

CUSTOMER Colton Limited Liability			DATE 12-JUN-07		F.R. # 225133767		SERV. SUPV. Patrick L Martin			
LEASE & WELL NAME WERNING 1-3B - API 05123251300000			LOCATION SEC 3 - 4 N - 05 W			COUNTY-PARISH-BLOCK Weld Colorado				
DISTRICT Brighton			DRILLING CONTRACTOR RIG # MD-CONTINENT 1			TYPE OF JOB Surface				
SIZE & TYPE OF PLUGS			LIST CSG HARDWARE			PHYSICAL SLURRY PROPERTIES				
Cement Plug, Wooden, Bottom 8-5/8		Centralizer, with Fins, 8-5/8 In		SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT <sup>3</sup>	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
		Guide Shoe, Cement Nose, 8-5/8 In								
MATERIALS FURNISHED BY BJ										
Displacement					8.34				24.20	
Premium Lite Cement + additives 221				125	13	1.77	9.21	03:30	39.35	27.41
Fresh H2O 86					8.34				25	
Class "G" 307				75	15.8	1.16	5.01	01:30	15.55	8.94
Available Mix Water		Bbl.	Available Displ. Fluid		Bbl.	TOTAL		104.11	36.35	
HOLE			TBC-CSG-D.P.				COLLAR DEPTHS			
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
12.25	20	420	8.625	24	CSG	400		400	380	1
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		TOP	BTM	SIZE	THREAD	TYPE
						0	0			WATER BASED ML
DISPL. VOLUME		DISPL. FLUID		CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TSG PSI		MAX CSG PSI	
VOLUME	UDM	TYPE	WGT.	BUMP PLUG	TO REV.	8Q. PSI	RATED	Operator	RATED	Operator
25	BBLS	Displacement	8.34	0	0	0	0	0	2300	1000
										RIG
Circulation Prior to Job										
Circulated Well: RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>					Circulation Time:		Circulation Rate: 9 BPM			
Mud Density In: 9 LBS/GAL Mud Density Out: 9 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: 0 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 type="checkbox"/> NONE <input type="checkbox"/> UNABLE DUE TO STUCK PIPE										
Centralizers: <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES					Quantity: 9		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: 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					
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: N/A										

## CEMENT JOB REPORT



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

N/A

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

N/A

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

No Cement returns - Top Out 10 Ft.

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	2000 PSI
						CIRCULATING WELL - RIG	<input checked="" type="checkbox"/> BJ <input type="checkbox"/>
01:00	0	0	0	0	0	Arrive Loc.	
02:20	0	0	0	0	MUD	Rig St. Circulation	
03:15	0	0	0	0	0	Safety Meeting	
03:35	0	0	0	0	H2O	Pressure test lines	
03:45	100	0	5.2	25	H2O	St. Pre-flush	
03:55	160	0	5.4	36.9	CMT	St Lead 13#	
04:04	120	0	5.6	14.5	CMT	St Tail 15.8#	
04:12	0	0	0	0	0	Drop Plug	
04:15	170	0	5.7	25	H2O	St. Displacement	
04:20	140	0	0	0	0	Plug Down	
07:15	50	0	1.5	12	CMT	St Top Out (G Neat 15.8#)	
07:30	50	0	0	0	0	S/D - Top Out Successfull	
BUMPED PLUG Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	PSI TO BUMP PLUG 0	TEST FLOAT EQUIP. Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	BBL CMT RETURNS/ REVERSED 0	TOTAL BBL. PUMPED 119.4	PSI LEFT ON C&G 140	SPOT TOP OUT CEMENT <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Service Supervisor Signature: