

Lease:	McCann	
Owner:	Bobcat Oilfield Services Inc	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 3/4"
Long string: 710' of 2 7/8" 8 round	Cemented: 110 sacks	Hole Size: 5 5/8"

Dale Jackson Production Co.
Box 266, Mound City, Ks 66056
Cell # 620-363-2683
Office # 620-363-2696



Well #: WW-23
Location: SE, NW, SW, NE, S30-T16-R22E
County: Miami
FSL: 3452
FEL: 1989
API#: 15-121-31531-00-00
Started: 10/26/18
Completed: 10/31/18
TD: 720'

SN: none	Packer: -
Plugged: -	Bottom Plug:-

Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	Top Soil	2	561	Lime
4	5	Clay	8	569	Shale
3	8	Lime & Clay	3	572	Coal
5	13	Clay	19	591	Shale
1	14	Black Shale	3	594	Oil sand (poor bleed)
13	27	Lime	1	595	Shale (oil sand strks)
9	36	Shale	9	604	Shale
10	46	Lime	4	608	Lime
2	48	Shale (limey)	4	612	Coal
8	56	Lime	13	625	Shale (limey)
23	79	Shale	8	633	Shale
15	94	Lime	3	636	Lime
7	101	Shale	5	641	Shale
11	112	Sandy shale	3	644	Black shale
9	121	Shale	2	646	Shale
18	139	Sandy Shale	5	651	Shale (limey)
52	191	Shale	1	652	Light Shale
20	211	Lime	1	653	Oil sand (some shale) (poor bleed)
15	226	Shale	3	656	Oil Sand (shaley) (poor bleed)
14	240	Light Shale	3	659	Oil sand (oil and water) (poor bleed)
5	245	Lime	2	661	Oil sand (oil and water) (fair bleed)
8	253	Shale	1	662	Oil sand (oil and water) (poor bleed)
4	257	Sandy shale	1	663	Oil sand (shaley) (poor bleed)
1	276	Shale	1	664	Oil sand (very shaley) (poor bleed)
13	289	Lime	3	667	Oil sand (oil and water) (poor bleed)
3	292	Black shale	3	670	Oil sand (oil and water) (fair bleed)
14	306	Shale	1	671	Oil sand (very shaley) (poor bleed) (some shale)
23	329	Lime	2	673	Sand Shale (oil sand strks)
6	335	Black Shale	TD	720	Shale
2	337	Shale light			
29	366	Lime			
5	371	Black Shale			
5	367	Lime			
105	481	Shale			
4	485	Sandy Shale (Oder)			Surface 10-26-18
29	514	Shale			Set Time 5:00 pm
15	529	Light Shale			Called 3:30 pm Talked to Brooke
2	531	Sand (odor)			Long string 709', 2 7/8" 8 round
4	535	Sand (limey)			Set time 2:30 pm, 720" TD
1	586	Oil sand (poor bleed)			Called 1:30 pm 10-31-18
5	541	Light Shale			Talked to Ryan
10	551	Lime			
8	559	Shale			