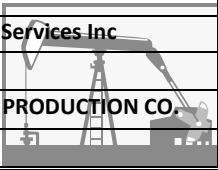


Lease:	McCann	
Owner:	Bobcat Oilfield Services Inc	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 3/4"
Long string: 703' Of 2 7/8" round	Cemented: Did not cement	Hole Size: 5 5/8"



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



Well #: WW-22
Location: SE,NW,SW,NE, S30-T16-R22E
County: Miami
FSL: 3623
FEL: 2277
API#: 15-121-31530-00-00
Started: 10/23/18
Completed: 10/25/18
TD: 710'

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

Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	Top soil	9	545	Shale
9	10	Clay	5	550	Lime
2	12	Black Shale	19	569	Shale
9	21	Lime	2	571	Lime
3	24	Shale	3	574	Oil sand (some shale) (fair bleed)
16	40	Lime	3	577	Sand Shale (Oil sand strks)
38	78	Shale	11	588	Sand shale
10	88	Lime (shaley) (taking fluid)	3	591	Shale lime
24	112	Shale	5	596	Lime
6	118	Sandy Shale	2	298	Black shale
61	179	Shale	25	621	Shale (limey)
19	198	Lime	3	624	Lime
12	210	Shale	10	634	Shale Black
5	215	Sand Shale	2	636	Lime
6	221	Shale	5	641	Shale
1	222	Red Bed	1	642	Sandy shale (oil sand strks)
6	228	Light shale limey	2	644	Oil sand (very shaley)
5	233	Lime	6	650	Oil Sand (some water) (fair bleed)
17	250	Shale	4.5	654.5	Oil sand (some shale) (fair bleed)
5	255	Red Bed	4	658.5	Shale (Oil sand strks)
10	265	Shale	2	660.5	Oil sand (very shaley) (fair bleed)
13	278	Lime	3.5	664	Shale (Oil sand strks)
7	285	Black Shale	TD	710	Shale
3	288	Lime			
8	296	Shale			
20	316	Lime			
12	328	Shale			
22	350	Lime			
5	355	Black Shale			
2	357	Lime			
6	363	Shale (limey)			
6	369	Lime			
21	390	Shale			
1	391	Lime			
84	475	Shale			
1	476	Sand shale (oil sand strks) (odor)			Surface 10-23-18
1	477	Oil Sand (very shaley) (poor bleed)			Set time 3:30 pm
4	481	Sand Shale (oil sand strks)			Called 1:30 pm, Talked to Brooke
10	491	Shale (limey)			Long string 703' of 2 7/8 round, 710 TD
35	526	Shale			Set time 2:30 pm, 10-25-18
2	528	Lime			Called 1:30 pm Talked to Brooke
4	532	Lime (oil sand strks) (odor)			
4	536	Lime			