

BASIC

energy services, L.P.

TREATMENT REPORT

Customer UNIT PETROLEUM	Lease No.	Date 3-24-2012
Lease OVERALL	Well # 1-21H	
Field Order # 05487	Station PRATT, KS.	Casing 4 1/2"
Type Job CNW - 4 1/2" LINER/HORIZONTAL	Formation TD-8115'	Depth 3
		County RENO
		State KS.
		Legal Description 21-255-10W

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2" x 11.6"	Tubing Size	Shots/Ft	CMT -	Acid 20SKS PREMIUM	RATE	PRESS	ISIP	
Depth 3985'	Depth	From	RMT -	Pre Pad 400SKS PREMIUM	Max 47-SHOETRACK ST.		5 Min	W/ FLOAT COLLAR
Volume 601.33BL	Volume	From	To	Pad	Min 3985' 4 1/2" x 11.6"		10 Min.	
Max Press 5000	Max Press	From	To	Frac	Avg 2611' - IF D.P.		15 Min.	
Well Connection BAKEL-HEAD	Annulus Vol. 41.5 PPM	From	To		HHP Used 81473' - H.D.D.P.			Annulus Pressure
Plug Depth 6136'	Packer Depth	From	To	Flush 87.53BL	Gas Volume			Total Load

Customer Representative **LARRY** Station Manager **D. SCOTT** Treater **C. MESSICK / K. LESLEY**

Service Units	37586	37216	19903	19905	19826	19860	19832	21010			
Driver Names	LESLEY	MESSICK	MATEL	WRIGHT	MCCRAW		YOUNG				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00 AM					ON LOCATION - SAFETY MEETING
9:00 AM					SPOT TRUCKS ON LOCATION
12:30 PM	3100		81	3	LINER ON BOTTOM - PUMP BALL THROUGH
12:55 PM	1100		12	6	MUDFLUSH
12:56 PM	1100		5	5	H ⁸ O SPACER
12:57 PM	1100		7	5	MIX 20SKS. PREMIUM @ 13.0 PPG
12:58 PM	1000		88	5	MIX 400SKS. PREMIUM @ 15.6 PPG
1:15 PM					CLEAR PUMP & LINE - DROP 3 1/2" PLUG
1:19 PM	0		0	6	START DISPLACEMENT
1:23 PM	600		26	5	3 1/2" PLUG LANDED IN 4 1/2" PLUG
1:35 PM	1800		87.5	4	4 1/2" PLUG LANDED
1:37 PM	0				RELEASE PSI ON CSG.
1:40 PM	1000		5	.25	PSI UP ON CSG.
1:41 PM	0				STRING OUT OF 4 1/2"
					PULL D.P. OUT OF WELL BORE
					✓
					JOB COMPLETE
					THANKS -
					KEVEN LESLEY



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TREATMENT REPORT

Customer Unit Petroleum	Lease No.	Date 3-14-17
Lease Over All	Well # 1-21H	
Field Order # 05603A	Station Pratt	Casing 7"
Type Job 7 Long String	Formation CWW	Depth 4583
		County Deno
		State KS.
		Legal Description 21-25-10

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 7"	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth 4583	Depth	From	To	500 gal. mud flush				5 Min.
Volume 175	Volume	From	To	95 SKS A-con @ 13H	Max			
Max Press 1000	Max Press	From	To	130 SKS AA2 @ 15H	Min			10 Min.
Well Connection Swedge	Annulus Vol.	From	To	Frac	Avg			15 Min.
Plug Depth 4583	Packer Depth	From	To	Flush Disp H2O	HHP Used			Annulus Pressure
					Gas Volume			Total Load

Customer Representative (Brent Keys) Larry	Station Manager Scotty	Treater Allen
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Service Units	28443	23208	20920	19960	19915
Driver Names	Allen	Joe	Melton	Dale	Phyllis

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1230 AM					on loc. Discuss Safety, Setup, Plan Job
					Run 7" casing 26" pipe.
4:40					CASING @ 4583' CIR w/ Rig.
5:30	300#		12	5	Pump 12 BBL mud flush
			33	5	mix + Pump 95 SKS A-con Blend 13H
	300#			5	mix + Pump 130 SKS AA2 @ 15H
			33		Finish mix, Drop Plug.
6:00				6 1/2	start Disp - washup on Top of Plug.
	800#			5	caught Lift w/ 10-5 BBL's out.
6:30	1100#		174	4	Plug down
	0#				Release PSI - "OK"
					Knock loose + Rackup Equip.
					Job complete.
					thanks Allen, Joe, Dale

Customer: **UNIT PETROLEUM** Lease No. _____ Date: **3-8-2012**
 Lease: **OVERALL** Well #: **1-214**
 Field Order #: **05971088** Station: _____ Casing: **9 5/8"** Depth: _____ County: **RENO** State: **KS.**
 Type Job: **CND-9 5/8" INTERMEDIATE** Formation: **TD-1550'** Legal Description: **21-255-10W**

