



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

**PRESSURE PUMPING**

**Job Log**

<b>Customer:</b>	LD DRILLING	<b>Cement Pump No.:</b>	38119-19570	<b>Operator TRK No.:</b>	78940
<b>Address:</b>		<b>Ticket #:</b>	1717-06638	<b>Bulk TRK No.:</b>	14354-19578 30463-37547
<b>City, State, Zip:</b>		<b>Job Type:</b>	Z42 - Production Casing		
<b>Service District:</b>		<b>Well Type:</b>	OIL		
<b>Well Name and No.:</b>	Limited #2-31	<b>Well Location:</b>	31,14,29	<b>County:</b>	Gove <b>State:</b> Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
AA2	175	10% Salt, 10% Gypsum .8% FLA-322, 1/4# Cellflake, 6# Gilsonite	14354-19578	Front	
A'Con	300	3% Calcium Chloride, 1/4# Cellflake	30463-37547	Front	Back
60/ 40 Poz	30		14354-19578		Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
<b>Lead:</b>	14.8	1.54	6.52	269.5	Man Hours:	10
<b>Tail:</b>	11.6	2.77	16.75	831	# of Men on Job:	4

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
6:00							Called out for Job
10:00							On Location- Site assesment
10:15 AM							Spot equipment- Rig up
2:00 PM							Start FE & CSG
4:30 PM							Casing on Bottom Hook up PC & Circ w/ rig
17:00							Safety meeting- JSA
							Circ. To pit
6:00 PM							Thru Circ hook Iron to PT
18:10						3000	PSI Test Lines
18:12	6	24				200	Pump Mud Flush
18:17	6	5				200	Pump Fresh Water Spacer
18:20	6	48				150	Pump 175sx AA-2 @ 14.8#/Gal
18:30							Shut Down Clean Lines & Stuff Plug
18:35	7	60				100	Pump Displacement H2O
18:45	7	46.6				500	Pump Displacement Mud
18:40	7	72				250	BBLS in Start Lifting Cement
18:55	2	96				700	BBLS in Slow Rate
19:00		106.6				1200	Land Plug
19:05							Release Float ----- Helt
19:07							Drop Opening Plug
19:15	4	6				50	Plug rat hole w/30 sx 60/40 Poz
19:25						800	Open Stage Tool
19:30							Thru Circ hook Iron to PT

Size Hole	7 7/8"	Depth	4388'		TYPE	
Size & Wt. Csg.	5 1/2" 14#	Depth	4383'	New / Used	Packer	Depth
DV	54 jt	Depth	2098'		Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature:	Basic Representative:	A Olvera
	Basic Signature:	
	Date of Service:	11/21/2015



# L. D. DRILLING, INC.

7 SW 26th Avenue  
GREAT BEND, KS 67530

TD-4388

Customer L.D. Drllg INC Order \_\_\_\_\_

Lease Limited #2-31 Date \_\_\_\_\_

Description of Pipe New 5 1/2"

Amount 112

Jts.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.	Ft.	Ins.
1	42	86	42	88	41	37	41	26		
2	41	31	42	87	42	90	42	90		
3	41	35	42	88	38	41	42	88		
4	42	86	42	38	41	49	41	45		
5	41	41	38	88	42	88	42	89		
6	42	90	42	89	42	89	42	25		
7	42	88	42	88	42	87	42	89		
8	42	78	42	86	41	80	42	89		
9	41	40	41	41	42	92	41	22		
10	41	40	41	40	41	86	41	37		
11	41	37	38	03	41	81	42	90		
12	42	86	36	18	42	91	42	91		
13	41	36	41	39	35	86	42	89		
14	42	90	42	89	42	37	42	91		
15	41	59	42	93	42	92	42	88	OUT	
16	41	34	42	96	42	90	42	91	OUT Bed	
17	42	89	42	89	38	56	33	93	OUT 1/2	
18	42	88	42	98	42	92	42	11	OUT	
19	42	91	42	90	41	55	43	00	OUT	
20	38	57	42	89	41	54	42	61	OUT	
21	41	42	42	90	42	91				
22	41	56	38	80	36	57				
23	42	90	38	90	42	88				
24	42	89	42	86	42	31				
25	42	89	41	30	42	89				
26	42	90	42	86	42	92				
27	42	83	41	18	41	80				
28	42	91	42	87	42	92				
29	41	38	41	24	42	71			ST-13	80
30	42	89	41	30	42	70			OUT	13 53
Total										

TOTAL PIECES \_\_\_\_\_ LENGTH \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_

RECEIVED BY \_\_\_\_\_ TALLIED BY \_\_\_\_\_

TD-4388'

5 1/2 SET AT 4383' - 105 JTS

13' SIDE JOINT

LSP AT 4370'

DV TOOL AT 2098' TOP OF #54

CIRCULATE CEMENT ON TOP SPACE.

PLUG DOWN AT 08:15 SATURDAY 11/21/15