

Customer Missouri American Energy		Lease No.		Date 1-8-15	
Lease 10000		Well # 1			
Field Order # 11903	Station 1000	Casing 5 7/8	Depth 17,000	County Vernon	State OK
Type Job Acid Frac			Formation	Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
Depth	Depth	From	To	Pre Pad	Max		5 Min.	
Volume	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager	Treater
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Service Units	Driver Names
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Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
10:00					Start of treatment
10:05					Flowing
10:10					Flowing
10:15					Flowing
10:20					Flowing
10:25					Flowing
10:30					Flowing
10:35					Flowing
10:40					Flowing
10:45					Flowing
10:50					Flowing
10:55					Flowing
11:00					Flowing
11:05					Flowing
11:10					Flowing
11:15					Flowing
11:20					Flowing
11:25					Flowing
11:30					Flowing
11:35					Flowing
11:40					Flowing
11:45					Flowing
11:50					Flowing
11:55					Flowing
12:00					Flowing

# QUALITY WELL SERVICE, INC.

6286

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

Office 620-727-3410  
Fax 620-672-3663

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

Date	12-28-14	Sec.	15	Twp.	29s	Range	09w	County	Kingman	State	KS	On Location	4:15pm	Finish	5:45pm				
Lease	Mervin	Well No.	1	Location 54 9 Zandbird, 7 1/2 S, 3 1/4 W, s/into															
Contractor	Sterling #4				Owner Messenger Permo.														
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. 227																
Csg.	8 5/8		23 1/2		Depth 223														
Tbg. Size					Charge To Messenger														
Tool					Street														
Cement Left in Csg.	20'		Shoe Joint NA		City State														
Meas Line					The above was done to satisfaction and supervision of owner agent or contractor.														
EQUIPMENT								Displace 13 Bbls Fresh H <sub>2</sub> O								Cement Amount Ordered 225sx 60:40: 2% gel + 3% cc +			
Pumptrk	6	No.	Richard M		1/4 # Flowseal														
Bulktrk	7	No.	Dorek B		Common 135														
Bulktrk		No.			Poz. Mix 90														
Pickup		No.	David F.		Gel. 4														
JOB SERVICES & REMARKS								Hulls											
Rat Hole								Salt											
Mouse Hole								Flowseal 56.25											
Centralizers								Kol-Seal											
Baskets								Mud CLR 48											
D/V or Port Collar								CFL-117 or CD110 CAF 38											
Pipe on Btm, Back Circ.								Sand											
Pump Spacers, Mix 225sx 60 40 Blend								Handling 236											
Stop-Release Plug, Start Disp. w/								Mileage 40											
Fresh H <sub>2</sub> O, Washup on Plug, See increase								FLOAT EQUIPMENT											
in PST, slow rate, stop pump at								Guide Shoe											
13 Bbls total Disp., Shut in, Cement D <sub>2</sub>								Centralizer											
Circ. to cellar								Baskets											
								AFU Inserts											
								Float Shoe											
								Latch-Down Service supervisor											
								1-WCP - 8 5/8											
								LMV 40											
								Pumptrk Charge Surface											
								Mileage 40x2											
																Tax			
																Discount			
X Signature <i>Henry J. Salgado</i>																Total Charge			