

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

COMPANY **VAL ENERGY, INC.**
 LEASE **CRUMBERG #14**
 FIELD **Wildcat**
 LOCATION **1338 F.L. 472 F.W.L.**
 SEC **4 T19S 8S R9E 36W**
 COUNTY **Thomas STATE Kansas**

CONTRACTOR **WW Drilling, Rig #10**
 SPUD **7/30/2019 COMP 8/7/2019**
 RTD **4880' LTD 4878'**
 MUD UP **3600' TYPE MUD Chemical**

SAMPLES SAVED FROM **3900' to RTD**
 DRILLING TIME KEPT FROM **3900' to RTD**
 SAMPLES EXAMINED FROM **3900' to RTD**
 GEOLOGICAL SUPERVISION FROM **3900' to RTD**
 GEOLOGIST ON WELL **Tim Priest**

FROM **KB**
 MEASUREMENTS ARE ALL

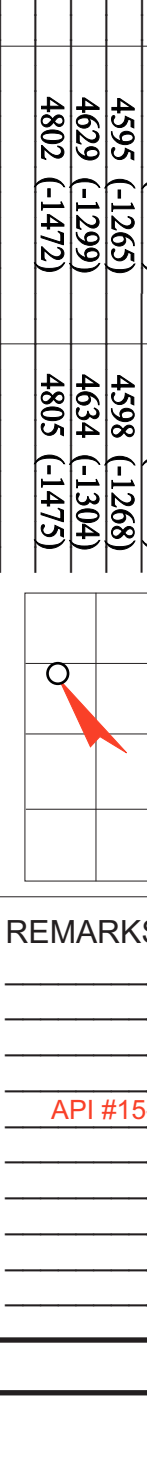
CASING **CONDUCTION N/A**
 SURFACE **8.58"/285'**
 PRODUCTION Name

FORMATION TOPS **ELECTRIC LOG**
 Anhydrite **2875 (+455)**
 Heebner Shale **4098 (-768)**
 Lansing **4142 (-812)**
 Stark **4360 (-1030)**
 Marmaton **4463 (-1133)**
 Pawnee **4594 (-1268)**
 Cherokee Shale **4634 (-1304)**
 Mississippian **4805 (-1475)**

ELEVATIONS **KG 3330'**
 DF _____
 GL **3325'**

SAMPLES EXAMINED FROM **3900' to RTD**
ELECTRICAL SURVEYS
 CND/D/SP: Micro
 By: Pioneer Energy Service

FORMATION TOPS	ELECTRIC LOG	SAMPLE
Anhydrite	2875 (+455)	
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Cherokee Shale	4634 (-1304)	
Mississippian	4805 (-1475)	



REMARKS Due to the negative drill stem tests, it was decided to plug and abandon the well.
 Respectfully Submitted,
 Tim Priest
 Petroleum Geologist
 API #15-193-21051

