

## NOTES

Company: American Warrior, Inc.

Lease: Hoelscher #2-10

Field: Wildcat

Location:NE-NW-SW-SE

Sec:10 Twsp:18S Rge:10W

County:<u>Rice</u> State:<u>Kansas</u>

KB:1800' GL:1792'

API #:15-195-22796-00-00

Contractor: Duke Drilling, Inc. (Rig #8)

Spud:<u>09/12/2014</u> Comp:<u>09/18/2014</u>

RTD:<u>3400'</u> LTD:<u>3399'</u>

Mud Up: 2600' Type Mud: Chemical

Samples Saved From: <u>2700' to RTD</u> Drilling Time Kept From:<u>2700' to RTD</u> Samples Examined From: <u>2700' to RTD</u> Geological Supervision from:<u>2700' to RTD</u> Geologist on Well: <u>Wyatt Urban</u>

Surface Casing: 8 5/8@415'

Electronic Surveys: Logged by Pioneer Energy Resources: MEL, DIL, CNL/CDL

	<b>American Warrior</b>											
		DRILLING	WELL		COMPARISON WELL			COMPARISON WELL				
	America	n Warrior-	Hoelsc	ner 2-10	American Warrior-Hoelscher 1-10			Phil-Han- Shonyo #1				
	● 10-18S-10W			SE NW NW SE   10-18S-10W   oil   Structural			0-18S-10W					
	oil						dry hole Structur			ural		
	1800	KB			1787 KB Relationship		1790 KB Relationshi			onship		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	2824	-1024	2824	-1024	2806	-1019	-5	-5				
Toronto	2839	-1039	2842	-1042	2819	-1032	-7	-10				
Douglas	2853	-1053	2854	-1054	2832	-1045	-8	-9				
Brown Lime	2942	-1142	2944	-1144	2927	-1140	-2	-4				
Lansing	2959	-1159	2962	-1162	2938	-1151	-8	-11	2946	-1159	0	-3
BKC	3228	-1428	3233	-1433	3218	-1431	3	-2				
Conglomerate	3264	-1464	3268	-1468	3246	-1459	-5	-9				
Arbuckle	3284	-1484	3281	-1481	3277	-1490	6	9	3280	-1493	9	12
RTD	3400	-1600	3400	-1600	3400	-1613	13	13				
LTD	3399	-1599	3399	-1599	3402	-1615	16	16				

