

BASIC

energy services, L.P.

TREATMENT REPORT

Customer Carrie Exploration and Development, LLC.		Lease No.		Date 9-16-11	
Lease John Roth		Well # C" #2			
Field Order # 4823	Station Pratt, Kansas	Casing 5 1/2	Depth 15,516 ft.	County Barton	State Kansas
Type Job C.N.W. - Longstring			Formation	Legal Description 34-195-11W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 5.0 lb./ft.	Shots/Ft 125	From 758	Acid AA2 with	Pre Pad 108 Salt, 51	RATE 58 FLT	PRESS 22,258	ISIP Defoamer,
Depth 3,398 feet	Depth	From 758	To 60	Gas Blk	Gal, 5.409 Gal	Max b/st. Gilsomite		5 Min.
Volume 80.93 bbl	Volume	From	To 15.3	Gal	5.409 Gal	Min Gal/st, 1.36		10 Min.
Max Press 500 P.S.I.	Max Press	From	To	Flac		Avg		15 Min.
Well Connection Plug Container	Annulus Vol.	From 30	To 60	40 Poz to Plug		HBP Used		Annulus Pressure
Plug Depth 3,300 feet	Packer Depth	From	To	Flush 80 Bbl. Fresh Water		Gas Volume		Total Load

Customer Representative Ron Herald	Station Manager David Scott	Treater Clarence R. Messick
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Service Units 37,216	19,903	19,905	19,860	19,918
Driver Names Messick	Mattal	Phye		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
12:30					Cement and Float Equipment on location.
1:15					Trucks on location and hold safety location.
4:50					Southwind Drilling start to run Regular Guide Shoe, Shoe Joint with Insert screwed into collar and a total of 81 Joints used - Tested 5 1/2" casing. A Buset was installed on top of Joint # 10. A Turbolizer was installed on Collars # 2, 3, 4, 6, 8, and # 10. A Port Collar was installed on top of Joint # 43 or 1,628 feet down.
7:25					Casing in well. Circulate and Rotate for
8:00	2,400				Shut in well and Pressure Test. Open Well.
8:02	300			5	Start 28 tcl Pre Flush
			10	5	Start Flow-Seal 21 Solution
			17	5	Start 28 tcl Spacer.
8:08	300		22	5	Start mixing 125 sacks AA2 cement.
	-0-		52		Stop pumping. Shut in well. Wash pump and lines. Release Top Rubber Plug. Open Well.
8:18	100		65	5	Start Fresh Water Displacement.
			80		Start to lift cement.
8:30	600				Plug down
	1,400				Pressure up.
					Release pressure. Insert held
	-0-		7	3	Plug Rat Hole
					Wash up pump truck.
9:15					Job Complete.