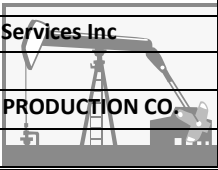
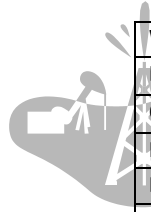


Lease:	Spindle	
Owner:	Bobcat Oilfield Services Inc	
OPR #:	3895	
Contractor:	DALE JACKSON PRODUCTION CO.	
OPR #:	4339	
Surface: 20' of 6'	Cemented: 5 Sacks	Hole Size: 8 3/4"
Long string: 416' 2 7/8 8 round	Cemented: 63 sacks	Hole Size: 5 5/8



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



Well #: 2W-18
Location: NW,SE,SE,SW, S18-T17-R24E
County: Miami
FSL: 372
FEL: 3084
API#: 15-121-31559-00-00
Started: 12/12/18
Completed: 12/13/18
TD: 421'

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

## Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	Top Soil			
6	7	Clay			
11	18	Lime			
24	42	Shale			
12	54	Lime			
7	61	Shale			
6	67	Sand			
17	84	Shale			
7	91	Lime			
14	105	Shale			
5	110	Sand (odor)			
1	111	Oil Sand (very shaley) (poor bleed)			
1	112	Oil Sand (poor bleed)			
2	114	Oil Sand (fair bleed)			
3	117	Oil Sand (some shale) (fair bleed)			
1	118	Sandy Shale (oil sand strks)			
10	128	Shale			
18	146	Lime			
12	158	Shale			
28	186	Lime (slight odor)			
4	190	Black Shale			
3	193	Shale			
22	215	Lime			
3	218	Black Shale			
2	220	Lime			
5	225	Shale			
10	235	Lime			
4	239	Light Shale			
6	245	Light Sandy Shale			
19	264	Shale			
3	267	Shale (black sand strks)			
79	346	Shale			
30	376	Light Shale			
3	379	Black Shale			
2	381	Light Shale			Surface 12/12/18, Set time 4:00 pm
3	384	Light Sand shale (odor)			Called 2:00 pm, Talked to Brooke
3	387	Oil Sand (some shale) (fair bleed) (limey)			Long String 416' 2 7/8 8 round, TD 421'
4	391	Oil Sand (fair blllead)			Set time 1:30 pm, 12/15/18
2	393	Oil Sand (shaley) (poor bleed)			Called 1:00 pm, Talked to Michelle
1	394	Oil Sand (some shale)(fair bleed)			
2	396	Oil Sand (very shaley) (poor bleed)			
5	401	Sandy shale (oil sand strks)			
TD	421	Shale			