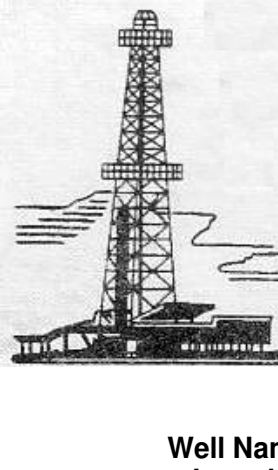


WELLSITE GEOLOGIST'S REPORT

VERNON C. SCHRAG
CONSULTANT GEOLOGIST



Scale 1:240 (5"=100') Imperial

Well Name: **HUCK #2-6**
 Location: **NE SW SW SW SEC 06-18S-31W**
 Licence Number: **API: 15-171-21223**
 Spud Date: **May 10, 2018**
 Surface Coordinates: **474' FSL & 515' FWL**

Region: **Scott Co., KS**
 Drilling Completed: **May 20, 2018**

Bottom Hole Coordinates:
 Ground Elevation (ft): **2958'**
 Logged Interval (ft): **3800'**
 Formation: **D&A Mississippi (St. Louis).**
 Type of Drilling Fluid: **Chemical Premix (Displaced)**

K.B. Elevation (ft): **2968'**
 To: **RTD** Total Depth (ft): **4640'**
 Printed by **MUD.LOG** from WellSight Systems 1-800-447-1534 www.WellSight.com

OPERATOR:

Company: **Larson Engineering Inc.**
 Address: **562 West State Road 4
 Olmitz, KS 67564-8561**

DRILLING CONTRACTOR:

Southwind Drilling Co., Rig #8

DP 4.5" XH (16.6#); DC 6-1/4" x 2-3/8" x 487.57', Kelly 40.00', Tool Joint 5.5" ; Bit: Varel HE29H, 7-7/8" , standard jets 3/14; rpm 60-80, WOB 35k; Kelly Bushing 10' above ground level; Bill Sanders (tool pusher).

CASING:

Ran 6 jts new 8-5/8" 20# R3 STC 8rd csg. Tallied 243', set @ 255' KB.

CIRCULATION SYSTEM:

EMSCO D-375, duplex, 6 x 14, 58 spm, 320 gpm, Chemical, premix, earth pits, start displacement 3739' after lost circulation, MudCo/Service Mud, Inc., Reid Atkins.

GAS DETECTION SYSTEM:

USB-1208LS-41, portable hot-wire, Delphian 3.0 volt catalytic bead combustible gas detector.

OPEN HOLE LOGS:

DN, DI (SP), ML, No Sonic; 5" detail LTD-3600; 2" DI to surface casing; LogTech-Pioneer Wireline, Hays, KS, Log total depth (4649') was nine feet long to rotary total depth (4640').

DRILL STEM TESTS:

Trilobite Testing, Inc., Scott City, Kansas, Mike Roberts.

