



Cement Job Summary

Job Number:	Lib1703100418	Job Purpose	01 Surface
Customer:	McCoy Petroleum Corp	Date:	3/10/2017
Well Name:	Thomas & Reed Farms "A"	Number:	1-21
County:	Gray	City:	State: Kansas
Cust. Rep:	Phone:	Rig Phone:	
Legal Desc:		Rig Name:	Sterling Drilling#4
Distance	45 miles (one way)	Supervisor	Hector Esqueda

Employees:	Emp. ID:	Employees:	Emp. ID:
Carlos Ibarra		Hector Esqueda	
Alex Ayala		Victor Garcia	
Equipment:			
531-4-541-5		868-4-642-5	
1039-2		870-4-553-5	

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	12 1/4	100%	1540	1,800	TAIL CEMENT	
OPEN HOLE	12 1/4	100%	0	1,540	LEAD CEMENT	
OPEN HOLE	12 1/4			0		
OPEN HOLE	12 1/4					
Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
TOTAL CASING	8 5/8	24	8.097	J-55	0	1,800
SHOE	8 5/8	24	8.097	J-55	1,758	1,800

Materials - Pumping Schedule						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	FRESH WATER	10	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Lead 1	ALLIED MULTI-DENSITY CEMENT - CLASS A	500	12.10	2.55	14.86	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	2.82	% BWOC	1410.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.5	lb/sk	250.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Tail 1	CLASS A COMMON	200	15.62	1.19	5.20	
Addl. Additive	Description	Conc. (lb/sk)	Determined by	Load Volume	UOM	
CA-100	CALCIUM CHLORIDE, PELLETS OR FLAKE	1.88	% BWOC	376.0	lbm	
CLC-CPF	CELLOPHANE FLAKES	0.25	lb/sk	50.0	lbm	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Fresh Water	111.9556981	8.33	n/a	n/a	

Job Number:	Lib1703100418	Job Purpose	01 Surface
Customer:	McCoy Petroleum Corp	Date:	3/10/2017
Well Name:	Thomas & Reed Farms "A"	Number:	1-21
County:	Gray	City:	State: Kansas
Cust. Rep:	Phone:	Rig Phone:	0
Distance	45 miles (one way)	Supervisor	Hector Esqueda



Cement Job Summary

TIME AM/PM	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
					3/9/2017
23:00					arrived to location
23:30					rig up to catwalk and wait for casing crew to finish running in casing
					3/10/2017
2:00					rig up head and manifold and the rest of the iron
2:30					prime up the pump
2:40					safety meeting
2:51	3800				pressure test to 3800PSI
2:54	200		10	5	start the 10bbl spacer of fresh water
2:56	250		227	6.7	start the lead cement @ 12.10#
3:12	270		115	7.7	115bbls of lead cement gone increased rate
3:38	230		42	6	start the tail cement @ 15.62#
3:49					shut down (drop the plug) wash up
3:54	80		106	4	start the 106bbl displacement of fresh water
4:00	50		20	4	20bbls gone
4:04	200		40	6	40bbls gone
4:12	500		80	4.5	80bbls gone
4:17	650		100	3	100bbls gone slow down the rate to 3bpm to land the plug
4:18	1100		106		landed plug @ 1100PSI
					hold the pressure for a few minutes to make sure that the floats are holding
					released pressure and the floats held good got 1/2bbl back to the tank
					140bbls of cement returned to surface
					rig down released from location @ 5:00



General Job Summary

Job Number: Lib170320735	Job Purpose: 03 Plug	
Customer: McCoy Petroleum Corp	Date: 3/20/2017	
Well Name: Thomas & Reed Farms "A"	Number: 1-21	API/UWI:
County: Gray	City:	State: Kansas
Cust. Rep:	Phone:	Rig Phone:
Legal Desc:	Rig Name: Sterling Drilling#4	
Distance: 45 miles (one way)	Supervisor:	

Employees:	Emp. ID:	Employees:	Emp. ID:
Erik Chavez	#N/A	Jaime Torres	#N/A
Ramon Escarcega	#N/A		

Equipment:	
549-4 / 550	705-4 / 467-5

Well Information						
Open Hole Section						
Description:	Size (in):	Excess	Top MD (ft)	Btm MD (ft)		
OPEN HOLE	7 7/8					

Tubulars						
Description:	Size (in):	Wgt. (lb/ft)	ID (in)	Grade:	Top MD (ft)	Btm MD (ft)
PREVIOUS CASING	8 5/8	24	8.097	J-55	0	1,690
TUBING/DRILL PIPE	4 1/2	16.6	3.826	J-55	0	6,400

Squeeze Information				
Description:	# of Perfs	Perf/Leak Depth	Packer/Retainer Depth	
Leak	0		6400	
Perfs			6400	

Materials - Pumping Schedule						
STAGE #1						
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Spacer 1	FRESH WATER	10	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 1	Fresh Water	0	8.33	n/a	n/a	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Fluid Name	Description	Rqstd Qty	Density	Yield	Water (gal/sk)	
Disp. 4	0	91.00158538	0.00	n/a	n/a	

Job Number: Lib170320735	Job Purpose: 03 Plug	
Customer: McCoy Petroleum Corp	Date: 3/20/2017	
Well Name: Thomas & Reed Farms "A"	Number: 1-21	API/UWI:
County: Gray	City:	State: Kansas
Cust. Rep:	Phone:	Rig Phone: 0
Distance: 45 miles (one way)	Supervisor:	0

TIME	PRESSURE - (PSI)		FLUID PUMPED DATA		COMMENTS
	CASING	ANNULUS	VOLUME	RATE (BPM)	
21:30					Arrive on Location
21:15					Pre Rig up Safety Meeting
21:30					Rig up Equipment
21:50					Wait on Customer
23:40					Safety Meeting



Cement Job Summary

0:05					Test Lines
0:10	350		10	2	Spacer 1
0:16	290		13	3	Plug 1 / 6400ft / 50 sks @ 13.8ppg
0:27	350		86	8.5	Displacement / Rig Fluid
0:50					Clean Lines
1:00					Wait on Customer
3:02	660		100	6	Circulate Well
3:10					Wait on Customer
5:20	110		13	3	Plug 2 / 1740ft / 50 sks @ 13.8ppg
5:30	310		25	8.5	Displacement / Rig Fluid
5:35					Wait on Customer
6:15	90		13	3	Plug 3 / 750ft / 50 sks @ 13.8ppg
6:20	80		11	3	Displacement / H2o
6:25					Wait on Customer
7:15	50		5	3	Plug 4 / 60ft / 20 sks @ 13.8 ppg
7:35	50		10	3	Plug Rat and Mouse Hole / 20sks @ 13.8ppp
7:40					Clean Lines
8:00					End Job
8:15					Pre-Rig Down Safety Meeting
8:30					Rig down Equipment
8:45					Journey Management
9:00					Depart from Location