

Lease:	Spindle	
Owner:	Bobcat Oilfield Services Inc	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface: 20' of 6"	Cemented: 5 Sacks	Hole Size: 8 ¾"
Long string: 416' 2 7/8 8 round	Cemented: 62	Hole Size: 5 5/8

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



Well #: 1W-18
Location: NW,SW,SE,SW, S18-T17_R24E
County: Miami
FSL: 646
FEL: 3771
API#: 15-121-31558-00-00
Started: 12/10/18
Completed: 12/11/18
TD: 421'

SN: None	Packer: -
Plugged: -	Bottom Plug: -

Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	Top Soil			
2	3	Clay			
7	10	Lime (clay strks)			
23	33	Shale			
11	44	Lime			
7	51	Shale sandy			
5	56	Sand			
4	60	Shale			
1	61	Black Shale			
14	75	Shale			
4	79	Lime			
44	123	Shale			
12	135	Lime			
13	148	Shale			
10	158	Lime (odor)			
3	161	Shale			
15	176	Lime			
3	179	Black Shale			
2	181	Shale			
23	204	Lime			
2	206	Black Shale			
13	219	Lime			
27	246	Shale			
3	249	Sand			
11	260	Shale Sandy			
76	336	Shale			
10	346	Light Shale			
22	368	Shale			
2	370	Black Shale			
4	374	Light Shale			
1	375	Sandy Shale (odor) (oil sand strks)			
2	377	Lime (odor)			
1	378	Oil Sand very shaley (poor bleed)			
1	379	Oil Sand (some shale) (poor bleed)			
2	381	Lime			
3	384	Oil Sand (very limey) (poor bleed)			Surface 12/10/18, Set time 1:00 pm
2	386	Oil Sand (very shaley) (poor bleed)			Called 12:00 pm, Talked to Michelle
1	387	Oil Sand (some shale) (poor Bleed)			Long string 416' 2 7/8, 8 round, TD 421'
1	388	Oil Sand (very shaley) (poor bleed)			12/11/18, Set Time 2:00 pm
2	390	Oil Sand (some shale) (poor bleed)			Called 1:00pm Talked to Brooke
4	394	Shale			
2	396	Sandy Shale (oil sand strks) (limey)			
TD	421	Shale			