Lease :	HARVERY				Well #: E-6
Owner:	BOBCAT OILFIELD SERVICES				Location: W2, SE, SE, S:5, T:20, S.R.
OPR #:	3895	Deman	Dale Jackson Prod	uction Co.	23, E
Contractor: DALE JACKSON PRODUCTION CO.		Box 266, Mound City, Ks 66056		County: LINN	
OPR #:	4339	AA	Cell # 620-363-2683		FSL: 660 680
Surface:	Cemented:	Hole Size:	Office # 913-79	5-2991	FEL:-990 993
20FT, 6IN	5 SACKS	8 3/4	-		API#: 15-107-24288-00-00
Longstring	Cemented:	Hole Size:			Started: 11-10-10
HYDRILL	50 5 5/8				Completed: 11-11-10
Well Log			SN: NONE	Packer:	TD: 342
			Plugged:	Bottom Plug:	

BTM Depth	Formation	TKN	BTM Depth	Formation
1	TOPSOIL			
19	LIME			
22	SHALE			
27	BLACK SHALE			1
50	LIME			SURFACE: 11-10-10
52	SHALE			SET TIME: 4:30 P.M.
54	BLACK SHALE			CALLED 1:30 P.M BECKY
66	LIME (SHALEY)			-
67	BLACK SHALE			LONG STRING 338' 2 7/8
88	SANDY SHALE (LIMEY)			HYDRILL TD: 342' 11-12-10
108	SHALE			
130	SANDY SHALE (DRY SAND STK)	-		SET TIME 2:P.M.
216	SHALE			CALLED 8:30 A.MBECKY
217	BLACK SHALE			-
226	SHALE			-
232	SANDY SHALE (LIMEY)			-
256	SHALE			
264	LIME (OIL SHOW)	1		-
				-
270				
277	SANDY SHALE (SOME OIL SAND STREAKS) (GOOD			
278	SANDY SHALE (FRACTOR) (GOOD OIL & WATER			
280	OIL SAND SOME SHALE (HEAVY BLEED)			
281.5	OIL SAND SHALEY (HEAVY BLEED)			
282.5	SANDY SHALE (SOME OIL SAND STREAKS) (GOOD BLEED)			
282.5	OIL SAND (HEAVY OIL & SOME WATER FLOW)			
283.5	(FLOW WAS SO HEAVY SLOW DOWN CORE BARRELL)			
285.5	OIL SAND (SOME SHALE) (HEAVY BLEED)			
286.5	SANDY SHALE SOME OIL STREAKS (GOOD BLEED)			
287.5	OIL SAND (SHALEY) (GOOD BLEED)	1		
and the second s	SANDY SHALE			
290	OIL SAND VERY (SHALEY) (GOOD BLEED)			
291	SANDY SHALE			
292	OIL SAND (SHALEY) (GOOD BLEED)			
302	SANDY SHALE (SOME OIL SAND STREAKS) (FAIL			,
313	SHALE			
316	COAL			
321	the second s			
	1 19 22 27 50 52 54 66 67 88 108 130 216 232 256 264 266 268 270 276 277 278 280 281.5 282.5 283.5 285.5 285.5 285.5 285.5 285.5 290 291 292 302 313 316	1TOPSOIL19LIME22SHALE27BLACK SHALE50LIME52SHALE54BLACK SHALE66LIME (SHALEY)67BLACK SHALE88SANDY SHALE (LIMEY)108SHALE130SANDY SHALE (DRY SAND STK)216SHALE232SANDY SHALE (LIMEY)236SHALE237BLACK SHALE238SANDY SHALE (LIMEY)256SHALE256SHALE266SHALE268SANDY SHALE (OIL SAND STK)270OIL SAND (SOME SHALE) (SOME WATER) (FAIR BLEED)277SANDY SHALE (OIL SAND STK)270OIL SAND (SOME SHALE) (SOME WATER) (FAIR BLEED)277SANDY SHALE (SOME OIL SAND STREAKS) (GOOD BLEED)278SANDY SHALE (SOME OIL SAND STREAKS) (GOOD BLEED)280OIL SAND SOME SHALE (HEAVY BLEED)281.5OIL SAND SOME SHALE (HEAVY BLEED)282.5SANDY SHALE (SOME OIL SAND STREAKS) (GOOD BLEED)283.5(FLOW WAS SO HEAVY SLOW DOWN CORE BARRELL)284.5SANDY SHALE SOME OIL SAND STREAKS) (GOOD BLEED)285.5OIL SAND (SOME SHALE) (HEAVY BLEED)285.5OIL SAND (SOME SHALE) (HEAVY BLEED)285.5OIL SAND (SOME SHALE) (HEAVY BLEED)285.5OIL SAND (SME LALEY) (GOOD BLEED)285.5SANDY SHALE290OIL SAND VERY (SHALEY) (GOOD BLEED)285.5SANDY SHALE291SANDY SH	1 TOPSOIL 19 LIME 22 SHALE 27 BLACK SHALE 50 LIME 52 SHALE 54 BLACK SHALE 66 LIME (SHALEY) 67 BLACK SHALE 88 SANDY SHALE (LIMEY) 108 SHALE 216 SHALE 217 BLACK SHALE 216 SHALE 217 BLACK SHALE 216 SHALE 217 BLACK SHALE 226 SHALE 217 BLACK SHALE 226 SHALE 226 SHALE 226 SHALE 232 SANDY SHALE (LIMEY) 256 SHALE 268 SANDY SHALE (OIL SAND STK) 270 OIL SAND (SOME SHALE) (SOME WATER) (FAIR BLEED) 277 SANDY SHALE (OIL SAND STREAKS) (GOOD BLEED) 278 SANDY SHALE (SOME OIL SAND STREAKS) (GOOD BLEED) 281.5 OIL SAND SOME SHALE (HEAV	1 TOPSOIL Image: Constraint of the second s

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