



KITT NOAH
PETROLEUM GEOLOGIST

GEOLOGIST'S REPORT
DRILLING TIME AND SAMPLE LOG

OPERATOR: **Hazel Russell** WELL NO.: **#1-35**
RUSSELL OIL INC.

AP: **15-19320-859** FIELD: **Wildcat**
LOCATION: **4-43GFS & 434FW**

SEC: **35** TWP: **10S** RANG: **34W**
COUNTY: **Thomas** STATE: **Kansas**

CONTRACTOR: **H2 Drilling Rig #2**
COMM: **8-16-2012** COPIES: **8-30-2012**
RD: **4-29-02** LOG TO: **4846**
SAMPLES SAVED FROM: **3800** TO: **3800**
DRAINING TIME SAVED FROM: **3800** TO: **3800**

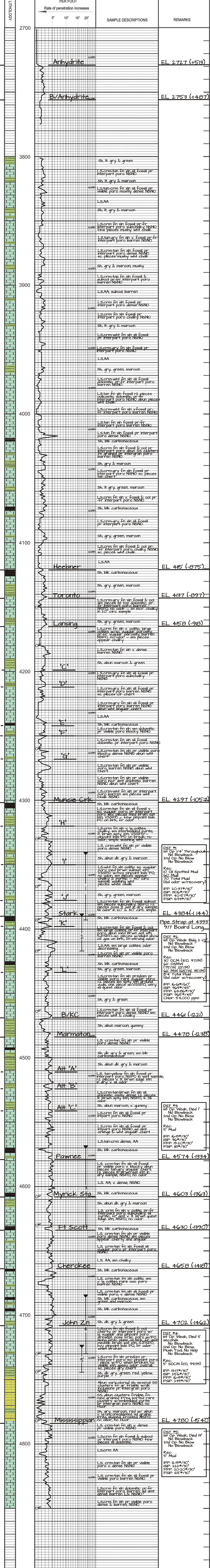
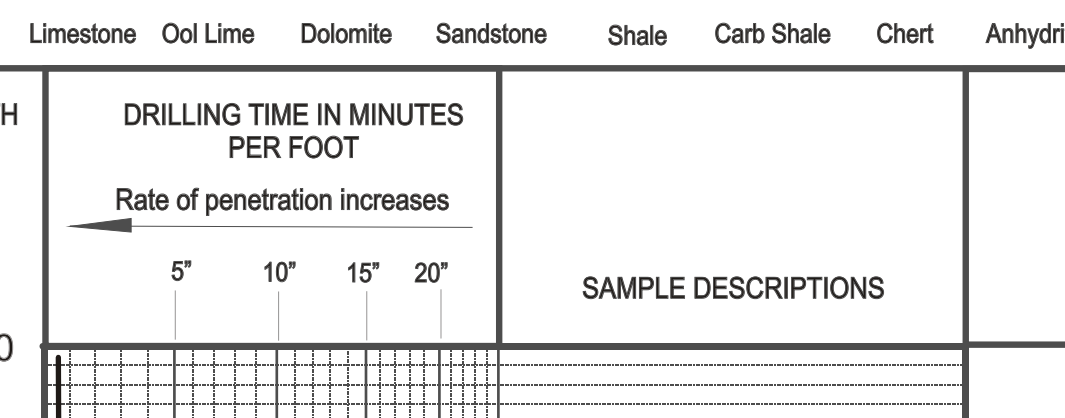
FORMATION: Top Datum Bottom Structural
A/H/Anhydrite 2727 (4579) 2755 (4484) 9 ft #1
Heebner 445 (4375) 401 (3826) 44 ft #1
Toronto 482 (398) 467 (397) 15 ft #1
Spartan 482 (398) 467 (397) 15 ft #1
Marmaton 444 (4229) 444 (4229) 0 ft #1
Pawnee 4574 (4243) 4495 (4244) 79 ft #1
Fort Scott 4530 (4240) 4604 (4242) 74 ft #1
Cherokee 4704 (4544) 4704 (4544) 0 ft #1
Mississippian 4846 (4606)

GEOLOGICAL SUPERVISION FROM: **3870** TO: **TD**
MUD UP: **3500** MUD TYPE: **chemical**

SURFERS
DUAL CAMP, POORLY
DUAL LOCATION
MICROLOGY



LEGEND



DST #1:
1st Op. 1/4" Throughout
No Blowback
2nd Op. No Blow
No Blowback

Rec:
10' Oil Spotted Mud
60' Mud
70' Total Fluid
(9d odor w/recovery)

ISF: 20.37*/30'
ISIP: 1306*/30'
FFP: 40.57*/30'
FSP: 1293*/30'

DST #2:
1st Op. Weak Bldg 2 1/2"
No Blowback
2nd Op. No Blow
No Blowback

Rec:
30' OCM (3/0, 97/M)
62' OSMW
(75/M, 25/M)
62' MW (25/M, 35/M)
54' Total Fluid
(9d odor w/recovery)

ISF: 16.4*/60'
ISIP: 969*/45'
FFP: 63.86*/30'
FSP: 965*/45'
Chlor: 54,000 ppm

DST #3:
1st Op. Weak, Died 1'
No Blowback
2nd Op. No Blow
No Blowback

Rec:
5' Mud

ISF: 16.17*/30'
ISIP: 96*/30'
FFP: 19.20*/30'
FSP: 18*/30'

DST #4:
1st Op. Weak, Died 5 seconds
No Blowback
2nd Op. No Blow,
Flush Tool No Help
No Blowback

Rec:
5' SOC/M (1/0, 99/M)

ISF: 17.17*/30'
ISIP: 256*/30'
FFP: 16.19*/30'
FSP: 239*/30'

DST #5:
1st Op. Weak, Died 19'
No Blowback
2nd Op. No Blow
No Blowback

Rec:
5' Mud

ISF: 12.19*/30'
ISIP: 222*/30'
FFP: 20.01*/30'
FSP: 125*/30'

ELEVATION: **KB 3240**

OPERATOR: **Russell Oil Inc.** LOCATION: **443GFS & 434FW**
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