



# GEOLOGIST'S REPORT

## DRILLING TIME AND SAMPLE LOG

Geologist on Well: Beth Isern  
 LEASE: RODIE 'A' #1-31  
 FIELD: KEILMAN WEST  
 LOCATION: 6607 TSL, 2310 FEL  
 SEG: 31 TMSR 17S RGE 24W  
 COUNTY: Ness STATE: Kansas  
 CONTRACTOR: Dike Drilling Rig 1  
 SPUD: 08/15/14 COMP: 8/22/14

### ELEVATIONS

KB 2398  
 DF \_\_\_\_\_  
 GL 2386  
 Measurements Are All From Kelly Bushline

### CASING

RTD 4373 LTD 4375  
 MUD UP 3700 TYPE MUD CHEMICAL

SAMPLES SAVED FROM 3650 TO RTD  
 DRILLING TIME KEPT FROM 3400 TO RTD  
 SAMPLES EXAMINED FROM 3650 TO RTD  
 GEOLOGICAL SUPERVISION FROM 3900

### REFERENCE WELL

Rubrecht A Unit 1-32 Sec. 32-11S-24W

Formation	Sample Tops	Elog Tops	Struct Pos.
Anhydrite	1668 (+ 730)	1670 (+728)	-3
Base Anhydrite	1700 (+ 698)	1702 (+696)	-2
Heebner	3729 (-1331)	3728 (-1330)	+5
Lansing	3772 (-1374)	3772 (-1374)	+5
BK-C	4063 (-1665)	4063 (-1665)	+10
Marmaton	4106 (-1708)	4106 (-1708)	+7
Fort Scott	4268 (-1870)	4267 (-1869)	+10
Miss Warsaw	4366 (-1968)	4364 (-1966)	+9

REMARKS

Based on the positive structural position and results of the Dst in the Mississippi, it was decided to run 5-1/2" production casing on the Rodie A #1-31

Respectfully Submitted,  
 Beth Isern

### LEGEND







