Lease :	HARVEY
Owner:	BOBCAT OILFIELD SERVICES, INC.
OPR #:	3895
Contractor:	DALE JACKSON PRODUCTION CO.
OPR #:	4339

Surface: 20FT, 6IN	Cemented: 5 SACKS	Hole Size: 8 3/4
Longstring 342' 2 7/8'	Cemented: 50	Hole Size: 5 5/8

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

Well #: E-5	
Location - - ~~SZ~~ SW-NW-SE-SE, T: 20, S.R.:23	
County: LINN	
FSL: ~~660~~ 679	
FEL: ~~1320~~ 1318	
API#: 15-107-24287-00-00	
Started: 10-13-10	
Completed: 10-14-10	

SN: NONE	Packer:	TD: 349'
Plugged:	Bottom Plug:	

Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
1	1	TOP SOIL			
29	30	LIME			
4	34	SHALE			
3	37	BLACK SHALE			
22	59	LIME			
3	62	SHALE			
3	65	BLACK SHALE			
2	67	LIME			
4	71	SHALE			
6	77	LIME			
1	78	BLACK SHALE			
9	87	SHALE (LIMEY)			
27	114	SHALE			
8	122	SANDY SHALE (DRYS SAND STK)			
102	224	SHALE			
1	225	BLACK SHALE			
11	236	SHALE			
5	241	LIME			
23	264	SHALE			
1	265	LIME			
5	270	SHALE			
5	275	LIME (STRONG ODOR) (FLOW)			
7	282	SHALE (LIMEY)			
2	284	OIL SAND (VERY SHALEY) (POOR BLEED) (WATER)			
2.5	286.5	OIL SAND (SOME SHALE) (WATER)			
1.5	288	OIL SAND (OIL &WATER) (FAIR BLEED)			
1.5	289.5	LIME			
2	291.5	OIL SAND (LIMEY) (FAIR BLEED)			
5.5	297	OIL SAND (SOME SHALE) (GOOD BLEED)			
1	298	OIL SAND (SHALEY) (GOOD BLEED)			
2.5	300.5	SANDY SHALE (SOME OIL SAND STR) (FAIR BLEED)			
1.5	302	OIL SAND (SHALEY) (GOOD BLEED)			
2	304	OIL SAND (GOOD BLEED)			
4	308	SHALE (OIL SAND STR)			
2	310	OIL SAND (SOME SHALE) (FAIR BLEED)			
12	322	SHALE			
4	326	COAL			
4	330	SHALE			
4	334	LIME			
TD	349	SHALE			