

CEMENTING TREATMENT REPORT



TREATMENT NUMBER	DATE
FG2013007	4/29/2013
STAGE	JOB TYPE
2	Production

WELL NAME AND NO.	LOCATION (LEGAL)	RIG NAME:	CEMENT PUMPER:
Long View Farm 33-19	NW/SE 19-16S-53W	Patterson UTI # 190	23005
FIELD	FORMATION	WELL DATA	FT TOP FT
Black Fox	Wildcat	BIT SIZE	7 1/4 CSG/Liner Size 5 1/2
COUNTY	STATE	TOTAL DEPTH	6797' WEIGHT 17#
Lincoln	Colorado	MUD TYPE	6762.29' FOOTAGE
	API NO.		66052' LESS FOOTAGE (SHOE JOINTS)
	05-073-06509		DISP. CAPACITY 153.2

RIG FORMAN	Kevin Swafford	MUD DENSITY	
CEMENT SUPER	Frank L. Gonzales	MUD VISC	
	Jose Madrid	Include Footage From Ground Level To Head In Disp. Capacity	
		FRONT STAGE DEPTH	
		DEPTH	
		TYPE	
		DEPTH	

SPECIAL INSTRUCTIONS	Head & Plugs	TBG	D.P.	SQUEEZE JOB
	Double Box 6	WEIGHT	SIZE	TOOL TYPE DEPTH
	Single	GRADE	TAIL PIPE:	SIZE DEPTH
	Swage	THREADS	TUBING VOLUME	BBLs
	Knockout	New Used	CSG VOL BELOW TOOL	BBLs
	DEPTH	TOTAL	ANNULAR VOLUME	BBLs

LIFT PRESSURE	1837	psi	BUMP PLUG TO	1300	CEMENT TEMPERATURE:	ANNULAR VOLUME	BBLs
PRESSURE LIMIT	3000	psi	NO. of Centralizers	9	WATER QUALITY:	7 pH	0 PPG 61 TEMP

TIME	PRESSURE	VOLUME PUMPED	JOB SCHEDULED FOR	ARRIVE ON LOCATION	RIG UP	LEFT LOCATION
0001 to 2400	TBG CSG	INCR CUM	TIME: 8:00 DATE: 4/29/2013	TIME: 6:30 DATE: 4/29/2013	TIME: 7:00 DATE: 4/29/2013	TIME: 11:40 DATE: 4/29/2013
			RATE FLUID TYPE DENSITY			

7:45								Safety Meeting
8:07			2	2	1	H2O	8.3	Load Lines
8:08		3000	1	3	1	H2O	8.3	Pressure Test Pump and Lines
8:20		200	60	63	4	H2O	8.3	Pump Water Ahead
8:44		300	85	148	4	CMT.	8.3	Pump Lead Cement @ 12.5 PPG
9:07		100	99	247	4	CMT.	12.5	Pump Tail Cement @ 13.5 PPG
9:32						H2O	12.5	DROP PLUG
9:35		65	153.6		4	H2O	13.5	Pump Displacement
9:45		75		295	4	H2O	13.5	1 st. Call Out
9:58		150		343	4	H2O	8.3	2 nd. Call Out
10:20		230		354	2	H2O	8.3	Lost Circulation @ 107 Bbls. Displacement Gone
10:26		600		391	1.5	H2O	8.3	3 rd. Call Out
10:26		735		400.6	1.5	H2O	8.3	Final Lift
		1300				H2O	8.3	BUMP PLUG
10:36						H2O	8.3	Hold For 10 Minutes
		1300				H2O	8.3	BUMP PLUG
10:41						H2O	8.3	Hold For 5 Minutes
								PLUG HELD
10:43			50	450.6	4		8.3	WASH PUMP AND LINES
11:20								RIG DOWN

System Used	No.of Sacks	Yield ft³/sk	COMPOSITION OF SYSTEM	SLURRY MIXED
25/75 SDC	234	2.04	Class G,Pozz,P20,,P42,P154,P46,P29,S1	BBLs DENSITY
35/65 SDC	337	1.65	Class G,Pozz,P20,P42,P154,P46,P13,	85 12.5
				99 13.5

CIRCULATION	Yes No	WASHED CASING DOWN	Yes No	BREAKDOWN	200 PSI	FINAL	1300 PSI
DISPLACEMENT VOL.	153.6	BBLs	RETURNED TO SURFACE	N/A	BEFORE PLUG BUMP	PRESSURE	735 PSI
						RATE	4 BPM