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American Warrior Inc.
Grubb 'D' #1-5
NW-SW-NE-SW (1698' FSL & 1644' FWL)
Section 5-16s-10w
Ellsworth County, Kansas
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5 1/2" Production Casing Set

Contractor: Duke Drilling Co. (Rig #8)
Commenced: January 21, 2014
Completed: January 27, 2014
Elevation: 1793' K.B; 1791' D.F; 1785' G.L.
Casing program: Surface; 8 5/8" @ 364'
Production; 5 1/2" @ 3399'
Sample: Samples saved and examined 2700' to the Rotary Total Depth.
Drilling time: One (1) foot drilling time recorded and kept 2700 ft. to the Rotary Total Depth.
Measurements: All depths measured from the Kelly Bushing.
Drill Stem Tests: There was one (1) Drill Stem Test ran by Trilobite Testing Co.
Electric Log: By Pioneer Energy Services; Dual Induction, Dual Compensated Porosity Log, and Micro Log.

| <u>Formation</u> | <u>Log Depth</u> | <u>Sub-Sea Datum</u> |
|--------------------|------------------|----------------------|
| Anhydrite | 598 | +1195 |
| Base Anhydrite | 624 | +1169 |
| Heebner | 2827 | -1034 |
| Toronto | 2847 | -1054 |
| Douglas | 2858 | -1065 |
| Brown Lime | 2928 | -1135 |
| Lansing | 2944 | -1151 |
| Base Kansas City | 3235 | -1442 |
| Arbuckle | 3271 | -1478 |
| Rotary Total Depth | 3400 | -1607 |
| Log Total Depth | 3403 | -1610 |

(All tops and zones corrected to Electric Log measurements).

SAMPLE ANALYSIS, SHOWS OF OIL, TESTING DATA, ETC.

TOPEKA SECTION

2692-2980' Limestone; tan, finely crystalline, slightly cherty, trace brown edge staining, no free oil and no odor.
2982-2987' Limestone; tan, finely crystalline, granular, scattered porosity, brown stain, weak show of free oil and no odor in fresh samples.

TORONTO SECTION

2847-2858' Limestone; tan, gray, finely crystalline, chalky, cherty in part, no shows.

LANSING SECTION

2944-2950' Limestone; gray/tan, oolitic, dense, trace poor brown stain, no show of free oil and faint odor, plus tan oolitic chert.

2961-2966' Limestone; tan, finely crystalline, scattered pinpoint porosity, questionable stain, no free oil and faint odor in fresh samples.

2976-2984' Limestone; gray, tan, fossiliferous, scattered porosity, trace golden brown stain, trace of free oil and no odor in fresh samples.

3002-3014' Limestone; tan, gray, fossiliferous, shaley in part, no shows.

3021-3026' Limestone; tan, fossiliferous, finely crystalline, scattered intercrystalline type porosity, brown stain, trace of free oil and questionable odor in fresh samples.

3035-3050' Limestone; gray, tan, oomoldic, fair oomoldic porosity, poor stain, weak show of free oil and no odor in fresh samples.

3104-3112' Limestone; gray, white, oolitic, chalky in part, few cherty, poor visible porosity, no shows.

3117-3132' Limestone; gray, tan, sub oomoldic, chalky, poor visible porosity, few with black/gray stain, no show of free oil and no odor in fresh samples.

3160-3180' Limestone; gray, finely crystalline, fossiliferous in part, slightly cherty (dense).

3196-3214' Limestone; gray, white, fossiliferous in part, dense, trace tan/amber chert.

ARBUCKLE SECTION

3271-3283' Dolomite; tan, brown, oomoldic, fair oomoldic and vuggy type porosity, brown stain and saturation, show of free oil and faint odor in fresh samples.

Drill Stem Test #1 3225-3250' (log measurements 3228-3283)

Times: 30-30-30-30

Blow: Strong

Recovery: 1090' oil and gas cut muddy water
(25% oil, 50% water, 25% mud)
960' oil cut muddy water
(10% oil, 70% water, 20% mud)
360' muddy water

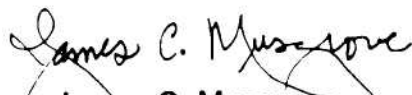
Pressures: ISIP 1070 psi
FSIP 1059 psi
IFP 300-886 psi
FFP 862-1059 psi
HSH 1628-1562 psi

- 3283-3290' Dolomite; tan, brown, finely crystalline, slightly cherty, poor visible porosity, no shows.
- 3290-3310' Dolomite; as above, sandy in part, no shows.
- 3310-3330' Dolomite; tan, fine and medium crystalline, sub oomoldic, scattered oomoldic and vuggy type porosity, no shows.
- 3330-3350' Dolomite; tan/gray, fine and medium crystalline, scattered vuggy porosity, plus white translucent chert.
- 3350-3360' Dolomite and chert; as above.
- 3360-3380' Dolomite; gray, white, tan, finely crystalline, sucrosic, slightly cherty, few with scattered vuggy porosity, no shows.
- 3380-3403' Dolomite; as above, plus amber chert and white chalk.

Rotary Total Depth 3400 (-1607)
Log Total Depth 3403 (-1610)

Recommendations: 5 1/2" production casing was set and cemented in the American Warrior Grubb 'D' #1-5.

Respectfully submitted;


James C. Musgrove,
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