



BASIC
ENERGY SERVICES

Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer:	Daystar Petroleum Inc	Cement Pump No.:	38117, 19919 11Hrs.	Operator TRK No.:	96816	
Address:	P. O. Box 560	Ticket #:	1718 19599 L	Bulk TRK No.:	37712, 19883 Cory	19827, 37725 Sam
City, State, Zip:	Eureka Ks 67045	Job Type:	Z-42 Cement Production Casing			
Service District:	1718 - Liberal, Ks.	Well Type:	OIL			
Well Name and No.:	Graves # 3	Well Location:	16-22S-33W	County:	Finney	State: Kansas

Type of Cmt	Sacks	Additives	Truck Loaded On		
AA2 Cement	170	10% Gypsum, 10% Salt, 5# Gilsonite, .8% C-17, 1/4# Defoamer	37712, 19883 Cory	Front	Back
A-Serv Lite	50	1/4# Polyflake	19827, 37725 Sam	Front	Back
A-Serv Lite	350	1/4# Polyflake	19827, 37725 Sam	Front	Back
AA2 Cement	100	10% Gypsum, 10% Salt, 5# Gilsonite, .8% C-17, 1/4# Defoamer	37712, 19883 Cory	Front	Back
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel
Tail 1:	14.8	1.51	6.63	256.7	TT Man Hours: 68
Rat & Mouse:				50	
Lead:	12.3	2.03	11.35	710.5	
Tail 2:	14.8	1.51	6.63	151	# of Men on Job: 4

Time (am/pm)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
		T	C	Tubing	Casing	
4:50 PM						ON LOCATION / RUN FLOAT EQUIPMENT
8:50 PM						SAFETY MEETING
21:00						RIG UP
22:10						CIRCULATE
12:00 AM						RIG TO PT
0:13						PRESSURE TEST TO 4100PSI
0:17	3.2	11.9			200	PUMP 500GAL MUD FLUSH
0:27	6.4	45.7 slurry			390	PUMP 170SX TAIL @ 14.8#
0:36						SHUTDOWN / DROP PLUG
0:47	7.2	10			180	DISPLACE
	7.2	20			180	
	7.2	30			180	
	7.2	40			160	
	7.2	50			160	
	7	60			160	
0:57		66				SWITCH TO MUD
	6.2	80			140	
	6	90			320	
	6	100			530	
1:05	5.8	103			600	SLOW RATE TO 2.0BPM @ 510PSI

Size Hole	7 7/8"	Depth			TYPE	Plug Container	
Size & Wt. Csg.	5 1/2" 15.5#	Depth	4801'	New / Used	Packer	Depth	
Landing Press 1	521.9psi	Landing Press 2	518.3psi		Retainer	Depth	
Shoe Jt.	42.09'	Type			Perfs	CIBP	
Customer Signature: <i>[Signature]</i>					Basic Representative:	Daniel Beck	
					Basic Signature:	<i>[Signature]</i>	
					Date of Service:	8/9/2019	



