

CEMENT JOB REPORT



CUSTOMER WHITING OIL & GAS CORP XN	DATE 06-FEB-14	F.R. # 10011045062	SERV. SUPV. ERIC S DEWIT
LEASE & WELL NAME RAZOR #26K-3508B - API 05123378760000	LOCATION 26-10N-58W	COUNTY-PARISH-BLOCK Weld Colorado	
DISTRICT Brighton	DRILLING CONTRACTOR RIG # Frontier 26	TYPE OF JOB Surface	

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Top 9-5/8 in	Cement Basket, Slip On, 9-5/8 in						
	Centralizer, with Pins, 9-5/8 in						
	Float Collar, Auto Fill, 9-5/8 - 8rd						
	Float Shoe 9-5/8 - 8rd						

MATERIALS FURNISHED BY BJ		LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES						
			SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh water			0	8.34	0	0	00:00	15	
TypeIII+1%CaCl+.25CF			667	14.5	1.40	6.81	01:30	166.52	108.11
Drilling mud			0	8.6	0	0	00:00	112.87	
Available Mix Water 400 Bbl. Available Displ. Fluid 400 Bbl.			TOTAL			294.39 108.11			

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
13.5	25	1570	8.921	9.625	36	CSG	1558	1558	J-55	1570	1526	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 Packer		0			9.625	8RND	WATER BASED MU	8.6

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	
117.0	BBLS	Drilling mud	8.6	463	0	0	0	0	2600	2000	Frac tank

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 3780 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
20:45	0	0	0	0	N/A	Leave yard	
22:59	0	0	0	0	N/A	Arrive on location, Rig running casing, 120 miles	
01:00	0	0	0	0	N/A	Spot trucks, rig still running casing	
01:15	0	0	0	0	N/A	Pre rig up safety meeting	
05:45	0	0	0	0	N/A	Pre job safety meeting	
06:25	0	0	1.5	2	H2O	Load pumps and lines	
06:27	3275	0	0	0	H2O	Pressure test pumps and lines	
06:32	90	0	4.8	15	H2O	Fresh water spacer w/dye	
06:37	87	0	2.4	2	CMT	Batch, weigh, and pump cement @14.5 ppg	
07:06	0	0	0	0	N/A	Shut down, switch over to rig to circulate due to bulk delivery problems	
07:10	0	0	0	0	N/A	Call yard for a new bulk truck and 167 sacks of cement	
13:30	0	0	0	0	N/A	New bulk truck arrives to location	
13:45	0	0	0	0	N/A	Pre job safety meeting	
14:00	0	0	1.5	2	H2O	Load pumps and lines	
14:02	3780	0	0	0	H2O	Pressure test pumps and lines	
14:05	73	0	4.8	15	H2O	Fresh water spacer w/dye	
14:10	152	0	3.6	163	CMT	Batch, weigh, and pump cement @14.5 ppg	
15:09	0	0	0	0	N/A	Release plug	

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	PIPE	ANNULUS				TEST LINES 3780 PSI	
						CIRCULATING WELL - RIG <input checked="" type="checkbox"/> BJ <input type="checkbox"/>	
15:11	586	0	6.3	80	MUD	Displacement	
15:27	575	0	4.8	20	MUD	Drop rate	
15:30	0	0	0	0	N/A	Shut down so rig could swap tanks for cement returns	
15:32	491	0	2.4	17	MUD	Drop rate	
15:41	1270	0	0	0	MUD	Bump plug, check floats, floats held	
15:50	0	0	0	0	N/A	Pre rig down safety meeting	
17:00	0	0	0	0	N/A	Leave location	
19:30	0	0	0	0	N/A	Arrive back at yard	

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	463	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	40	316	0	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

