

1246681

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

6285

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	12-27-14	Sec.	07	Twp.	27s	Range	12w	County	Pratt	State	KS	On Location	4:30pm	Finish	6:15pm		
Lease	PWSI		Well No.			1-7 SWD		Location								61 East to Natanna Church, 4 mi. w/nto	
Contractor	NIMNIESCAH							Owner								Tuka Carmi Devel.	
Type Job	Conductor							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	17 1/2		T.D.			190'		Charge To								Tuka Carmi	
Csg.	13 3/8		Depth			178 + 18' 8 1/2		Street									
Tbg. Size			Depth					City								State	
Tool			Depth					City								State	
Cement Left in Csg.	20'		Shoe Joint			NA		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace					Cement Amount Ordered								225 sx class A + 2% gel +	
EQUIPMENT								3%cc									
Pumptrk	8	No.	Mike B.					Common								225	
Bulktrk	9	No.	David B.					Poz. Mix									
Bulktrk		No.						Gel.								4	
Pickup		No.	David F.					Calcium								8	
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 BHM, Break Circ., Pump Spacer,								Sand									
Mix 225 sx cement, Start Disp. w/								Handling								237	
Fresh H ₂ O, Wash up tank, See increase in								Mileage								10	
PST, Slow Rate, Stop Pump at 26 Bbls, Shut								FLOAT EQUIPMENT									
in, Cement Did Circ.								Guide Shoe									
								Centralizer									
								Baskets									
								AFU Inserts									
								Float Shoe									
								Latch Down									
								LMV 10									
								Service Supervisor									
								Pumptrk Charge								Conductor	
								Mileage								10 x 2	
																Tax	
																Discount	
X Signature								Richard A. Carney								Total Charge	

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

6323

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	12-29-14	Sec.	7	Twp.	27	Range	12	County	Pratt	State	KS	On Location	12:00	Finish	1:30AM
Lease	PWST	Well No.	1-7SWD		Location 66 Hwy East to Antenna 1/4 N West into										
Contractor									Owner						
Type Job	Surface								To Quality Well Service, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.						
Hole Size	12 1/4		T.D. 698												
Csg.	8 5/8		23 #		Depth 681 + 15'							Charge To Tuka Carm.			
Tbg. Size	Depth								Street						
Tool	Depth								City State						
Cement Left in Csg.	20'		Shoe Joint N/A		The above was done to satisfaction and supervision of owner agent or contractor.										
Meas Line	Displace 43 1/4 Bbls Fresh		Cement Amount Ordered 300 sx 65/35 2% Gel 3% CC 1/4 C.F. 100 sx common 2% gel 3% CC 1/4 C.F.												
EQUIPMENT															
Pumptrk	8	No.	Mike		Common 300										
Bulktrk	9	No.	Dario		Poz. Mix 100										
Bulktrk	10	No.			Gel. 8										
Pickup		No.			Calcium 14										
JOB SERVICES & REMARKS															
Rat Hole									Hulls						
Mouse Hole									Salt						
Centralizers									Flowseal 100						
Baskets									Kol-Seal						
D/V or Port Collar									Mud CLR 48						
Pipe on Btm, Break Circ, Pump Spacer, Mix									Sand						
300sx lite weight, Mix 100sx tail Cement									Handling 422						
Stop Release Plug, Start Disp. w/ Fresh									Mileage 10						
H ² O, Slow Rate, See steady increase									FLOAT EQUIPMENT						
in PSI, Slow again, Stop Pump at									Guide Shoe						
43 1/4 Bbls Total Disp., Shut in,									Centralizer						
Cement Did Circ.									Baskets						
									AFU Inserts						
									Float Shoe						
									Latch Down 18 5/8 wooden plug.						
									1 MV 10						
									Service supervisor						
									Pumptrk Charge Surface						
									Mileage 10 X 2						
									Tax						
									Discount						
									Total Charge						
X Signature	Richard B. Brady														

QUALITY WELL SERVICE, INC.

