

CEMENTING LOG

Data 13/1	7/2012 Diet	rict Libora	1#21 Tie	kat Na	053130	CEMENT DATA
	7/2013 Dist			DUK		Spacer Type 10 BBL FRESH WATER Amt. Sks Yield ft*/sk Density PPG
Lease	N	EELEY	We	ll No	8	
County	N FI	NNEY			cs	
						LEAD: Time hrs. Type ALC2A
Field						3%CC, 1/4 # FLOSEAL, .2% SA51 Excess
Casing Data	Conducto	г Прта	Пѕ	queeze	☐ Misc.	Amt. 400 Sks Yield 1.97 ft³/sk Density 12.4 PPG
•	Surface	☐ Interme	ediate P	roduction		TAIL: Time hrs. Type CLASS A
Size 8	5/8 Type					3% CC, 1/4 # FLOSEAL Excess
						3% CC, 1/4 # FLOSEAL Excess Amt. 200 Sks Yield 1.18 ft³/sk Density 15.6 PPG
						WATER Lead 10.9 Gal/sk Tail 5.2 Gal/sk Total BBLS
					-	TOTAL LEGG GU/SK TUIL GU/SK TOTAL GU/SK
Casing Dent	hs Top	Aug 1992 Aug	Bottom	1111	59	Pump Trucks Used: 549 - 550
Casing Dept	10p					Bulk Equipment 562 - 528
						774 - 744
Drill Pipe:	BBI S /	LIN. FT	118	I. FT/BBL		
Open Hole:	BBLS/	LIN. FT		I. FT/BBL		Float Equipment: Manufacturer WEATHERFORD
The state of the state of		3 (t) 3 (1) 1		. FT/BBL		Shoe: Type REGULAR GUIDE SHOE Depth 1111.59
	Factors: BBLS/LIN. FT LIN. FT/BBL LIN. FT/BBL					Float: Type AFU INSERT FLOAT Depth 1069.53
Casing	BBLS/LIN. FT 0.0636 LIN. FT/BBL LIN. FT/BBL LIN. FT/BBL					Controlizors: Quantity 3 Plugs Top 1 Pottom
			LIN	1. FI/BBL		Centralizers: Quantity 3 Plugs Top 1 Bottom
Drill Pipe	BBLS/	LIN. FI	LIN	I. FT/BBL		Stage Collars
Annulus	BBLS/	LIN. FI 0	.0735 LIN	1. F1/BBL	-	Special Equipment
	BBLS/	LIN. FT	LIN	I. FT/BBL		Disp: Fluid Type FRESH WATER Amt 68 bbls Weight 8.33 PPG
Perforation:	From	ft	to	ft Am		Mud Type Weight
COMPANY	REPRESENTAT	TIVE				CEMENTER KIRBY HARPER
COMPANY	KEPKESENTAI					CEIVIENTER
TIME	DDESSI	IRES PSI	FII	JID PUMPED	DATA	
	DRILL PIPE		TOTAL	PUMPED PER	T	REMARKS
AM/PM	CASING	ANNULUS	FLUID	TIME PERIOD		MAN COMMON ANALYSIA
2030						ON LOCATION SPOT AND RIG UP
1230						CASING ON BOTTOM — BREAK CIRCULATION
1245						SAFETY MEETING
0109	2000					PRESSURE TEST
0111	100			10	6	START PUMPING 10 BBL FRESH WATER
0118	100			140	6	START MIXING 400 SK ALWC2A @ 12.4 PPG
0141	100			42	6	START MIXING 200 SK CLASS A @ 15.6 PPG
0159						SHUT DOWN DROP TOP PLUG
0204	100	The state of	0	2	6	START DISPLACING WITH FRESH WATER
0217	500		58		2	SLOW RATE
0222	500-1000		68			BUMP PLUG
0224	1000-0					RELEASE PRESSURE FLOATS HELD
			80	1		CIRCULATE CEMENT TO SURFACE
					1	
				+		
			-	+		
	-			-		
	-	-		-	-	
			-	-		
	-	-		1	-	
		-	-	-	+	
				-	-	
1	1	1	1	1	1	

