GEOLOGISTS REPORT

BLACK RAVEN ENERGY

OPERATOR	BLACK RAVEN ENERGY RESOURCES
LEASE	LAST WOMAN STANDING # 94-15-24-D
LOCATION	600 FSL & 1575 FWL
SEC. 15	TWSP 9N	RGE 43W
COUNTY SEDGWICK	STATE COLORADO
FIELD WILDCAT	
API NUMBER	05-115-0611-00-00
GL 3642 Ft.	KB 3654 Ft.
ELEVATIONS	
SPUD DATE	3/16/2011
DATE COMPLETED	5/7/2011
TOTAL DEPTH	5726
PBTD	5726
DATA ON FILE WITH COGCC	
DRILLING CONTRACTOR	Murfin Drilling Company Rig 20
SURFACE CASING	8 5/8 @ 312
PRODUCTION CASING	4 1/2 @ 5726
PERFORATIONS	
TOPS	
CORRELATIONS	
ELECTRICAL SURVEYS	C.A.L. Open Hole
	Dual Induction
	Compensated Density Comp. Sonic
GEOLOGICAL SUPERVISION BEGAN	4900
GEOLOGICAL SUPERVISION ENDED	5726
DRILLING TIME STARTS FROM	4900
DRILLING TIME ENDS FROM	5726
SAMPLE STARTS FROM	4900
SAMPLE ENDS FROM	5726
COMMENCED 06 Oct 2010	COMPLETED 7 Nov 2010
Surface: 1 Jjt @ 0000	Production None
Conductor None	
CASING RECORD	
Surface	8 5/8" @ 0000
Production	
Conductor	
ELEVATIONS	KB 0
	DF 0
	GL 0
	KB-GL 0
	KB-CF 0
	CF-GL 0
	DF-GL 0
	KB-DF 0
	CF-DF 0
	DF-CF 0
	KB-TD 0
	CF-TD 0
	DF-TD 0
	GL-TD 0
	GL-PBTD 0
	KB-PBTD 0
	CF-PBTD 0
	DF-PBTD 0
	GL-CF 0
	GL-DF 0
	GL-KB 0
	CF-KB 0
	DF-KB