6288

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	01-06-15	Sec.	7	Twp.	27	Range	12	County	Pratt	State	KS	On Location	800 Am	Finish	11:30 AM / 5:45 PM			
Lease	PWSI	Well No.	1-7 SWD		Location		Pratt, KS East to church, 1/8 mi, w/1 to											
Contractor	Ninnescah							Owner	Iuka Carmi. Devel.									
Type Job	2 stage Production							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	7 7/8		T.D.															
Csg.	5 1/2	#5.5	Depth	4468		Charge To	Iuka Carmi											
Tbg. Size			Depth															
Tool			Depth															
Cement Left in Csg.	43'		Shoe Joint	43.42		The above was done to satisfaction and supervision of owner agent or contractor.												
Meas Line			Displace	1st 107 / 2nd 60 1/2		Cement Amount Ordered	125sx Pro C + 5 1/2 gal seal + 10 1/2 gal											
EQUIPMENT													495 sx 65:35 1/2 gel + 1000 gal Mud sweep + 10 gal KC					
Pumptrk	8	No.	Mike B		Common	325 - 125sx Pro C												
Bulktrk	9	No.	David F		Poz. Mix	170												
Bulktrk	10/10	No.	David B		Gel.	21												
Pickup		No.	David F		Calcium													
JOB SERVICES & REMARKS													Hulls					
Rat Hole	30sx		Salt		12													
Mouse Hole	20sx		Flowseal															
Centralizers	10 ON 1-4-6-10-19-21-23-44-47-68		Kol-Seal		625													
Baskets	3 - ON 19-44-68		Mud CLR 48		1000 gal													
D/V or Port Collar	set @ 2514		CFL-117 or CD110 CAF 38		10 gal CC1													
Pipes on Btm, Break Circ, Drop tool Ball, open at 1200', circ. 1 hour, Pump Pre flush, Plug Ret + Mouse hole w/ 50sx cement, Pump 175sx cement weight Pump 125sx tail cement, stop-wash truck, Plug latch down Plug, start Disp. w/ 2% KCl water at 45 BBl. See title to mud, see increase in PSI at 68 BBl. See lift, slow rate, slow rate again, Bump Plug at 92 BBl. total mud = 107 BBl. total + 1500# to 2200', Release PSI, Float Did Hold, Drop OP tool, Press up to 1100' opened & circulated, 4 hrs install Closing Plug, Pump Pre flush, Mix 320 sx lite Weight Cement, Stop-wash truck, Release Plug, Start Disp. w/ 2% KCl water, See lift at 25 BBl, Slow rate, Bump Plug at 60 1/2 BBl. at 600' to 1400', Release PSI, Float Did Hold. Cement Did not Circ.													Sand					
													Handling			653		
													Mileage			10		
FLOAT EQUIPMENT (5 1/2")																		
													Guide Shoe - Type A Packer Shoe -					
													Centralizer			105 turbo 5		
													Baskets			3		
													AFU Inserts					
													Float Shoe					
													Latch Down			Service Supervisor		
													DV tool Assy. -					
													LMV			10		
													Pumptrk Charge			2 Stage		
													Mileage			10 X 2		
													Tax					
													Discount					
													Total Charge					
X Signature	Robert P. Brady																	

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

6299

Home Office 324 Simpson St., Pratt, KS 67124

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

PO# PWS15013002

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

Date	01-30-15	Sec.	Twp.	Range	County	State	On Location	Finish
Lease	PWSI	Well No.	1-7 SWD		Location			
Contractor	Pratt Well Service				Owner Tuka Carmi Devel			
Type Job	Perf. Squeeze to Raise Cement in Surf				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	T.D.				Charge To Tuka Carmi			
Csg.	5/8" 7/8"				Depth 1044			
Tbg. Size	Cement Retainer				Depth 1044			
Tool	Cement Retainer				Street			
Cement Left in Csg.	Shoe Joint				City State			
Meas Line	Displace				The above was done to satisfaction and supervision of owner agent or contractor.			
					Cement Amount Ordered 200 sx 65:35:4%ogel			
EQUIPMENT								
Pumptrk	8	No.	David B		Common 130			
Bulktrk	9	No.	David B		Poz. Mix 70			
Bulktrk		No.			Gel. 7			
Pickup		No.	David F		Calcium			
JOB SERVICES & REMARKS					Hulls			
Rat Hole					Salt			
Mouse Hole					Flowseal			
Centralizers					Kol-Seal			
Baskets					Mud CLR 48			
D/V or Port Collar					CFL-117 or CD110 CAF 38			
Retainer set 16' above Perfs, at 1044'					Sand			
String in, take injection rate of					Handling 207			
1/2 BPM at 600 PSI, Mix 25sx,					Mileage 10			
Jobbing Plugged, Release Back Side String out					FLOAT EQUIPMENT			
est Circ, String Back in, Mix Approx 175sx					Guide Shoe			
cement Circ. Disp. w/ 5/8 Bbls,					Centralizer			
String out Release out w/ 15 Bbls,					Baskets			
Pull tubing					AFU Inserts			
					Float Shoe			
					Latch Down			
					LMV 10			
					Service Supervisor			
					Pumptrk Charge Squeeze			
					Mileage 10x2			
					Tax			
					Discount			
X Signature <i>[Signature]</i>					Total Charge			

QUALITY WELL SERVICE, INC.

