

Customer Novy Oil and Gas, Inc.	Lease No.	Date 3-4-14
Lease Howard	Well # 1	
Field Order # 10134	Station Pratt, Kansas	Casing" 5 1/2
		Depth 3,843 FT.
Type Job C.N.W. - Longstring	Formation	County Reno
		State Kansas
		Legal Description 15-235-10W

PIPE DATA		PERFORATING DATA		CEMENT USED		TREATMENT RESUME		
Casing Size 5 1/2	Tubing Size 5.0	Shots/Ft 200	sacks 60	60/40 Poz with 2%	2%	Total Gel 1.52	Friction Reducer	ISIP
Depth 3,843 FT.	Depth	From 259	To 3,843	189 sacks	25%	Max 1.41	5 Min.	5 Min.
Volume 91.5 Bbl.	Volume	From	To	14.3 Lb. 75K, 5.36 Gal. 15	Min	1.41	10 Min.	10 Min.
Max Press 1,500 PSI	Max Press	From	To		Avg		15 Min.	
Well Connection Plug container	Annulus Vol. 1.0	From 0	To 60	60/40 Poz to Plug Rat (30 sacks)	HHR Used	and Mouse (20 sacks)	Annulus Pressure	Notes
Plug Depth 3,843	Packer Depth	From	To	Flush 90.6 Bbl. Fresh Water	Gas Volume		Total Load	

Customer Representative Nuff Glenn	Station Manager Kevin Gordley	Treater Clarence R. Messick
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Service Units	37,216	77,686	19,905	19,826	19,860
Driver Names	Messick	Mc Graw	Hanson		

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00					Trucks on location and hold safety meeting.
2:45					Pickrell Drilling start to run Auto Fill Guide Shoe, Shoe Joint with Latch Down Baffle screwed into collar and a total of 92 Joints now 15.5 Lb/FT 5 1/2 casing. A Basket was installed above Collars # 3 and # 7. A Turbelerizer was installed on collars # 2, 4, 5, 6, 8, 9, and # 10.
4:45					Casing in well Circulate for 1 hour
5:52		2,000			Shut in well. Pressure Test. Open well.
5:53	300			6	Start Freshwater Pre-Flush.
			15	6	Start mud flush.
			27	6	Start Freshwater spacer
6:03	300		47	5	Start mixing 200-sacks 60/40 Poz Blend cement.
	-0-		97		Stop pumping. Shut in well. Wash pump and lines. Release Latch Down Plug. Open well.
6:16	150			6.5	Start Fresh water Displacement.
			62	5	Start to lift cement.
6:35	600		90.6		Plug down.
	1,500				Pressure up.
					Release pressure Float Shoe held.
			7.5	3	Plug Rat and Mouse holes.
					Wash up pump truck
7:30					Job Complete.
					Thank You Clarence, Milte, Josh