CEMENT JOB REPORT

CUSTOMER CARRIZO OIL & GAS INC XML	**DATE** 04-FEB-15	**F.R. #** 10011136855	**SERV. SUPV.** ERIC S DEWIT
LEASE & WELL NAME SHULL #8-25-9-60 - API 05123404960000	**LOCATION** 25-9N-60W		**COUNTY-PARISH-BLOCK** Weld Colorado
DISTRICT Brighton	**DRILLING CONTRACTOR RIG #** Xtreme Coil 19		**TYPE OF JOB** Long String

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
Cement Plug, Rubber, Bottom 4-1/2	Centralizer, with Pins, 4-1/2 in						
Cement Plug, Rubber, Top 4-1/2 in	Float Collar, Auto Fill, 4-1/2 - 8rd						
	Float Shoe 4-1/2 - 8rd						

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	PHYSICAL SLURRY PROPERTIES: SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
50:50 (Class G:Poz) + adds		67	13	1.76	8.87	04:39	21.00	14.15
Fresh Water		0	8.34	0	0		166.85	
Acid Sol. 50:50 (Poz:Class G)		276	14.5	1.87	7.96	00:48	91.88	52.32
SealBond		0	11	0	0		20	
						TOTAL	299.74	66.47

Available Mix Water 400 **Bbl.** **Available Displ. Fluid** 400 **Bbl.**

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
6.125	15	10807	4	4.5	11.6	CSG	10786	6200	N-80	10786	10695	

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.
6.4	7	23	CSG	6380	6200	No Packer	0	0	0	4.5	8RND	WATER BASED	9.6

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	
166.9	BBLS	Fresh Water	8.34	920	0	0	0	0			Rig Tank

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ] | Circulation Time: 2 | Circulation Rate: 4 BPM

Mud Density In: 9.6 LBS/GAL | Mud Density Out: 9.6 LBS/GAL | PV & YP Mud In: 15 | PV & YP Mud Out: 15

Gas Present: NO [X] YES [ ] Units: | 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: 76 | 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:

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

TIME HR:MIN.	PRESSURE - PSI PIPE	PRESSURE - PSI ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 4471 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
15:53	0	0	0	0	N/A	Leave yard
17:40	0	0	0	0	N/A	Arrive on location (81 Miles) Rig running casing
20:28	0	0	0	0	N/A	Spot trucks
20:36	0	0	0	0	N/A	Pre rig up safety meeting
21:32	0	0	0	0	N/A	Pre job safety meeting
22:25	411	0	2	2	H2O	Load pumps and lines
02:27	4471	0	0	0	H2O	Pressure test pumps and lines
22:36	514	0	3.4	19	BAR	Batch, weigh, and pump weighted spacer @11 ppg
22:48	540	0	4.8	20	CMT	Batch, weigh, and pump lead slurry @13 ppg
22:55	385	0	4.8	90	CMT	Batch, weigh, pump tail slurry @14.5 ppg
23:22	0	0	0	0	N/A	Release plug
23:44	1534	0	7.1	80	H2O	Displacement
23:55	1593	0	5.9	30	H2O	Drop rate
00:01	1542	0	4.7	40	H2O	Drop rate
00:09	1617	0	3.5	17	H2O	Drop rate
00:17	2004	0	0	0	H2O	Bump plug
00:21	0	0	0	0	N/A	Check floats/floats held
00:25	0	0	0	0	N/A	Pre rig down safety meeting
06:34	0	0	0	0	N/A	Leave location
09:30	0	0	0	0	N/A	Arrive back at the 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:
[Y] N	1617	[Y] N	0	298	0	Y [N]	