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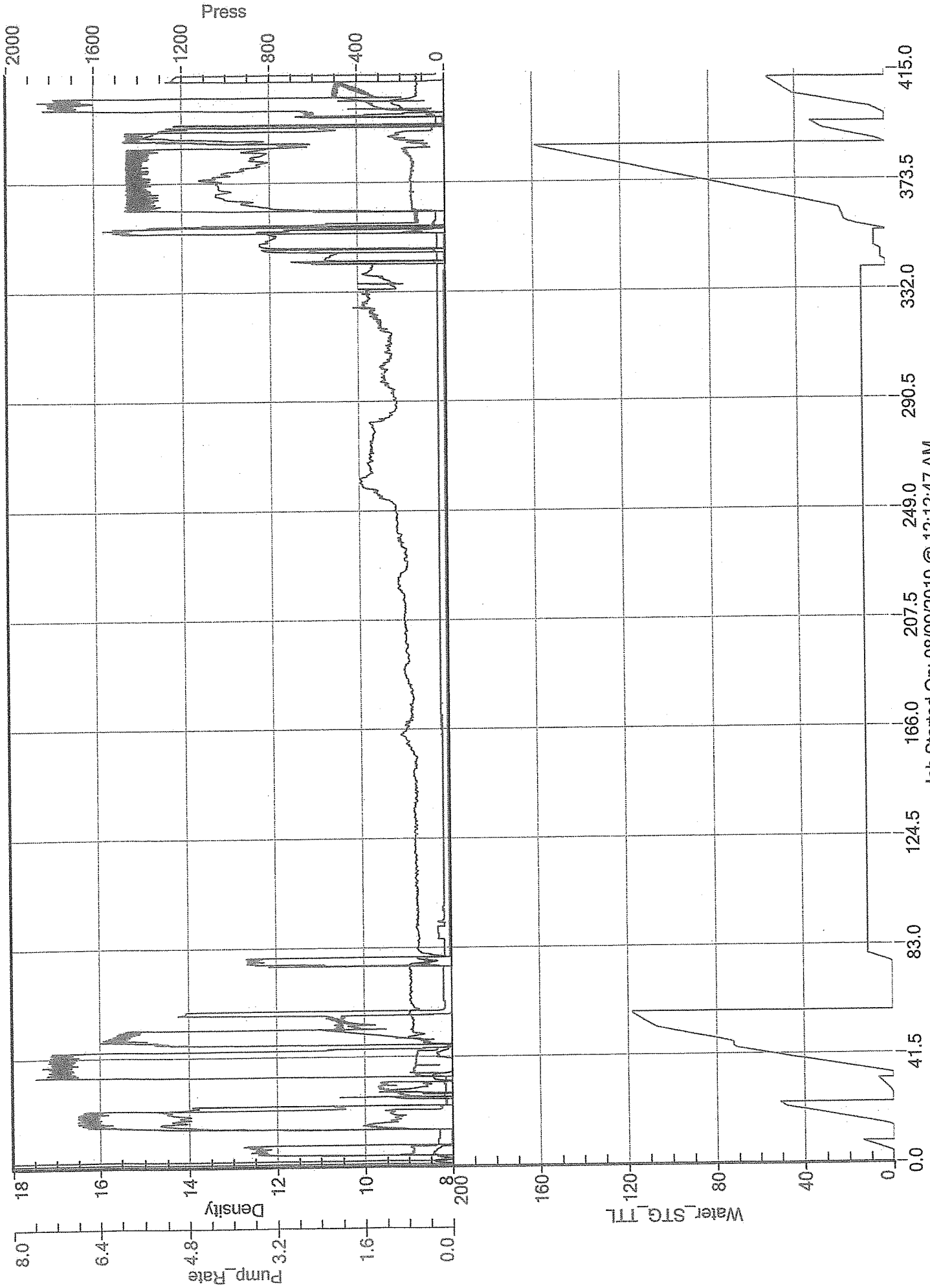
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Service District:	1718-Liberal	Well Type:	OIL		
Well Name and No.:	Graves # 3	Well Location:	16-22S-33W	County:	Finney
				State:	Kansas

Time (am/pm)	BPM	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
	2	110				510	
1:10	2	113.2				560	LAND PLUG / PRESSURE UP TO 1240PSI
1:12							RELEASE BACK --- PLUG HELD
1:16		10					DROP OPENING TOOL / OPENED @ 870PSI
1:32							SHUTDOWN / CIRCULATE
5:55							CEMENT RAT & MOUSE W/ 50SX
6:08	6	126.5 slurry				130	PUMP LEAD 350SX @ 12.3#
6:41	5.8	26.8				200	PUMP TAIL 100SX @ 14.8#
6:49							SHUTDOWN / DROP CLOSING PLUG
6:52	7	10				310	DISPLACE
	7	20				330	
	7	30				430	
7:00 AM	7	36				480	SLOW RATE TO 2.0BPM @ 320PSI
	2	40				380	
7:06	2	46.8				500	LAND CLOSING PLUG / PRESSURE UP TO 1250PSI
7:08							RELEASE BACK --- PLUG HELD
							JOB COMPLETE

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Shoe Jt.	42.09'	Type			Perfs	CIBP	
Customer Signature:					Basic Representative:	Daniel Beck	
					Basic Signature:	<i>Daniel Beck</i>	
					Date of Service:	8/9/2019	

Daystar Petroleum

Graves3



Job Started On: 08/09/2019 @ 12:12:47 AM