

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer OM/MEX Petroleum		Lease No.		Date	
Lease Mailander		Well # 4-34-6N-455		11/13/14	
Field Order #	Station HPL: 05-095-06465-00	Casing 4.5 11.6	Depth 2665	County Phillips	State Co
Type Job Long String	Formation Niobrara		Legal Description Sec 34-6N-455		

PIPE DATA			PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	Lead CM	Acid	50/50 Poz	RATE	PRESS	ISIP	
4.5 11.6						12/12% Gr			
Depth 2665	Depth	From	To	Pre Pad	20% CaCl	Max 25 #/sk	cell/flake	5 Min.	
Volume 41.3 BBLs	Volume	From	To	Pad		Min		10 Min.	
Max Press 1500	Max Press	From	To	Erag	50/50 Poz w/	Avg 22% CaCl	20% CaCl	15 Min.	
Well Connection	Annulus Vol.	From	To		2 C-51	HHP Used 25 #/sk	cell/flake	Annulus Pressure	
Plug Depth 2625	Packer Depth	From	To	Flush		Gas Volume		Total Load	

Customer Representative Paul Station Manager Treater A. House 11

Service Units	Driver Names	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
Time						

8:15 pm Arrive on location

4 1/2 11.6" casing @ 2665, 621

6 1/4 Hole @ 2696

PSTD @ 2622.35

Prime up PSITest

Start 20KCL H2O spacer 10 bbl KCL

water 35 KCL water spacer

Lead 141 SKS 50/50 POZ w/ 12% Gr

20% CaCl, 25 #/sk cell/flake

12 #/gal, @ 2.23 yield

Tail 75 SKS 50/50 POZ w/ 20% Gr

20% CaCl, 25 #/sk cell/flake, 20% C-51

13.8 #/gal, @ 1.37 yield

Shut Down/clean up/Drop Plug

Displacement KCL water

Plug Landed

15 BBLs Circulated to Pit