

Start Date

2/10/2018

Well

North Stapleton 13-1

End Date

2/10/2018

County

Haskell

Client

MERIT ENERGY COMPANY

State/Province

KS

Client Field Rep

Rodney Gonsales

API

15-081-22173

Service Supervisor

Formation

Field Ticket No.

Rig

District

Liberal, KS

Type of Job

Plug & Abandon

WELL GEOMETRY

Туре	ID (in)	OD (in)	Wt. (lb/ft) M	ID (ft) TVD (ft)	Excess(%)	Grade	Thread
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Shoe Length (ft):

HARDWARE

Bottom Plug Used?

No

Tool Type

Tool Depth (ft)

Swege

Bottom Plug Provided By

Max Tubing Pressure - Rated (psi)

Bottom Plug Size Top Plug Used?

No

Max Tubing Pressure - Operated

(psi)

Top Plug Provided By

Max Casing Pressure - Rated (psi)

Top Plug Size

Max Casing Pressure - Operated

(psi)

Centralizers Used

No

Pipe Movement

None

Centralizers Quantity

Job Pumped Through

No Manifold

Centralizers Type

Top Connection Thread

Landing Collar Depth (ft)

0

Top Connection Size

4.5

CIRCULATION PRIOR TO JOB

Well Circulated By

Rig

Solids Present at End of

No

Circulation



Circulation Prior to Job

No

10 sec SGS

Circulation Time (min)

10 min SGS

Circulation Rate (bpm)

30 min SGS

Circulation Volume (bbls)

Flare Prior to/during the

No

Cement Job

Lost Circulation Prior to

No

Gas Present

No

Cement Job

Mud Density In (ppg)

Gas Units

Mud Density Out (ppg)

PV Mud In

PV Mud Out

YP Mud In

YP Mud Out

TEMPERATURE

Ambient Temperature (°F)

10.00

Slurry Cement Temperature (°F) 60.00

Mix Water Temperature (°F)

50.00

Flow Line Temperature (°F)

BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Planned Top of Fluid (Ft)	Length (Ft)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Tail Slurry	Plug 2	13.8000	1.3684	6.59			40		
Tail Slurry	Plug 1	13.8000	1.3684	6.59			50		
Tail Slurry	Mouse hole Plug	13.8000	1.3684	6.59			50		
Tail Slurry	Plug 4	13.8000	1.3684	6.59			20		
Tail Slurry	Plug 3	13.8000	1.3684	6.59			40		

Fluid Type	Fluid Name	Component	Concentration	иом
Tail Slurry	Plug 2	BJ 40/60/4 POZ BLEND - CLASS A	100.0000	PCT



Tail Slurry	Plug 2	IntegraSeal CELLO	0.2500	LBS/SK
Tail Slurry	Plug 1	IntegraSeal CELLO	0.2500	LBS/SK
Tail Slurry	Plug 1	BJ 40/60/4 POZ BLEND - CLASS A	100.0000	PCT
Tail Slurry	Mouse hole Plug	IntegraSeal CELLO	0.2500	LBS/SK
Tail Slurry	Mouse hole Plug	BJ 40/60/4 POZ BLEND - CLASS A	100.0000	PCT
Tail Slurry	Plug 4	BJ 40/60/4 POZ BLEND - CLASS A	100.0000	PCT
Tail Slurry	Plug 4	IntegraSeal CELLO	0.2500	LBS/SK
Tail Slurry	Plug 3	IntegraSeal CELLO	0.2500	LBS/SK
Tail Slurry	Plug 3	BJ 40/60/4 POZ BLEND - CLASS A	100.0000	PCT

TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol.	Pipe Pressure	Annulus	Comments
		}	(bbls)	(psi)	Pressure (psi)	

	Min	Max	Avg
Pressure (psi)	0.00	1,000.00	20.00
Rate (bpm)	3.00	6.00	4.00

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	ВЈ	Amount of Cement Returned/Reversed	
Calculated Displacement Volume (bbls)	35.00	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	35.00	Amount of Spacer to Surface	
Did Float Hold?	Yes	Pressure Left on Casing (psi)	0.00
Bump Plug	No	Amount Bled Back After Job	0.00
Bump Plug Pressure (psi)	0.00	Total Volume Pumped (bbls)	86.00
Were Returns Planned at Surface	Yes	Top Out Cement Spotted	Yes
Cement returns During Job		Lost Circulation During Cement Job	No



CEMENT PLUG

Bottom of Cement Plug?

No

Wiper Balls Used?

No

Wiper Ball Quantity

Plug Catcher

No

Number of Plugs

0

SQUEEZE

Injection Rate (bpm)

Fluid Density (ppg)

Injection Pressure (psi)

ISIP (psi)

Type of Squeeze

FSIP (psi)

Operators Max SQ Pressure (psi)

COMMENTS

Treatment Report

1st plug 12.73bbls at 1730 feet 2nd plug 10.18bbls at 730feet 3rd plug 10.18bbls at 500 feet 4th plug 5bbls at 60 feet Rat and Mouse hole 12.73bbls

Job Summary

Drive to location, spot trucks, rig up, safety meeting over job
1st plug 12.73bbls from 50sacks at 13.8lbs, displacement with mud 21.3bbls
2nd plug 10.18bbls from 40 sacks at 13.8lbs, displacement with mud 8bbls
3rd plug 10.18bbls from 40sacks at 13.8lbs, displacement 4.5bbls
4th plug 5bbls from 20sacks at 13.8lbs, cement to surface
Rat and Mouse 12.73bbls from 50sacks at 13.8lbs, cement to surface
rig down