



# Cement Report

Customer	O'Brien Energy	Lease No.		Date	1-12-15
Lease	houstone	Well #	1-5	Service Receipt	05233
Casing	8 5/8" 24#	Depth	1750'	County	Meade
Job Type	74- 8 5/8" Surface	Formation		State	KS
				Legal Description	5-33-29

Pipe Data		Perforating Data		Cement Data
Casing size	8 5/8" 24#	Tubing Size		Lead 300 sk ACem
Depth	1750'	Depth	From To	
Volume	Disp-92 bbl	Volume	From To	Tail in 150 sk Prem. Plus
Max Press	1500#	Max Press	From To	
Well Connection	TD-1750'	Annulus Vol.	From To	
Plug Depth	42'	Packer Depth	From To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					on loc-site assessment
					spot trucks- rig up
					safety meeting- JSA
					csg on bpm, break circ
					pressure test 2000#
700				5	mix + pump 300 sk ACem
700				5	switch to tail 150 sk CLASS C
100			0	5	drop plug, disp csg
700			80	2	slow rate
1200			92	0	land plug, float head
					circ cut to surface

Service Units	7840	37223-51720	30463-19166	30464-37724
Driver Names	A Owen	G Echorta	B Owen	R Mast

R Pearson Customer Representative     
 T Davis Station Manager     
 A Owen Cementer

# Cement Report

Customer	O'Brien	Lease No.		Date	1/14/15
Lease	Keystone	Well #	1-5	Service Receipt	1717-03590A
Casing	4 1/2"	Depth	6375	County	Meade
Job Type	Production	Formation		Legal Description	5/33/29

Pipe Data			Perforating Data		Cement Data
Casing size	4 1/2" 10.5#	Tubing Size	Shots/Ft		Lead 1755 Ks AAZ @ 14.8
Depth	6375	Depth	From	To	
Volume	101.1 BBL	Volume	From	To	1.51 6.64
Max Press	2500 psi	Max Press	From	To	Tail-in 6040 Pbx
Well Connection	PK	Annulus Vol.	From	To	Butt Mouse @ 13.5
Plug Depth	6360	Packer Depth	From	To	1.48 7.37

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
18:00					On loc
18:20					Safety mtg w/ Bos Emp.
18:30					Spot in & Rig up
23:30					Safety mtg w/ Rig crew
23:45					Pressure test 2500 psi
23:50			12 BBL		Pump mud flush
23:57			7.9 BBL		Pump Rat hole
00:04			5.27 BBL		Pump Mouse hole
00:12	200		47.06	3.6	Start Pumping AAZ Down hole
00:30					Shutdown Drop plug
00:37					Washup to pit
00:37					Start Disp.
	80		8	4.3	
	120		16	5.3	
	120		24	5.3	
	120		32	5.3	
	120		40	5.3	
	120		48	5.3	
	120		56	5.3	
	240		64	5.2	
	380		72	5.1	
	630		80	5	
	800		88	4.7	

Service Units	86573	35117/19919	19827/37425		
Driver Names	Tommy Mc	Daniel B.	Angel E.		

Roger Pearson  
Customer Representative

Tyce Davis  
Station Manager

Tommy Marcellus  
Cementer