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 338' 2 7/8 Hydrill	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 #: A-3 NE-NW
Location: ~~N2-N2-SW-SE~~, S:5, T: 20, S.R.: 23, E
County: LINN
FSL: ~~1300~~ 1312
FEL: ~~1980~~ 1989
API#: 15-107-24258-00-00
Started: 11-2-10
Completed: 11-3-10

SN: NONE	Packer:	TD: 342
Plugged:	Bottom Plug:	

Well Log

TKN	BTM Depth	Formation	TKN	BTM Depth	Formation
2	2	TOP SOIL			SURFACE: 11-1-10
2	4	CLAY			SET TIME: 4:30 P.M.
28	32	LIME			CALLED 1:40 P.M. MIKE
3	35	SHALE			
5	40	BLACK SHALE			LONG STRING 338' 2 7/8 HYDRILL TD 342'
19	59	LIME			SET TIME: 3:00 P.M. 11-3-10
2	61	SHALE			CALLED: 1:40 P.M. BECKY
3	64	BLACK SHALE			
13	77	LIME (SHALE) (FLOW) (GAS)			
1	78	BLACK SHALE			
10	88	SHALE (LIMEY)			
32	120	SHALE			
12	132	SANDY SHALE (DRY SAND STK)			
90	222	SHALE			
1	223	BLACK SHALE			
11	234	SHALE			
7	241	LIME			
23	264	SHALE			
8	272	LIME (OIL SHOW)			
2	274	SHALE			
2	276	OIL SAND (SHALE) (POOR BLEED) (WATER)			
3	279	OIL SAND (POOR BLEED) (WATER & GAS)			
1.5	280.5	LIME			
3	283.5	OIL SAND (POOR BLEED) (WATER)			
1.5	285	OIL SAND (SHALE) (POOR BLEED) (WATER)			
3	288	OIL SAND (POOR BLEED) (SOME WATER)			
5	293	OIL SAND (FAIR BLEED) (SHALE STK)			
1	294	SANDY SHALE (OIL SAND STK)			
1	295	OIL SAND (VERY SHALEY) (GOOD BLEED)			
2	297	SANDY SHALE (OIL SAND STK)			
3	300	OIL SAND (VERY SHALEY) (GOOD BLEED)			
4	304	SANDY SHALE (OIL SAND STK)			
3	307	OIL SAND (FAIR BLEED)			
13	320	SHALE			
3	323	COAL			
4	327	SHALE			
5	332	LIME			
TD	342	SHALE			