CEMENT JOB REPORT

BJ

CUSTOMER GREAT WESTERN OIL & GAS	DATE 18-OCT-11	F.R. # 1001861347	SERV. SUPV. LANCE N WEBB
LEASE & WELL NAME LIND #20-53 - API 05123290360000	LOCATION Sec 20 - 7N - 66W		COUNTY-PARISH-BLOCK Weld Colorado
DISTRICT Brighton	DRILLING CONTRACTOR RIG # Cade 22		TYPE OF JOB Long String

SIZE & TYPE OF PLUGS / LIST-CSG-HARDWARE / PHYSICAL SLURRY PROPERTIES

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Latch Down Plug & Assembly, 4-1/2	Centralizer, with Pins, 4-1/2 in							
	Float Collar, Auto Fill, 4-1/2 - 8rd							
MATERIALS FURNISHED BY BJ								
Fresh Water		0	8.34	0	0	00:00	20	
50:50 Poz + Additives		220	14.6	1.38	5.90	02:30	54	30.86
Claytreat Water		0	8.34	0	0	00:00	117.89	
Mud Clean II		0	8.5	0	0	00:00	20	
Fresh Water		0	8.34	0	0	00:00	20	
Premium Lite Cement + Additives		300	11	3.22	19.86	03:30	172	141.99

Available Mix Water __200__ Bbl.   Available Displ. Fluid __200__ Bbl.   **TOTAL** | 403.89 | 172.85

HOLE / TBG-CSG-D.P. / COLLAR DEPTHS

HOLE			TBG-CSG-D.P.					COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	GRADE	SHOE	FLOAT	STAGE
7.875	0	7625	4.5	11.6	CSG	7587	N-80	7587	7574	0

LAST CASING / PKR-CMT RET-BR PL-LINER / PERF. DEPTH / TOP CONN / WELL FLUID

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.
8.625	24	CSG	500	NO PACKER	0	0	0	4.5	8RD	WATER BASED MUD		9.2

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	
117.9	BBLS	Claytreat Water	8.34	1050	0	0	0	0	6224	4000	RIG

Circulation Prior to Job

Circulated Well: Rig [X]   BJ [ ]   Circulation Time: 2   Circulation Rate: 5 BPM

Mud Density In: 9.2 LBS/GAL   Mud Density Out: 9.2 LBS/GAL   PV & YP Mud In: 42   PV & YP Mud Out: 42

Gas Present: NO [ ]   YES [X]   Units: 0   Solids Present at End of Circulation: NO [X]   YES [ ]

Displacement And Mud Removal

Displaced By: Rig [ ]   BJ [X]   Amount Bled Back After Job: 1 BBLS

Returns During Job: [ ] NONE [ ] PARTIAL [X] FULL   Method Used to Verify Returns: VISUAL

Cement Returns at Surface: [ ] YES [X] NO   Were Returns Planned at Surface: [X] NO [ ] YES

Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [X] NONE [ ] UNABLE DUE TO STUCK PIPE

Centralizers: [ ] NO [X] YES   Quantity: 30   Type: [ ] BOW [ ] RIGID

Job Pumped Through: [ ] CHOKE MANIFOLD [ ] SQUEEZE MANIFOLD [X] MANIFOLD [ ] NO MANIFOLD

Plugs

Number of Attempts by BJ: 0   Competition: 0   Wiper Balls Used: [X] NO [ ] YES   Quantity:

Plug Catcher Used: [X] NO [ ] YES   Parabow Used: [X] NO [ ] YES

Was There a Bottom: [X] NO [ ] YES   Top of Plug: 0 FT   Bottom of Plug: 0 FT

Squeezes (Update Original Treatment Report for Primary Job)

BLOCK SQUEEZE [ ]   SHOE SQUEEZE [ ]   TOP OF LINER SQUEEZE [ ]   PLANNED [ ]   UNPLANNED [ ]

Liner Packer: [X] NO [ ] YES   Bond Log: [X] NO [ ] 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

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: NONE

PRESSURE/RATE DETAIL	EXPLANATION

CEMENT JOB REPORT

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

PRESSURE/RATE DETAIL — EXPLANATION

SAFETY MEETING: BJ CREW [X] CO. REP. [X]
TEST LINES   5000 PSI
CIRCULATING WELL - RIG [X]   BJ [ ]

TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
19:00	0	0	0	0	NA	SPOT TRUCKS
19:45	0	0	0	0	NA	PRE JOB SAFETY MEETING
20:19	2255	0	0	0	H2O	LOW PSI TEST
20:20	5072	0	0	0	H2O	HIGH PSI TEST
20:23	513	0	7	20	H2O	H2O SPACER
20:25	530	0	7	20	H2O	MUD CLEAN 1
20:27	572	0	7	20	H2O	H2O SPACER
20:31	641	0	7	173	CMT	BATCH/WEIGH/PUMP LEAD CMT @11PPG
21:00	172	0	6	51	CMT	BATCH/WEIGH/PUMP TAIL CMT @14.6PPG
21:21	0	0	0	0	H2O	SHUT DOWN DROP PLUG
21:27	135	0	7	0	H2O	DISPLACEMENT
21:39	280	0	5	80	H2O	CAUGHT CMT
21:45	888	0	3.5	108	H2O	SLOWED RATE
21:44	2440	0	0	118	H2O	BUMPED PLUG FLOAT HELD FINAL LIFT 1118PSI

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:
[Y] N	1050	[Y] N	0	404	0	Y [N]	