

Dale Jackson Production Co.  
Box 266, Mound City, Ks 66056



Cell # 620-363-2683

Office # 913-795-2991

Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 3/4"
Longstring: 345' of 2 7/8" 8 round pipe	Cemented: 50	Hole Size: 5 5/8"
SN: 282	Packer:	TD: 350'
Plugged:	Bottom Plug:	

**Well Log**

Well #: 20-14
Location: NE,SE,SW,NW, S9-T20-R23E
County: LINN
FSL: 3135' S
FEL: 4151' E
API#:15-107-24972-00-00
Started: 6/23/14
Completed: 6/24/14

Lease:	Stainbrook
Owner:	Bobcat Oilfield Services Inc.
OPR #:	3895
Contractor:	DALE JACKSON PRODUCTION CO.
OPR #:	4339

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	Top Soil	1	312	Shale
3	5	Clay	4.5	316.5	Oil Sand (Very Shaley)(Fair Bleed)
33	38	Lime	12.5	329	Shale
3	41	Shale	3	332	Coal
3	44	Black Shale	4	336	Shale
1	45	Shale	9	345	Lime
21	66	Lime	TD	350	Shale
2	68	Shale			
2	70	Black Shale			
2	72	Lime			
5	77	Shale			
7	84	Lime			
1	85	Black Shale			
2	87	Shale			
10	97	Light Shale (Limey)			
39	136	Shale			
25	161	Sandy Shale			
44	205	Shale			
1	206	Coal			
4	210	Shale			
10	220	Light Shale			
12	232	Shale			
2	234	Coal			
7	241	Shale			
2	243	Lime			
29	272	Shale			
6	278	Lime			
3	281	Shale			
1	282	Light Shale (Limey)			
1	283	Light Sandy Shale(Oil Sand Stks)(Poor Bleed)(Limey)			
5.5	288.5	Oil Sand (Good Bleed)			
2.5	291	Oil Sand (Shaley)(Fair Bleed)			
3	294	Sandy Shale(Oil Sand Stks)(Fair Bleed)			
1	295	Oil Sand (Some Shale)(Good Bleed)			
3	298	Oil Sad (Very Shaley)(Fair Bleed)			
1	299	Oil Sand (Good Bleed)			
3	302	Oil Sand (Very Shaley)(Fair Bleed)			
2	304	Oil Sand (Some Shale)(Good Bleed)			
1.5	305.5	Oil Sand (Shaley)(Fair Bleed)			SET SURFACE - 2:00 PM - 6/23/14
1.5	307	Sandy Shale(Oil Sand Stks)(Poor Bleed)			CALLED IN 12:23 PM - TALKED TO MIKE
1.5	308.5	Oil Sand(Shaley)(Good Bleed)			LONGSTRING - 345' of 2 7/8" 8' ROUND PIPE
1.5	310	Shale			SET TIME 12:30 PM - 6/24/14
1	311	Oil Sand (Shaley)(Good Bleed)			CALLED IN 11:17 AM - TALKED TO MICHELLE



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# Core Run #1

FT	Depth	Clock	Time	Formation/Remarks	Depth
0	283	0:00	-----	Oil Sand Good Bleed	288.5
1	284	0:45	.75		
2	285	1:45	1		
3	286	2:30	.75		
4	287	3:30	1		
5	288	4:15	.75		
6	289	5:00	.75	Oil Sand (Shaley)(Fair Bleed)	291
7	290	6:00	1	Sandy Shale (Oil Sand Stks)(Fair Bleed)	294
8	291	6:45	.75		
9	292	7:45	1		
10	293	8:45	1	Oil Sand (Some Shale)(Good Bleed)	295
11	294	9:45	1		
12	295	10:45	1	Oil Sand (Very Shaley)(Fair Bleed)	298
13	296	11:45	1	Oil Sand (Good Bleed)	299
14	297	12:45	1		
15	298	14:00	1.25		
16	299	15:00	1	Oil Sand (Very Shaley)(Fair Bleed)	302
17	300	16:00	1	Oil Sand	
18	301	17:00	1		
19	302	18:00	1		
20	303	19:00	1		



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## Core Run #2

FT	Depth	Clock	Time	Formation/Remarks	Depth
0	303	0:00	-----	Oil Sand (Some Shale)(Good Bleed)	304
1	304	1:15	1.25		
2	305	2:15	1	Oil Sand (Shaley)(Fair Bleed)	305.5
3	306	3:45	1.5	Sandy Shale(Oil Sand Stks)(Poor Bleed)	307
4	307	5:30	1.75		
5	308	6:30	1	Oil Sand (Shaley)(Good Bleed)	308.5
6	309	8:00	1.5	Shale	310
7	310	9:45	1.75		
8	311	11:15	1.5	Oil Sand (Shaley)(Good Bleed)	311
9	312	13:15	2	Shale	312
10	313	14:30	1.25		
11	314	15:30	1	Oil Sand (Very Shaley)(Fair Bleed)	316.5
12	315	16:30	1		
13	316	18:00	1.5	Shale	
14	317	20:00	2		
15	318	22:15	2.25		
16	319				
17					
18					
19					
20					

RECEIVED BY

X

QUANTITY	UNIT	DESCRIPTION	PRICE	TOTAL
240	EA	PLYSH	5.45 /EA	1,308.00
280	EA	PORTLAND	9.50 /EA	2,660.00
14	EA	PALETT	15.00 /EA	210.00
14	EA	SHRINK WRAPPED PALETT	5.00 /EA	70.00
1	EA	FUEL	50.41 /EA	50.41

Handwritten: 20-14 Stankbrook

ORDER NO. 91383/5871  
 PURCHASE ORDER NO. 91383/5871  
 ORDER DATE: 6/16/14  
 DEL. DATE: 6/16/14  
 TO: MOSSMAN LUMBER  
 1/2 Mile North of Louisburg  
 27295 Market Rd.  
 P.O. Box 729  
 Louisburg, Kansas 66053  
 913-837-2955 • 1-800-521-1764

FROM: RR ROBERT RAO  
 001 LOUISBURG, KS  
 TAX: 79392

DOC# 179334  
 \*\*\*\*\*  
 \* INVOICE \*  
 \*\*\*\*\*  
 ORDER 79392

DATE	6/16/14
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True Value.

**MOSSMAN LUMBER COMPANY**  
 1/2 Mile North of Louisburg  
 27295 Market Rd.  
 P.O. Box 729  
 Louisburg, Kansas 66053  
 913-837-2955 • 1-800-521-1764



Handwritten signature or initials.

Handwritten: 11 25 97

TOTAL WEIGHT 502.55  
 TOTAL LENGTH 4,800.57  
 NON-TAXABLE 0.00  
 TAX 79.39