

February 5, 2007

A&A Production
Alvin # 2
1800' FNL & 330' FWL
Section 26-9S-26W
Sheridan County, Kansas

Commenced: January 15, 2007.

Pipe Record: 8 5/8" @ 200'.

Completed: February 3, 2007.

DST: Trilobite ran 3.

Drilled by: A&A, Rig # 2.

Logs: CDL/CNL, DIL.

ELEVATION

2640:KB

2635:GL

Log tops from KB:

Reference Well

ANHYDRITE	2300 Top	+340	-8'
	2335 Base	+305	-7'
HEEBNER	3854	-1214	-7'
LANSING-KANSAS CITY	3891	-1251	-8'
BASE KANSAS CITY	4124*	-1484	-8'
RTD	4125	-1485	
LTD	4128	-1488	

* Sample top.

Reference Well: Castle Resources, Inc's Alvin # 1, 1200' FNL & 330' FWL, in Section 26-9S-26W, Sheridan County, Kansas. (600' directly north of the Alvin # 2).

The above captioned well was under my supervision from a rotary depth of 3500' to a rotary total depth of 4125'. Ten foot samples, washed and dried, were examined from 3500' to RTD. Due to low structural position and poor drill stem test results, it was recommended to plug and abandon this well.

Respectfully,

Mark Torr

Mark Torr
Petroleum Geologist

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3800

50

HEEBNER 3852 (-1212) E-Log -1214

Black Shale

TORONTO 3875 (-1235) E-Log -1236

Off-white limestone. Show of asphaltic oil, no free oil & no odor.

LANSING-KANSAS CITY 3888 (-1248) E-Log -1251

Dense white limestone. Fine crystalline with little visible porosity. Trace stain, no free oil and no odor.

3900

50

DST # 1

Tan dolomitic limestone. Fine crystalline, with pinpoint porosity. Show of free oil, faint odor, and even stain. This zone was covered in DST # 1.

4000

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4000

DST # 2

Off-white fine crystalline limestone. Rare free oil, faint odor, and a spotted to even stain. This zone was covered in DST # 2.

50

Chalky, friable off-white limestone. Fine crystalline, with a trace of asphaltic oil, no free oil, and no odor. This zone was covered in DST # 3.

DST # 3

Tan fine crystalline limestone. Trace of asphalt, no free oil, and no odor. This zone was covered in DST # 3.

4100

White, chalky fine crystalline limestone. Trace of free oil, but most tarry to asphaltic. This zone was covered in DST # 3.

Off-white limestone. Trace of stain, no free oil and no odor. This zone was covered in DST # 3.

RTD 4125 (-1485) E-Log -1488

50

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A&A Production
Alvin # 1
Drill Stem Test Results

DST # 1:

Interval Tested: 3950' to 3969' (L-KC "E" Zone).
Times: 30-30-30-30.
Recovery: 3' of mud with oil specks.
Flow Pressures: 12 to 14 & 13 to 14.
Shut-in Pressures: 52 to 26.

DST # 2:

Interval Tested: 4000' to 4033' (L-KC "H" Zone).
Times: 30-30-30-30.
Recovery: 10' of drilling mud.
Flow Pressures: 13 to 15 & 16 to 17.
Shut-in Pressures: 927 to 875.

DST # 3:

Interval Tested: 4030' to 4125' (L-KC "I", "J", "K" and "L" Zones).
Times: 30-30-30-30.
Recovery: 15' of drilling mud.
Flow Pressures: 17 to 19 & 19 to 20.
Shut-in Pressures: 116 to 60.

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