

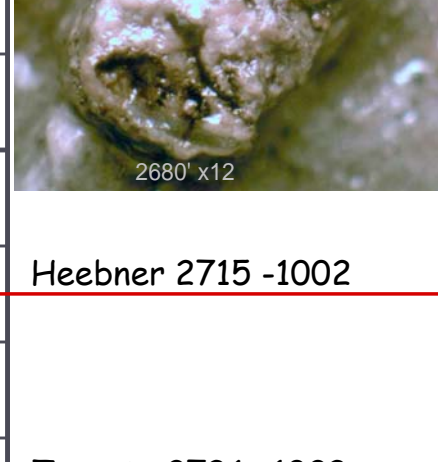


TRANS-WESTERN OPERATING CO. GEOLOGICAL REPORT DRILLING TIME & SAMPLE LOG



COMPANY: Trans-Western Operating Company, LEASE: Walker #2, LOCATION: 330 FNL & 650' FEL, SFC: 33 TMSR 18S R9F 9W, COUNTY: Rice STATE: Kansas, CONTRACTOR: Southwind Drilling Rig #3, SPUID: 1-4-19 COMP 1-9-19, SAMPLES SAVED FROM 2400' TO RTD

Main log table with columns for Depth (ft), Lithology, and Formation. Includes lithology descriptions like 'Limestone: off white to gray, fine to medium crystalline...' and 'Shale: gray, slightly arenaceous...'. Includes a legend for SHALE, SANDSTONE, LIMESTONE, DOLOMITE, HALITE, ANHYDRITE/GYPSUM.



Heebner 2715 -1002

Toronto 2736 -1023

Douglas 2752 -1039

Brown Lime 2840 -1127

Lansing 2865 -1152

Muncie Creek 3008 -1295

Stark 3087 -1374

BKC 3150 -1437

Arbuckle 3225 -1512

Trans-Western Operating Co. Walters #2 330' FNL & 650' FEL 33-18S-9W Rice Co., KS 1713 KB

Comments:

Well log summary including: Company: Trans-Western Operating, Lease: Walker #2, DST #1, Formation: Arbuckle, Total Depth: 3238', Mud Properties, Down Hole Makeup, Gas to Surface NO, Well Flow NO, Default View, Pressure and Temperature graphs, Recovered fluid table, Recovery at a glance bar chart, and Remarks section.