Max R. Lowrey

GEOLOGIST'S REPORT

OPERATOR Ritchie Exploration, Inc. API NO. 15-007-23,006-00-00
LEASE #1 Edwards 1-28
LOCATION 2970' FNL & 2640' FWL SEC. 28 TWP. 33S RGE. 13W
COUNTY Logan STATE KS FIELD Wildcat
ELEVATION GR 3211 KB 3226 DF KB
SPUD 7-21-07 DRLG COMP. 7-31-07 RTD 4811 LTD 4811
CSG. 8 5/8" @ 359' CEMENTED W/ 250 sks COMP. DATE
PRODUCTION
FORMATION TOPS

	SAMPLE	LOG	DATUM
Anhydrite		2778	+448
Base Anhydrite		2814	+412
Topeka	3507	-281	
Heebner	3722	-496	
Toronto	3745	-519	
Lansing	3762	-536	
Stark Sh.	4051	-825	
Hushpuckney Sh.	4088	-862	
Base Kansas City	4124	-898	
Marmaton	4140	-914	
Altamont	4157	-931	
Pawnee	4229	-1003	
Myrick Station	4256	-1030	
Fort Scott	4270	-1044	
Cherokee Sh.	4297	-1071	
Johnson	4352	-1126	
Mississippian	4398	-1172	
RTD	4811	-1585	
LTD	4811	-1585	

DRILL STEM TESTS
NO. RUN 1
INTERVALS TESTED 4398-4811
TYPE TESTS DST
SHOWS OF OIL & GAS
SHOWS OF WATER
DRILLING TIME AND SAMPLE CHARACTER
SAMPLES SAVED 3500-4811
DRILLING TIME KEPT 3500-4811
ELECTRIC LOGS
FORMATION DENSITY LOG
REMARKS: Dry hole. Location 1' W. of Kansas/Nebraska line. Rig Co. Rig #Four

LEGEND

Anhydrite | Salt | Sandstone | Shale | Oolic or Fossiliferous | Limestone | Dolomite | Chert | Conglomerate

DRILLING TIME IN MINUTES PER FOOT
Rate of Penetration Decreases
5" | 10" | 15" | 20" | 30"

DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	DST, CORES, ETC.	REMARKS
2600				
3500				
3600				
3700				
3800				
3900				
4000				
4100				
4200				
4300				
4400				
4500				
4600				
4700				
4800				
4900				