

RECEIVER
 MAY 02 2011
 KCC WICHITA

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY PINTAIL PETROLEUM
 LEASE HOSS # 2
 FIELD STAIRETT NORTH
 LOCATION 1310' FSL, 1200' FWL
 SEC 1 TWSP 21 S RGE 25 W
 COUNTY HODGEMAN STATE KANSAS

ELEVATIONS
 KB 2332'
 DF 2330'
 GL 2327'
 Measurements Are All
 From KB

CONTRACTOR MALLARD J.V.
 SPUD 3-12-12 COMP 3-19-12
 RTD 4457 LTD none
 MUD UP 3750' TYPE MUD CHEMICAL

CASING
 SURFACE 8-5/8" at 216'
 PRODUCTION 5-1/2"
 ELECTRICAL SURVEYS
none

SAMPLES SAVED FROM 4200' TO TD
 DRILLING TIME KEPT FROM 3600' TO TD
 SAMPLES EXAMINED FROM 4200' TO TD
 GEOLOGICAL SUPERVISION FROM 3650' TO TD
 GEOLOGIST ON WELL JAMES C. HESS

FORMATION TOPS	LOG	SAMPLES																	
ANHYDRITE		1587 (+745)	<div style="display: flex; justify-content: space-around;"> 25 W </div> <table border="1" style="margin: auto; border-collapse: collapse;"> <tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr> <tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px; text-align: center;">1</td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr> <tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr> <tr><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td><td style="width: 25px; height: 25px;"></td></tr> </table> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> 21 S </div>						1										
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BASE ANHYDRITE		1627 (+705)																	
HEEBNER		3767 (-1435)																	
LANSING		3812 (-1480)																	
STARK SHALE		4120 (-1788)																	
BASE KANSAS CITY		4172 (-1840)																	
PAWNEE		4277 (-1945)																	
FORT SCOTT		4334 (-2002)																	
CHEROKEE SHALE		4362 (-2030)																	
MISSISSIPPI		4444 (-2112)																	
RTD		4457 (-2125)																	