BLEEDBACK

1000 PSI

PSI

500

FINAL DISP. PRESS

BUMP PLUG TO

0.25

BBLS

THANK YOU



CEMENTING LOG

Date 13/37/2	013 District	ibaral # 21	Tielest No.	F3044	CEMENT DATA	
Company	2013 District 1 American W			52044 Duke #9	Spacer Type Amt. Sks Yield ft³/sk Density	PPG
Lease	Neeley		Well No	8	Trysk belisty	110
County			State	KS		-
Location					LEAD: Time hrs. Type 60/40 4%gel 1/4flo	
Field					Excess	
	그리다 얼마나 맛있다면 그를 그 없다.	PTA Intermediate	☐ Squeeze ☐ Production	☐ Misc.	Amt. 170 Sks Yield 1.4 ft³/sk Density 14.1 TAIL: Time hrs. Type	PPG
Size 8 5/8	8 Type	Wei	ght 24 C	Collar	Excess	
					Amt. Sks Yield ft³/sk Density	PPG
					WATER Lead 6.7 Gal/sk Tail Gal/sk Total E	BBLS
Casing Depths	Тор	Вс	ottom	1750	Pump Trucks Used: 549-550 Bulk Equipment 869-841	
Drill Pipe:	BBLS/LIN. FT		LIN. FT/BBL		-	
Open Hole:	BBLS/LIN. FT		LIN. FT/BBL		Float Equipment: Manufacturer	
Capacity Factor	s: BBLS/LIN. FT		_ LIN. FT/BBL		Shoe: Type Depth	
Casing	BBLS/LIN. FT	garage to historica	LIN. FT/BBL		Float: Type Depth	
Open Holes	BBLS/LIN. FT		LIN. FT/BBL		Centralizers: Quantity Plugs Top Bottom	
Drill Pipe	BBLS/LIN. FT	Market Sales a	LIN. FT/BBL		Stage Collars	
Annulus	BBLS/LIN. FT		LIN. FT/BBL		Special Equipment	
	BBLS/LIN. FT		_ LIN. FT/BBL		Disp: Fluid Type Amt bbls Weight	PPG
Perforations	From	_ft to	ft	Amt	Mud Type Weight	-
COMPANY REPR	RESENTATIVE _				CEMENTER Aldo Espinoza	

TIME	PRESSU	JRES PSI	FLU	JID PUMPED [DATA				
AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED PER TIME PERIOD	RATE BBLS/MIN	REMARKS			
12:30pm						On location at 12:30pm			
1:32pm	150		10		3	H2O water ahead total of 10 bbls			
1:35pm	150		12.4		3	12.4 bbls of slurry of cement total of 50sk plug			
1:42pm	100		25		4	Displacemet of 25 bbls with mud			
						plug balanced out and broke off for rig to pull drill pipe out to 1150'			
2:15pm	200		25		4	Cleaning out hole with 25 bbls of h2o			
2:25pm	150		12.4		4	Mixing another 50sk @1150ft 12.4 Slurry			
2:29pm	100		13		3	Displacement of 13bbls displacement			
2:38pm						plug balance and broke off to pull drill pipe to 60'			
3:25pm	80		10		4	Pumping 10bbls ahead			
3:27pm	50		5		3	20sk plug 5bbl slurry intil you see cement to surface			
3:35pm	50		7.5		3	30sk plug on the Rat hole pump intel cement to surface			
3:45pm	50		5		3	20ak plug on the Mouse hole pump intel cement to surface			
						washing up to pit all done			
						Rigging down			
				-					
						Leaving location at 4:30pm			

FINAL DISP. PRESS.	PSI	BUMP PLUG TO	PSI	BLEEDBACK	BBLS	THANK YOU