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 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 checked="" type="checkbox"/> MANIFOLD <input type="checkbox"/> NO MANIFOLD											
Plugs											
Number of Attempts by BJ: 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: FT				Bottom of Plug: 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: Fluid Weight: LBS/GAL			
Casing Test (Update Original Treatment Report for Primary Job)											
Casing Test Pressure: PSI With LBS/GAL Mud Time Held: Hours Minutes											
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING:											

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Shoe Test (Update Original Treatment Report for Primary Job)

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

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

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	4500 PSI
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/>	BJ <input type="checkbox"/>
22:00						preconvoy meeting	
22:30						left yard	
00:00						arrive on location	
00:23						prerig up meeting rig iron	
03:19						prejob meeting	
03:00						stab head	
04:15						psi test to 4000	
04:16	3	0	3.5	10	H2O	down paracite line	
04:32	3	0	3.5	10	SPACER	fresh h2o	
04:36	21	0	4	20	SPACER	surfactant wash	
04:41	17	0	4	10	SPACER	fresh water	
04:45						batch up cement	
04:52	60	0	3.5	10	CMT	lead cement	
05:04	103	0	3.5	40	CMT	lead cement	
05:17	156	0	4	50	CMT	lead cement	
05:42	29	0	3	100	CMT	lead cement	
06:05	134	0	4.7	100	CMT	lead cement	
06:27	234	0	5	100	CMT	lead cement	
06:46	124	0	4	119	CMT	lead cement	
06:46	124	0	4	20	CMT	tail cement	
06:57	300	0	4	25	CMT	tail cement	
06:58						drop plug	
07:07						start displacement	
07:07	250	0	7	10	H2O	displacement	
07:13	279	0	7	40	H2O	displacement	
07:18	300	0	7	50	H2O	displacement	
07:25	221	0	5.46	50	H2O	displacement	
07:31	306	0	5.46	50	H2O	displacement	
07:33	232	0	3.06	10	H2O	displacement	
07:35	232	0	3.06	5	H2O	displacement	
07:35	1136					bump plug	
07:37						check floats	
07:38						1 BBL Back	
07:43	330	0	2	15	H2O	surger water down paracite line	
08:00						end mian job rig up for topout...	
08:30						crew off duty wait to topout	
11:21	24	0	2.8	78	CMT	crew on duty topout # 1	
11:51						end topout # 1	

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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 4500 PSI			
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>			
13:41	37	0	3	78	CMT	topout # 2			
14:06						end topout # 2			
16:02	51	0	3	69	CMT	topout # 3			
16:40						end topout # 3			
						cement to surface end job.. Thanks Tim and BJ crew...			
BUMPED PLUG <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		PSI TO BUMP PLUG 1136	TEST FLOAT EQUIP. <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		BBL.CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 1025	PSI LEFT ON CSG 0	SPOT TOP OUT CEMENT <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Service Supervisor Signature: