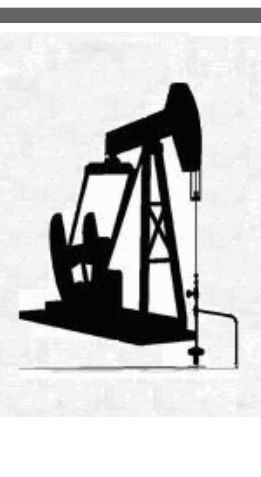


WELLSITE GEOLOGIST'S REPORT

VERNON C. SCHRAG
CONSULTANT GEOLOGIST



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

Well Name: **INDUSTRIAL PARK #1-19**
Location: **NW SW NE SEC. 19-18S-28W**
Licence Number: **API: 15-101-22575**
Spud Date: **November 27, 2015**
Surface Coordinates: **936' FNL & 1163' FEL**

Region: **Lane Co., KS**
Drilling Completed: **December 6, 2015**

Bottom Hole
Coordinates:
Ground Elevation (ft): **2761'**
Logged Interval (ft): **3800'**
Formation: **D&A, Conglomerate**
Type of Drilling Fluid: **Chemical Premix (Displaced)**

K.B. Elevation (ft): **2770'**
To: **RTD**
Total Depth (ft): **4650'**

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OPERATOR:

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

DRILLING CONTRACTOR:

H. D. Drilling, LLC, Rig #3 (Co. Tools)

DP 4.5" XH (16.6#); DC 6-1/4" x 2-3/8" x 556', Kelly 40.30', Tool Joint 5.5" ; Bit: JZ-HA20Q, 7-7/8", standard jets 15-15-15; rpm 80, WOB 35k; Kelly Bushing 9' above ground level; LeWayne "Lew" Tresner (tool pusher).

CASING:

Ran 6 jts new 8-5/8" 20# R3 STC 8rd csg. Tallied 253.29', set @ 265' KB.

CIRCULATION SYSTEM:

Continental EMSCO D-300, duplex, 6 x 14, 60-62 spm, Chemical, premix, earth pits, Mud-Co/Service Mud, Inc.; Jason Whiting.

OPEN HOLE LOGS:

DN (PE), DI (SP), ML, No Sonic; 5" detail LTD-3600; 2" DI to suface casing; Weatherford Open Hole Services, Oklahoma City, OK, LTD 4646', RTD 4650'.

DRILL STEM TEST #1:

Pleasanton thru Marmaton: Interval: 4341-4455 (114'); Blow: weak 1/2" IFP, no RB, surf. blow died in 4 min. FFP, no RB; Times: 5-15-15-30; Recovery: 5' mud, no show; Pressures: HP: 2142-2108, SIP: 641-796, FP: 21-22, 23-26; BHT: 115 deg. F; Trilobite Testing, Inc., Scott City, KS, Shane McBride.

DRILL STEM TEST #2:

Myrick Station thru Cherokee Sand: Interval: 4482-4596 (114'); Blow: weak 1/4" IFP, no RB, no blow at second open; Times: 5-15-15-30; Recovery: 1' mud, no show; Pressures: HP: 2237-2163, SIP: 189-135, FP: 21-21, 22-22; BHT: 115 deg. F; Trilobite Testing, Inc., Scott City, KS, Shane McBride.

REMARKS:

It was determined that this well should be plugged and abandoned.