6297

Federal Tax I.D. # 481187368

Home Office 324 Simpson St., Pratt, KS 67124

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

PO# PWS 15012901

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

Date	01-29-15	Sec.		Twsp.		Range		County	Pratt	State	KS	On Location	9:00 AM	Finish	1:00 PM		
Lease	PWSI	Well No.	1-7 SWD		Location												
Contractor	Pratt w/s							Owner								Tuka Carmi Devel	
Type Job	Peaf Squeeze							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	T.D.							Charge To								Tuka Carmi	
Csg.	5 1/2							Depth								3446	
Tbg. Size	2 7/8							Depth								3446	
Tool								Street									
Cement Left in Csg.								City								State	
Meas Line								The above was done to satisfaction and supervision of owner agent or contractor.									
EQUIPMENT							Cement Amount Ordered									25 5x class A + (2% cc)	
							(used 25 5x w/ 1% cc)										
Pumptrk	8	No.	David F		Common								25				
Bulktrk	9	No.	Derek B.		Poz. Mix												
Bulktrk		No.			Gel.												
Pickup		No.	David B.		Calcium								1				
JOB SERVICES & REMARKS							Hulls										
Rat Hole							Salt										
Mouse Hole							Flowseal										
Centralizers							Kol-Seal										
Baskets							Mud CLR 48										
D/V or Port Collar							CFL-117 or CD110 CAF 38										
PKR Set at 3446', attempt an inject							Sand										
Rate, Press to 500# then to 700# slow							Handling									26	
Bleed off, Put end of Tubing at 3488'							Mileage									10	
Balance 25 5x class A + 1% cc + Pull 5							FLOAT EQUIPMENT										
stands, Reverse out w/ 25 BBLs, Saw							Guide Shoe										
cement Plug, Set PKR, start Disq w/ Brine							Centralizer										
Press up to 500# at 1/2 BBLs out, Hesitate							Baskets										
Pump to 700# until 3/4 BBLs, Shut in							AFU Inserts										
w/ 650# on tubing							Float Shoe										
							Latch Down - Squeeze Manifold										
							1 MV 10										
							Service Supervisor										
							Pumptrk Charge									Squeeze	
							Mileage									10 x 2 =	
																Tax	
																Discount	
Signature							D. M. Brady									Total Charge	

QUALITY WELL SERVICE, INC.

Federal Tax I.D. # 481187368

6293

Home Office 324 Simpson St., Pratt, KS 67124

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

PO. PWS 15012302

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

Date	01 23 15	Sec.		Range		County	Pratt	State	KS	On Location	1:00PM	Finish	5:30PM
Lease	PWSI	Well No.	1-7 SWD	Location									
Contractor	Pratt well					Owner	Iuka Carmi. Devel.						
Type Job	Perf. Squeeze					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	T.D.					Charge To	Iuka Carmi.						
Csg. Size	5 1/2					Depth							
Tbg. Size	2 7/8					Depth							
Tool	Bridge Plug / Retainer					Depth	4250 / 4105						
Cement Left in Csg.	Shoe Joint					The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line	Displace					Cement Amount Ordered	150 sx 60:40:4% gel + 2%						
EQUIPMENT													
Pumptrk	8	No.	Derek B.		Common	90							
Bulktrk	9	No.	David B.		Poz. Mix	60							
Bulktrk		No.			Gel.	5							
Pickup		No.	David P		Calcium	3							
JOB SERVICES & REMARKS													
Rat Hole						Hulls							
Mouse Hole						Salt							
Centralizers						Flowseal							
Baskets						Kol-Seal							
D/V or Port Collar						Mud CLR 48							
Sting into Retainer, at 4105, Pump into w/ 25 BBls, No Blow on Back side, Pump into Perfs on Backside at 3500, No flow on tubing, injection Rate 2 1/2 BPM at 400# Mix 100sx. No PSI increase, continue to 150sx, stop - Wash, Start Disp. w/ Fresh H2O, at 4 BBls engage Pump. PSI increase, Slow rate to 1 1/2 BPM PSI 450#, at 14 PSI at 600, stage to 19 BBls PSI at 850 Holding, Sting out Reverse out w/ 36 BBls						CFL-117 or CD110 CAF 38							
						Sand	2						
						Handling	160						
						Mileage	10						
FLOAT EQUIPMENT													
						Guide Shoe							
						Centralizer							
						Baskets							
						AFU Inserts							
						Float Shoe							
						Latch-Down	Squeeze manifold						
						LMV	10						
						Service supervisor							
						Pumptrk Charge	Squeeze						
						Mileage	10 x 2						
											Tax		
											Discount		
											Total Charge		
X Signature	Donald W. Ingham												

