

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	MURFIN	Date:	6/21/2017	Ticket No.:	50996
Field Rep:	DUKE				
Address:					
City, State:					
County, Zip:					

Field Order No.:		Open Hole:	12.25	Perf Depths (ft)	Perfs
Well Name:	YOUNGMEYER 1-2	Casing Depth:	478.27		
Location:	BEAUMONT	Casing Size:	8 5/8		
Formation:		Tubing Depth:			
Type of Service:	SURFACE	Tubing Size:			
Well Type:	OIL	Liner Depth:			
Age of Well:	NEW	Liner Size:			
Packer Type:		Liner Top:			
Packer Depth:		Liner Bottom:			
Treatment Via:		Total Depth:			
				Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
12:00 AM					ON LOCATION SAFETY MEETING			
					SPOT IN AND RIG UP			
					RUN CASING			
					HOOK UP TO CASING			
	4.0		500.0		BREAK CIRCULATION			10.00
	4.0		400.0		MIX AND PUMP CEMENT			82.78
					STOP			
					RELEASE PLUG			
	4.0		400.0		DISPLACE			25.00
	2.0		300.0		SLOW RATE			
					STOP			28.76
2:45 AM			200.0		SHUT IN WELL			
					THANKS FOR YOUR BUSINESS			
					JAKE KEVIN AND MARK			
TOTAL:						-	-	126.53

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
4.0	3.5	500.0	360.0

PRODUCTS USED

250 SACKS CLASS A 3%CC 2% GEL .25LB SX FLOSEAL

Treater: JAKE HEARD

Customer: DUKE

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	MURFIN	Date:	6/29/2017	Ticket No.:	50998
Field Rep:	MARK ROBEN				
Address:					
City, State:					
County, Zip:					

Field Order No.:	
Well Name:	YOUNGMEYER 1-2
Location:	BEAUMONT, KS
Formation:	
Type of Service:	LONGSTRING
Well Type:	OIL
Age of Well:	NEW
Packer Type:	
Packer Depth:	
Treatment Via:	CASING

Open Hole:	7 7/8 3117'
Casing Depth:	3105
Casing Size:	5.5 17#
Tubing Depth:	
Tubing Size:	
Liner Depth:	
Liner Size:	
Liner Top:	
Liner Bottom:	
Total Depth:	

Perf Depths (ft)	Perfs
Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HGL (g/s)	FLUID (bbl/s)
	FLUID	N2/CO2	STP	ANNULUS				
					ON LOCATION SAFETY MEETING			
					SPOT IN AND RIG UP			
					WAIT ON RIG			
5:16 PM					HOOK UP TO CASING			
	5.0		400.0		PUMP WATER			5.00
	5.0		400.0		PUMP MUD FLUSH			12.00
	5.0		400.0		PUMP WATER			5.00
	2.0		200.0		PLUG RAT HOLE			6.80
	2.0		200.0		PLUG MOUSE			6.00
	4.5		450.0		MIX AND PUMP LEAD CEMENT			83.35
	4.5		200.0		MIX AND PUMP TAIL CEMENT			48.07
					STOP			
					WASH PUMP AND LINES			10.00
	7.0		400.0		RELEASE PLUG			1.00
	5.0		800.0		DISPLACE			48.00
	4.0		1,000.0		SEE LIFT			65.00
7:05 PM	4.0		2,000.0		BUMP PLUG			73.00
TOTAL:								362.22

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
7.0	4.4	2,000.0	586.4

PRODUCTS USED

180 SX H-CON 180 SX H LONG

Treater: JAKE HEARD

Customer: MARK ROBEN

CEMENTING LOG

Company	Murfin	Lease	0	Well Name/No.	Youngmeyer 1-2
Type Job	Squeeze	Type & Amt Material	25 Sacks Class A + 1% CDI-26 25 Sacks Class A common		
Field	0	Ticket Number	50337		
CASING DATA					
Size	5.5	Type	J-55	Weight	17#
Casing Depths:	Top	Bottom	0		
Drill Pipe:	Size	Weight	Collars		
Open Hole:	Size	T.D. (ft)	0	P.8. to (ft)	
CAPACITY FACTORS					
Casing	8bbls/Lin. ft.	0.0232 Lin. ft./Bbl			
Open Holes	8bbls/Lin. ft.	Lin. ft./Bbl			
Tubing	8bbls/Lin. ft.	0.00387 Lin. ft./Bbl			
Annulus	8bbls/Lin. ft.	0.0178 Lin. ft./Bbl			
	8bbls/Lin. ft.	Lin. ft./Bbl			
Perforations	From (ft)	2864'	To	2866'	Amount 8 shots
CEMENT DATA					
Spacer Type					
Amt.	Sks Yield	ft ³ / _{in} Density (PPG)			
LEAD					
Pump Time (hrs)	Type		Class A + 1% CDI-26		Excess
Amt.	25 Sks Yield	1.48 ft ³ / _{in} Density (PPG)		14.2	
TAIL					
Pump Time (hrs)	Type		Class A		Excess
Amt.	25 Sks Yield	1.28 ft ³ / _{in} Density (PPG)		15	
WATER					
Lead	7.49 gals/sk	Tail	6.02 gals/sk	Total (Bbls.)	8.03
Pump Trucks Used					230
Bulk Equipment					241
Float Equipment: Manufacturer					
Shoe: Type					Depth
Float: Type					Depth
Centralizers: Quantity	Plugs: Top		Bottom		
Stage Collars					
Special Equipment					
Disp. Fluid Type	Fresh Water	Amt. (Bbls.)	5.6	Weight (PPG)	
Mud Type					Weight (PPG)

COMPANY REPRESENTATIVE Mark Robben CEMENTER Jake Heard

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLs MIN.)	
11:00 AM						On location Safety meeting. Spot in and rig up
						Swab
						Hook up to tubing
	1800		5.5		3.5	Test packer
	600		29		4	Circulate Hole
	500		8		3.5	Pump Sand
	800		5		2	Get injection rate
	600		6.5		1.5	Mix and pump lead Cement
	300		5.7		3	Mix and pump tail Cement
						Stop
						Wash pump and lines
	1200		1		1	Start displacement
	1800		5.4		0.5	5.4 BBL out stop
	500		30		3.5	Reverse out
						Hook up to tubing
	1800		0.25		0.5	Pressure up to 1800
	1500					pressure up to 1500 and shut in
3:45 PM						Rig down and leave location