

# QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

5285

Home Office 324 Simpson St., Pratt, KS 67124

**Todd's Cell 620-388-5422**  
**Office / Fax 620-672-3663**

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

Date <u>8-27-11</u>	Sec. <u>30</u>	Twp. <u>32</u>	Range <u>13</u>	County <u>BARBER</u>	State <u>Ks</u>	On Location	Finish <u>12:00 AM</u>
Lease <u>Palmer 30</u>		Well No. <u>1</u>		Location <u>Med Lodge Ks W on 160 to MM 217</u>			
Contractor <u>HINWESCON Dels.</u>				Owner <u>AS E'N Dnto</u>			
Type Job <u>Surface</u>				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 <u>12 1/4</u>		T.D. <u>270</u>		Charge To <u>LB Expl. Inc</u>			
Csg. <u>8 3/8 23'</u>		Depth <u>209 30</u>		Street			
Tbg. Size		Depth		City			
Tool		Depth		State			
Cement Left in Csg.		Shoe Joint <u>15</u>		The above was done to satisfaction and supervision of owner agent or contractor.			
Meas Line		Displace <u>13.9</u>		Cement Amount Ordered <u>290 x 60/40 P2</u>			
<b>EQUIPMENT</b>				<u>26 Gal 3% CC 1/4" CF</u>			
Pumptrk <u>9</u>	No. <u>7005</u>			Common <u>150</u>			
Bulktrk <u>4</u>	No. <u>12001</u>			Poz. Mix <u>100</u>			
Bulktrk	No.			Gel. <u>4</u>			
Pickup	No. <u>0009</u>			Calcium <u>B</u>			
<b>JOB SERVICES &amp; REMARKS</b>				Hulls			
Rat Hole				Salt			
Mouse Hole				Flowseal <u>63</u>			
Centralizers				Kol-Seal			
Baskets				Mud CLR 48			
D/V or Port Collar				CFL-117 or CD110 CAF 38			
<u>Run 6 str's 8 3/8 23' csg.</u>				Sand			
				Handling <u>262</u>			
<u>MTX! Pump 250 x 60/40 P2</u>				Mileage <u>15</u>			
<u>26 Gal 3% CC 1/4" CF</u>				<b>FLOAT EQUIPMENT</b>			
<u>K. 7 1/2 Gal 1.25 fl's</u>				Guide Shoe			
<u>0 Release Plug</u>				Centralizer			
				Baskets			
<u>Disp 15.9, 12 1/4 40'</u>				AFU Inserts			
<u>Close Valve on Csg</u>				Float Shoe			
<u>Good Circ then JOB</u>				Latch Down			
<u>Circ out to PIT</u>				<u>1 Wooden Plug</u>			
				Pumptrk Charge <u>Surface</u>			
				Mileage <u>15</u>			
Thanks Todd Bryant - DWS Signature <u>Tony H. Curney</u>				Tax			
				Discount			
				Total Charge			

# BASIC

energy services, L.P.

## TREATMENT REPORT

Customer	L.B. EXPLORATION	Lease No.		Date	9-5-2011
Lease	PALMER	Well #	30-1 TD-7		
Field Order #	4149	Station	PRATT, KS.	Casing	5 1/2" x 14"
				Depth	5160'
Type Job	(NW)-5 1/2" L.S. w/PARTICULAR		Formation		Legal Description
					30-32-13

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft	From	To	Acid	RATE	PRESS	ISIP
5 1/2"			0111		2855SK AA2			5 Min.
Depth	Depth	From	To	Pre Pad		Max		
5137.70'				12.136 CUFF <sup>3</sup>				10 Min.
Volume	Volume	From	To	Pad		Min		15 Min.
143.358								
Max Press	Max Press	From	To	Frac		Avg		
1500								
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
F.C.								
Plug Depth	Packer Depth	From	To	Flush	124.3 BBL	Gas Volume		Total Load
5042.63								

Customer Representative	MICHAEL PETERMAN	Station Manager	D. SCOTT	Treater	K. LESLEY
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Service Units	19870	19889	19842	19960	19918				
Driver Names	LESLEY	LAWRENCE	PIBBSON	PHYE					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
7:00 PM					ON LOCATION - SAFETY MEETING
7:30 PM					RUN 5 1/2" x 14" CSG.
					TURBO - 1, 3, 4, 6, 7, 13, 14, 15, 20, 26, 27, 28, 32, 33, 50, 53, 54, 56, 58, 60
					BASKET - 12, 17, 30, 48
					PORTCULLAR - 49
11:06 PM					CSG. ON BOTTOM
11:15 PM					HOOK UP TO CSG. / BREAK CIRC. w/RIG
12:50 AM	200		12	6	MUDFLUSH
12:55 AM	100		69	6	MIX 2855SK AA2 @ 15.3 PPG
1:10 AM					CLEAR PUMP & LINE / DROP PLUG
1:18 AM	0		0	7	START DISPLACEMENT
1:28 AM	300		72	6	LIFT PRESSURE
1:34 AM	1000		100	5	SLOW RATE
1:40 AM	1500		124	4	PLUG DOWN - HELD
			6, 4		PLUG R.H. & H.H. 11, 234' L
					CIRC. THRU JOB
					JOB COMPLETE,
					THANKS -
					KEVEN LESLEY

Taylor Printing, Inc. 620-672-3656