CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER	DATE	F.R. #	SERV. SUPV.
ELM RIDGE EXPLORATION CO	16-JUL-14	10011083393	Joseph Lyda

LEASE & WELL NAME	LOCATION	COUNTY-PARISH-BLOCK
IGE #129 - API 05067099080000	sec9 t33nr08w	La Plata Colorado

DISTRICT	DRILLING CONTRACTOR RIG #	TYPE OF JOB
Farmington	BEARCAT #1	Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
8-5/8" Top Cem Plug, Nitri cvr, Phen-	Float Collar, Auto Fill, 8-5/8 - 8rd						
	Float Shoe 8-5/8 - 8rd						

PHYSICAL SLURRY PROPERTIES

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Preflush Fresh Water			8.34				20	
Class G w/ Additives		370	15.8	1.17	5.00		77	44.11
Fresh Water			8.34				31	
						TOTAL	128	44.11

Available Mix Water 200 Bbl. Available Displ. Fluid 200 Bbl.

HOLE SIZE	% EXCESS	DEPTH	TBG-CSG-D.P. ID	OD	WGT.	TYPE	MD	TVD	GRADE	COLLAR DEPTHS SHOE	FLOAT	STAGE
12.25	76	536	8.097	8.625	24	CSG	536	536	J-55	536	492	

LAST CASING ID	OD	WGT	TYPE	MD	TVD	PKR-CMT RET-BR PL-LINER BRAND & TYPE	DEPTH	PERF. DEPTH TOP	BTM	TOP CONN SIZE	THREAD	WELL FLUID TYPE	WGT.
										8.625	8RD	WATER BASED MU	9

DISPL. VOLUME VOLUME	UOM	DISPL. FLUID TYPE	WGT.	CAL. PSI BUMP PLUG	CAL. MAX PSI TO REV.	OP. MAX SQ. PSI	MAX TBG PSI RATED	Operator	MAX CSG PSI RATED	Operator	MIX WATER
32.8	BBLS	Fresh Water	8.34	174	0	0	0	0	2950	2360	WATER TANK

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: RUNNING CASING

PRESSURE/RATE DETAIL TIME HR:MIN.	PRESSURE - PSI PIPE	ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID TYPE	EXPLANATION
						SAFETY MEETING: BJ CREW [X] CO. REP. [X]
						TEST LINES 1500 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
19:30						ARRIVE LOCATION
22:00						PRE SPOT/RIG UP MEETING
01:30						SAFETY MEETING
02:03	1500	0	0	0	H2O	PRESSURE TEST LINES 1500 PSI
02:08	80	0	4	0	H2O	START 20 BBL SPACER
02:13	0	0	0	20	CMT	S/D BATCH MIX
00:00	126	0	3.8	0	CMT	START 76 BBLS 15.8# CEMENT
02:36	0	0	0	76	CMT	S/D DROP PLUG
02:38	65	0	3	0	H2O	START 32 BBLS DISPLACMENT
02:39	122	0	3	32	H2O	CEMENT RETUERNS
02:50	220	0	0	0	H2O	PLUG DOWN
02:55	0	0	0	0	H2O	CHECK FLOAT BBL BACK
03:00	0	0	0	0	H2O	RIG DOWN WASH UP

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	220	[Y] N	30	128	95	Y [N]	Joseph Lyda