

# QUALITY WELL SERVICE, INC.

5592

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Heath's Cell 620-727-3410  
Office / Fax 620-672-3663

Rich's Cell 620-727-3409  
Brady's Cell 620-727-6964

Date	6-25-12	Sec.	2	Twp.	25	Range	35	County	Staford	State	KS	On Location		Finish	5:30am
Lease	Well No.		Location St John 6 S 2 1/2 W 5 in 40												
Contractor Minnescha Drilling								Owner							
Type Job Surface								To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.							
Hole Size 12 1/4				T.D. 760				Charge To Caerus							
Csg. 8 5/8				Depth 756 53				Street							
Tbg. Size				Depth				City				State			
Tool				Depth				City				State			
Cement Left in Csg. 20 lb				Shoe Joint				The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line				Displace 46.87				Cement Amount Ordered 400 sx com 3 1/2 CC 2 1/2 GG							
<b>EQUIPMENT</b>															
Pumptrk	No.	8	Cody				1/4 C.F.								
Bulktrk	No.	5	mike				Common 400								
Bulktrk	No.						Poz. Mix								
Pickup	No.						Gel. 7								
<b>JOB SERVICES &amp; REMARKS</b>															
Rat Hole								Hulls							
Mouse Hole								Salt							
Centralizers								Flowseal							
Baskets								Kol-Seal							
D/V or Port Collar								Mud CLR 48							
Run 18 lbs of 8 5/8 casing & landing								CFL-117 or CD110 CAF 38							
It								Sand							
Est Circulation with mud pump								Handling 421							
								Mileage 20							
<b>FLOAT EQUIPMENT</b>															
Hooked up and mixed 400 sx - shut down								Guide Shoe							
Released plug and disp hbl of 1420								Centralizer							
Shut in @ 300 psi								Baskets							
								AFU Inserts							
								Float Shoe							
								Latch Down							
Cement did circulate to surface								8 5/8 Rubber Plug							
								Pumptrk Charge Surface							
								Mileage 20							
Thank You!!															
Signature <i>Richard A. Brady</i>												Tax			
												Discount			
												Total Charge			

Customer Carron Operating	Lease No.	Date 7-1-13
Lease A-110	Well # 2-31	
Field Order # 444	Station Pinal	Casing 5 1/2"
	Depth 418'	County Stark
Type Job C/W - 5% 15' - 2.0'	Formation	Legal Description 2-25-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
4 1/2"	3 1/2"	150		6 2/40/102				
Depth 418'	Depth	From	To	Pre Pad 1.134-1.2	Max 15% Salt		5 Min.	
Volume 7.5	Volume	From	To	Pad 6d40/100	Min 74% Sand		10 Min.	
Max Press 1300	Max Press	From	To	Frac KH/100	Avg 5#/sk	6.15 units	15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 2110'	Packer Depth	From	To	Flush 97	Gas Volume		Total Load	

Customer Representative Drew Martin	Station Manager Drew Seal	Treater Steve Galt
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Service Units 07080 07463 17760 01010									
Driver Names Drew Martin Lawler									

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1:10	350		17	6	Mod flow
1:12	300		5	6	H2O spacer
1:15	300		31.5	6	Run 136 5/8 5/8 15 3/4 6' Back #7
					4-9-11-14-16-18
					Casing or 1 1/2" or 1 3/4" or 2" or 2 1/2" or 3" or 4" or 5" or 6" or 8" or 10" or 12" or 14" or 16" or 18" or 20" or 22" or 24" or 26" or 28" or 30" or 32" or 34" or 36" or 38" or 40" or 42" or 44" or 46" or 48" or 50" or 52" or 54" or 56" or 58" or 60" or 62" or 64" or 66" or 68" or 70" or 72" or 74" or 76" or 78" or 80" or 82" or 84" or 86" or 88" or 90" or 92" or 94" or 96" or 98" or 100"
1:27	0		0	6	Stop H2O replacement
1:32	300		70	5	2.54 pressure
1:45	600		87	4	Slow Rate - Stop H2O replacement
1:45	1500		97	4	Stop H2O replacement
			6/11		Flow KH/100 w 50% (1/11)
					Stop/low flow
					Thinking slow