CEMENT JOB REPORT

BAKER HUGHES

CUSTOMER TEKTON ENERGY LLC	**DATE** 16-JAN-14	**F.R. #** 10011039590	**SERV. SUPV.** REESE A ANDERSON

LEASE & WELL NAME KODAK #12 7-3-28-270-4-NH - API 0512337254000
LOCATION 27-6N-67W
COUNTY-PARISH-BLOCK Weld Colorado

DISTRICT Brighton
DRILLING CONTRACTOR RIG # Frontier 10
TYPE OF JOB Surface

SIZE & TYPE OF PLUGS	LIST-CSG-HARDWARE	MECHANICAL BARRIERS	MD	TVD	HANGER TYPES	MD	TVD
BJ Cement Plug, Rubber, Top 9-5/8	Float Shoe 9-5/8 - 8rd						
	Alum Baffle Plate, Slip On, 9-5/8						

PHYSICAL SLURRY PROPERTIES

MATERIALS FURNISHED BY BJ	LAB REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURRY YLD FT3	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER
Fresh Water + Dye	0	0	8.34	0	0	00:00	10	
Surface Cement		170	14.5	1.41	6.82		42.7	27.69
Fresh Water	0	0	8.34	0	0	00:00	35.56	

Available Mix Water **400** Bbl. Available Displ. Fluid **400** Bbl. **TOTAL** 88.26 | 27.69

HOLE			TBG-CSG-D.P.							COLLAR DEPTHS		
SIZE	% EXCESS	DEPTH	ID	OD	WGT.	TYPE	MD	TVD	GRADE	SHOE	FLOAT	STAGE
12.25	35	500	8.921	9.625	36	CSG	554	554	P-110	554	511	

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	8 RD	WATER BASED	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	
40	BBLS	Fresh Water	8.34	800	0	0	0	0	0	1000	RIG TANK

Circulation Prior to Job

Circulated Well: Rig [X] BJ [ ]	Circulation Time: 1	Circulation Rate: 5 BPM
Mud Density In: 9.2 LBS/GAL Mud Density Out: 9.2 LBS/GAL	PV & YP Mud In: 0	PV & YP Mud Out: 0
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 [ ] FULL   Method Used to Verify Returns: VISUAL
Cement Returns at Surface: [X] YES [ ] NO   Were Returns Planned at Surface: [ ] NO [X] YES
Pipe Movement: [ ] ROTATION [ ] RECIPROCATION [X] NONE [ ] UNABLE DUE TO STUCK PIPE
Centralizers: [ ] NO [X] YES   Quantity: 5   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

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

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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

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 [X] CO. REP. [X]
	PIPE	ANNULUS				TEST LINES 2239 PSI
						CIRCULATING WELL - RIG [X] BJ [ ]
20:00	0	0	0	0	NA	YARD CALL
23:33	0	0	0	0	NA	LEAVE YARD
00:30	0	0	0	0	NA	ARRIVE ON LOCATION
08:18	0	0	0	0	NA	SPOT TRUCKS/PRE RIG UP MEETING/RIG UP
09:00	0	0	0	0	NA	SAFETY MEETING
09:42	2239	0	0	0	H20	PRESSURE TEST
09:48	151	0	4.6	30	H20	FRESH WATER SPACER
09:57	176	0	4.6	10	H20	DYED SPACER
10:03	101	0	3.5	43	CMT	170 SACKS 14.5 PPG CEMENT
10:18	0	0	0	0	NA	DROP PLUG
10:22	231	0	4.8	30	H20	DISPLACEMENT
10:29	176	0	3.6	5	H20	RATE CHANGE
10:33	210	0	1.5	5	H20	RATE CHANGE
10:36	830	0	1.5	40	H20	BUMP PLUG/8 BBLS CEMENT RETURNED
10:40	0	0	0	0	NA	BLEED OFF/TEST FLOATS
10:45	0	0	0	0	NA	PRE RIG DOWN MEETING/RIG DOWN

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	830	[Y] N	8	123	0	Y [N]	