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 9 5/8" x 36"	Tubing Size	Shots/Ft	CMT-	Acid 300SKS A-CON	RATE	PRESS	ISIP	0.773 BBL/FT
Depth 1547.98'	Depth	From	To 1	Pre. Pac @ 2.12 CUFT³	Max.	SS - 44.45'	5 Min.	
Volume	Volume	From	To	Pad 305SKS COMMON	Min.		10 Min.	
Max Press 1000	Max Press	From	To	Frac @ 1.20 CUFT³	Avg		15 Min.	
Well-Connection P.C.	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth 1503.53'	Packer Depth	From	To	Flush 116.2 BBL	Gas Volume		Total Load	

Customer Representative: **BRENT KEYS** Station Manager: **D. SCOTT** Treater: **K. LESLEY**

Service Units	37586	19889	19843	19960	19918	19831	19862				
Driver Names	LESLEY	MARQUEZ	PHYE	PHYE	PHYE	BOWER	PHYE				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
11:00PM	2-7-12				ON LOCATION - SAFETY MEETING
11:30PM					SPOT TRUCKS ON LOCATION
4:00AM					RUN 37 JTS. 9 5/8" x 36" CSG.
5					RIG RAN FLOAT EQUIPMENT
7:30AM					CSG. ON BOTTOM
8:00AM					HOOK UP TO CSG. / BREAK CIRC. W/ RIG
8:55AM	300		5	6	H ₂ O AHEAD
9:00AM	300		113	6	MIX 300 SKS. A-CON @ 12.6 PPG
9:19AM	250		45	6	MIX 305 SKS. COMMON @ 15.6 PPG
9:30AM			120	6	SHUT DOWN - RELEASE WOOD PLUG
9:35AM	0		0	5	START DISPLACEMENT
9:56AM	400		100	4	SLOW RATE
10:00AM	500		116.2	3	PLUG DOWN - HELD
					CIRC. THRU JOB
					CIRC. 25 BBL TO PIT

JOB COMPLETE,
THANKS -
KELEN LESLEY

119141

Customer Unit Petroleum Company	Lease No. Overall	Lease Overall	Well # 1-21H	Date 3-6-12
Field Order # 4311	Station Pratt Kansas	Casing" 13/8 48Lb	Depth 231 Feet	County Reno
Type Job C.N.W - Surface	Formation	Legal Description 21-255-10W		

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 13/8 48	Tubing Size 4.611 FT.	Shots/Ft	270s	Acid	COMMON CEMENT WITH	RATE	PRESS	ISIP
Depth 231 Feet	Depth	From	208 Calc	Pre-Pack	UM Chloride	Max	Cell Note	5 Min.
Volume 36.3 Bbl.	Volume	From	To 15.6 Lb.	Pre-Pack	5.23 Gal./s	Min	U.F.T. 1/sk	10 Min.
Max Press 400 P.S.I.	Max Press	From	To	Trace		Avg		15 Min.
Well Connection 2 Wedge and 2 1/2	Annulus Vol.	From	To 75 sacks	Cement for 1"	(Common with 28 Calc	Annulus Pressure	UM Chloride)	
Plug Depth 19 Feet	Packer Depth	From	To	Flush	30 Bbl. Fresh Water	Gas Volume	Total Load	

Customer Representative Drent Keys	Station Manager David Scott	Treater Clarence R. Messick
Service Units 37,216	33,708	20,920
Driver Names Messick	Melson	Lawrence

Time AM	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
4:45					Trucks on location and hold safety meeting.
9:30					Union Drilling start to run Regular Guide Shoe with Auto Fill Insert screwed into it and a total of 5 Joints new 4 3/8 Lb./Ft. 13 3/8" casing. A Basket was installed above collar #3. A centralizer was installed on collars # 1, 3, 4.
10:30					Casing stacked out - 20 Feet off of Bottom. Hook up sledge to circulate casing down but it was plugged up.
12:15					Call Log-Tech to perforate casing. Log-Tech made 4 holes at 231 Feet.
1:30					Hook up to circulate. Casing would not go down.
1:40	300	Air	10	5	Start Fresh water Pre-Flush.
	300		10	5	Start mixing 270 sacks common cement.
	350		17	5	Start Fresh water Displacement and wash up pump truck.
2:10	400		17		Plug down. Shut in well.
2:10	400		17		Run tape measure down Annulus and tag Basket 66 Feet down. Order more cement.
4:20					Run 60 Feet of 1" tubing.
4:35	300			2	Start mixing common cement with 28 calcium chloride.
4:45			16		Cement circulated to surface. Pull 1" tubing out of well. Wash up pump truck.
5:00					Job Complete.