



American Energies
Corporation

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316-263-5785, 316-263-1851 fax

DRILLING REPORT
Blackwelder 1-19

AEC'S LEASE#: 10761159

LOCATION: S/2 NW SW Sec. 19-T29S-R11W **SURFACE CASING:** 8 5/8" 20# set @ 330'

COUNTY: Pratt

PRODUCTION CASING:

API: 15-151-22382-0000

PROJECTED RTD: 4700'

CONTRACTOR: Pickrell Drilling, Inc.

G.L.: 1864 **K.B.:** 1874

GEOLOGIST: David Barker - 259-4294

SPUD DATE: 10/17/11

NOTIFY:

COMPLETION DATE:

American Energies Corp.

REFERENCE WELL:

Alan L. DeGood Family Trust

Dianne Y. DeGood Family Trust

Geoffrey Charles and Beth Ann Shafer

AEC's Murphy 1-25

Hyde Resources, Inc.

S/2 SW NE SE Section 25-T29S-R12W, Pratt Co.

Debbie Schmidt, LLC

Carl Dudrey Production, Fax Report to: 620-549-6221

Buffalo Creek Oil and Gas, LLC

FORMATION:	SAMPLE LOG:	COMPARISON:	ELECTRIC LOG TOPS:	COMPARISON:
		Murphy 1-25		Murphy 1-25
Onaga Shale	2780	-906	-6	2725 -851 +9
Wabaunsee	2820	-946	Flat	2818 -944 +8
Stotler Lm	2964	-1090	Flat	2947 -1083 +6
Howard	3177	-1303	+12	3178 -1304 +11
Topeka	3322	-1448	+15	3327 -1453 +10
Kanwauka Sh	3502	-1628	+6	3500 -1626 +8
Elgin	3472	-1498	+8	3472 -1498 +8
Heebner Sh	3697	-1823	+3	3696 -1822 +3
Lower Douglas Sd	3839	-1964	+2	3842 -1968 -1
Brown Lm	3864	-1990	+6	3864 -1988 +8
Stark Shale	4168	-2294	+14	4165 -2291 +17
Hush shale	4200	-2326	+14	4198 -2324 +16
Cherokee Shale	4280	-2406	+14	4278 -2404 +16
Mississippian	4350	-2476	+14	4350 -2476 +14
Viola	4504	-2630	+12	4499 -2625 +17
Base Viola	4580	-2706	-1	4590 -2716 -11
Simpson Sand				4609 -2735 -9
Arbuckle				4696 -2822 -15
RTD	4720			
LTD	4722			

10/17/11 Pickrell Drilling, Rig #1, MIRT, RURT, Spud at 9:45 p.m. Drilled 12 1/4" surface hole to 335' KB.

SHT @ 335' = 3/4 degree. Ran in 7 jts New 8 5/8" 20# surface casing set @ 330' (tally was 318'), cemented w/255 sx of 60/40 poz, 2% gel, 3% CC. PD 4:00 a.m. 10/18/11. CDC. Allied#037745.

10/18/11 At 330' and WOC.

10/19/11 At 1255' and drilling ahead. SHT @ 845 = 3/4 degree.

10/20/11 At 2222' and drilling ahead. Made bit trip @ 1817'. SHT @ 1817' = 1/2 degree.

10/21/11 Drlg. ahead @ 2980'. SHT @ 2897' = 1/4'.

10/22/11 At 3524' and testing.

Results DST #1: 3472 to 3524' Elgin Sand, Times: 30, 60, 30, 60

IF: strong blow BOB 1 min,

ISIP: no blow back,

FFP: strong blow BOB 30 sec,

FSI: weak blow back

REC: 1736 GIP, 60' watery mud (5% water and 95% mud), 120' muddy water (85% water 15% mud)

Chlorides 50,000 ppm, BHT: 112°

IHP: 1604 to 1502#

IFP: 31 to 92# & 69 to 82#

BHP: 1076# to 997#

10/23/11 At 3862' and drilling ahead.

10/24/11 At 4335' and drilling ahead.

10/25/11 At 4628' and drilling ahead.

10/26/11 At 4720' and evaluating electric logs. RTD: 4720', LTD: 4722'. Wellsite Geologist – circulated top 12' of Simpson Sand @ 4622' – no show, no gas increase from this interval.

We will be running a Straddle Drillstem Test over the Lower Douglas Sandstone from 3842 – 3850'.

We had a 200 unit gas kick on the Hot Wire, however, there were no shows in the sample gas bubbles, or odor. The zone calculates 40% SW on the logs, with mudcake.

10/27/11 Ran Straddle test DST #2 3842 – 3850' (Lower Douglas Sandstone). Times: 45-60-45-90. Recovered 80' GCM (40% Gas, 60% Mud), IHP: 1852, IFP: 45-33, ISIP: 1128, FFP: 45-52, FSIP: 1241, FHP: 1817.

Plugging information as follows: 50 sx @ 4694', 50 sx @ 660', 50 sx @ 360', 20 sx @ 60', 30 sx in RH, 20 sx in MH of 60/40 Poz, 4% gel, w ¼# Floseal/sx. Allied Ticket # 037823. Plugging completed at 2:00 p.m. on 10/27/11. Plugging permission granted from Mike Maier on 10/24/11 at 9:15 a.m.

