GEOLOGIST'S REPORT

OPERATOR: MURFIN DRILLING CORP. INC.
LEASE: BERRY #1-3
LOC: 792' FSL 1792' FWL
SEC. 3 TWSP. 15 RGE. 36W
COUNTY: RAWLINS STATE: KANSAS
API #: 15-153-20302
ELEV: KB 3126 GL 3116
SPUD: 10/18/2006 COMP: 10/28/2006
CONTRACTOR: MURFIN DRILLING CORP. INC. RIG #: 3
MUD: CHEMICAL MUD CO. MUD ENGINEER: DAVE SCHMIDT
CASING RECORD: 8 5/8" @ 224' W/ 150 SXS CMT
DST'S: NONE
CORES: NONE
ELECTRICAL SURVEYS: DUAL INDUCTION, DENSITY/NEUTRON, MICRO, SONIC
DRILL STEM TESTERS: TRILOBITE TESTERS
DAILY DRILLING PROGRESS: SPUD 10/18/06 @ 7:00 AM, 224' 0 HRS, 0 FTG, 0 FTG/HR; 1,000' 12 HRS, 776 FTG, 64.7 FTG/HR; 2,000' 24 HRS, 1,000 FTG, 41.7 FTG/HR; 3,000' 36 HRS, 1,000 FTG, 27.8 FTG/HR; 4,000' 48 HRS, 1,000 FTG, 20.8 FTG/HR; 4,050' 54 HRS, 50 FTG, 9.3 FTG/HR; TD 4,050' @ 7:00 PM 10/20/06; 54 HRS TOTAL TIME; 3,826 FTG; 70.9 FTG/HR; RIG RELEASED 10/20/06 @ 8:00 PM

REMARKS
API: 15-153-20302
Drilling Fluids: MORGAN MUD
Drill Stem Testing: TRILOBITE TESTERS
Gas Trailer: NONE
Reserve Pit Chloride: 1900 PPM

DRILL TIME (MINUTE)	DEPTH	SAMPLE DESCRIPTIONS	REMARKS
	3200		
	3250	Shale red brn sandy soft	
	3300	Limestone tan f-vfn sandy no vis por NS	ANHYDRITE 3071 +55
	3350	Shale brn red sandy	B/ ANHYDRITE 3102 +24
	3400	Sandstone brn tan red silty vf grain no vis por NS	
	3450	Shale red brn sandy soft	
	3500	Sandstone lt gray vf grain silty soft	
	3550	Limestone tan f-vfn sd chalky	
	3600	Shale red sandy soft	
	3650	Shale red brn sandy soft	
	3700	Shale red brn sandy	
	3750	Shale red brn red sandy soft	
	3800	Limestone cmn tan f-vfn sd chalky	NEVA LIME 3542 -416
	3850	Shale brn sandy soft	
	3900	Shale brn red ora sandy silty soft	
	3950	Limestone tan f-vfn fos scat fos cast por NS	
	4000	Shale brn gray red soft	
	4050	Limestone lt gray f-vfn sd fos grainy dense	RED EAGLE 3609 -483
	4100	Shale red brn silty sandy	
	4150	Shale red brn silty sandy	
	4200	Limestone gray f-vfn sd vf sandy fos p-fair vis por (DST#1) no oil stain (DST#2)weak odor no oil stain	FORAKER LIME 3654 -528
	4250	Limestone gray f-vfn sd fos dense	
	4300	Shale gray dk grayish	
	4350	Limestone lt gray f-vfn sd fos sd chalky	
	4400	Shale gray brn silty	
	4450	Limestone cmn gray f-vfn chalky	
	4500	Shale brn red silty soft	
	4550	Limestone cmn tan f-vfn sd fos dense	STOTLER LIME 3806 -682
	4600	Shale lt gray brn tn sandy	
	4650	Shale red brn sd sandy soft	
	4700	Limestone cmn tan f-vfn sd fos dense	
	4750	Shale ora red silty sandy soft	
	4800	Limestone cmn f-md fos sd cut dense	TOPEKA LIME 3881 -757
	4850	Shale brn gray dk gray	
	4900	Shale brn red sandy soft	
	4950	Shale maroon brn silty vf sandy	
	5000	Shale brn gray red soft	
	5050	Shale brn gray silty sandy	
	5100	Shale brn red sandy soft	
	5150	Shale red brn sd sandy soft	
	5200	Shale red brn sandy	
	5250	Shale red brn sandy soft	
	5300	Shale red brn sandy soft	
	5350	Shale red brn sandy soft	