

*Well # 4-10*

Lease :	Schendel	
Owner:	Bobcat Oilfield Services Inc.	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface:	Cemented:	
20FT, 6IN	5 SACKS	8 3/4
Longstring	Cemented:	Hole Size:
712' 2 7/8"	90	5 5/8



**Dale Jackson Production Co.**  
 Box 266, Mound City, Ks 66056  
 Cell # 620-363-2683  
 Office # 913-795-2991

Location:	SW NW NW S24 T16 R21
County:	Miami
FSL:	4230
FEL:	3360
API#:	15-121-28792-00-00
Started:	8-13-10
Completed:	8-19-10

SN:	NONE	Packer:	
Plugged:		Bottom Plug:	

TD: 722

hydrill

### Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	Top soil	3	677	Oil sand (very shaley) (some water)
5	7	Clay	3	680	Sandy shale (oil sand str.)
7	14	Lime	TD	722	Shale sandy
4	18	Black shale			
19	37	Lime sandy shale			
6	43	Lime			
16	59	Shale			
7	66	Red bed			
4	70	Sandy shale			
18	88	Lime			
18	106	Sandy shale			
26	132	Shale			
63	195	Lime			
20	215	Shale			
8	223	Sand (dry)			
9	232	Shale			
13	245	Lime			
8	253	Shale			
18	271	Shale			
14	285	Sand (dry)			
8	293	Lime			
22	315	Shale			
23	338	Lime			
13	351	Black shale			
19	370	Lime			
5	375	Black shale			
17	392	Lime			
22	414	Shale			
22	426	Sandy shale			
64	490	Shale			
5	495	Sandy shale (oil sand str.)			
5	502	Sandy shale			
50	552	Shale			
8	560	Lime			
22	582	Shale			
2	584	Coal			
13	597	Sandy shale (oil sand str.)			
14	611	Shale			
4	615	Lime (odor)			
6	621	Coal			
12	633	Shale (limy)			
5	638	Black shale			
19	657	Lime (shaley)			
8	665	Shale			
2	667	Oil sand (fair bleed)(some shale)			
1	668	Oil sand (very shaley)(water)			
6	674	Oil sand (fair bleed)			