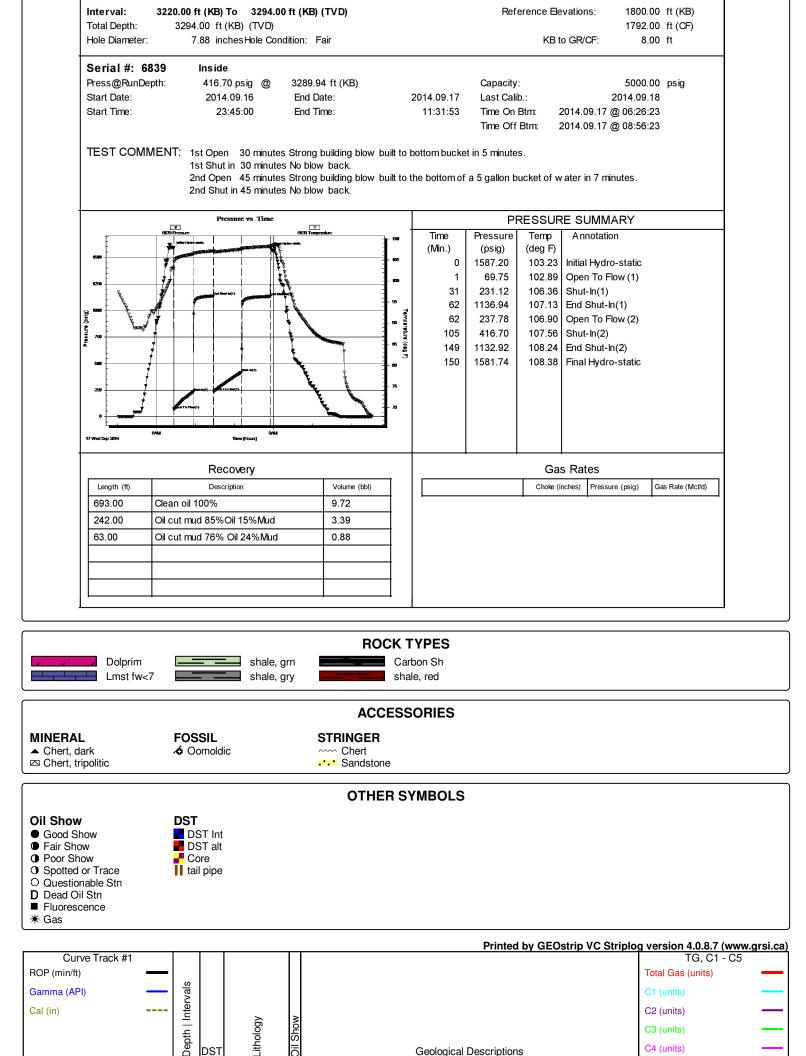


## DRILL STEM TEST REPORT

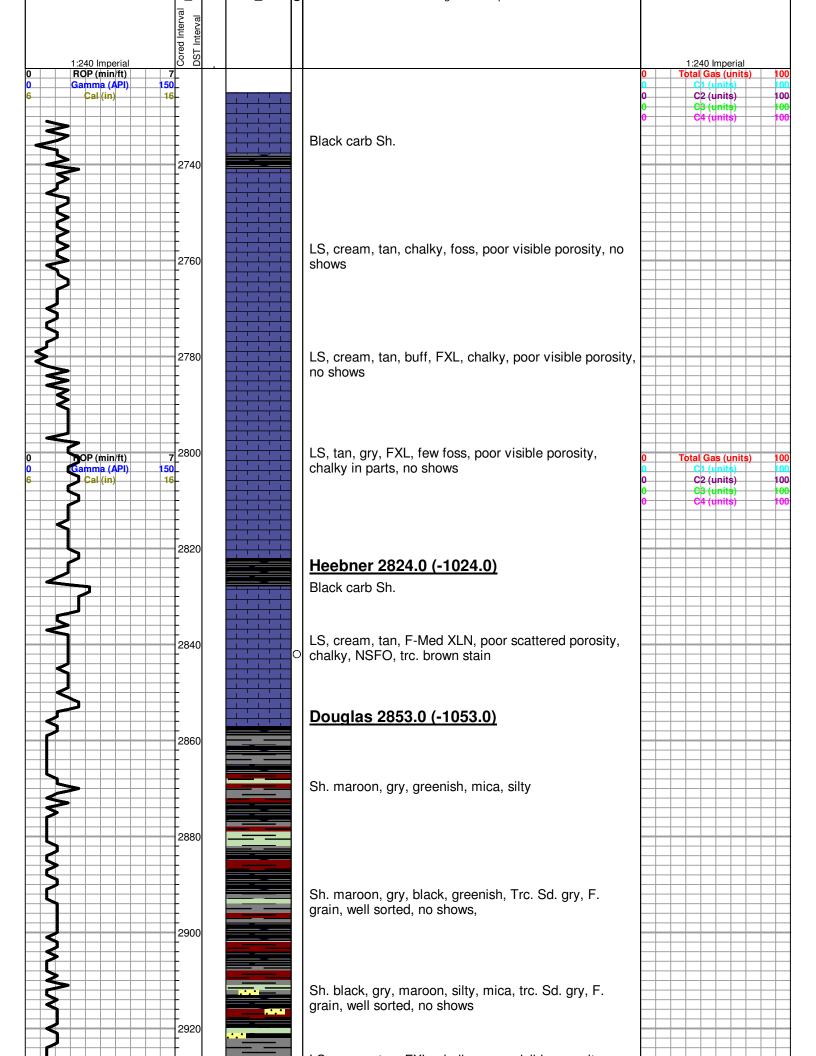
			10-	18s-10w		
ESTING , INC			Ho	elscher	2-10	
	Garden City Kansas 67846		Job Ticket: 60320			DST#:1
NOW .	ATTN: Wyatt Urban	Tes	Test Start: 2014.09.17 @ 01:00:00			
GENERAL INFORMATION:						
Formation: Lansing H-I-J	ft (KB)		Taa	+ Tunoi (	Conventione	Detter Lale (Initia)
Deviated: No Whipstock: Time Tool Opened: 02:33:00		Tes		Conventiona Dustin Ellis	al Bottom Hole (Initial)	
Time Test Ended: 06:16:00					S2-Great Be	end-80
Interval: 3078.00 ft (KB) To 3 <sup>4</sup>	164.00 ft (KB) (TVD)		Refe	erence Ele	vations:	1800.00 ft (KB)
Total Depth: 3164.00 ft (KB) (T	,				00/05	1792.00 ft (CF)
Hole Diameter: 7.88 inches Hol	e Condition: Fair			KB t	o GR/CF:	8.00 ft
Serial #: 6999 Outside						
Press@RunDepth: 64.60 psig	-	2014 22 47	Capacity			5000.00 psig
Start Date: 2014.09.17   Start Time: 01:01:00	End Date: End Time:	2014.09.17 06:16:00	Last Calil Time On		2014.09.17 (	2014.09.17 @ 02:32:30
Start Hills. 01.01.00		00.10.00	Time Off		2014.09.17 ( 2014.09.17 (	-
Pressure vs. 7	11IIIC Tomponiare	Time				
		Time	Pressure	Temp	Annotatic	on
100		(Min.)	(psig)	(deg F)		
	- 105	(Min.) 0	(psig) 1555.12	(deg F) 100.97	Initial Hydro	o-static
		(Min.)	(psig)	(deg F) 100.97 102.02	Initial Hydro	o-static
		(Min.) 0 1 29 59	(psig) 1555.12 58.13	(deg F) 100.97 102.02 104.35 104.52	Initial Hydro Open To F Shut-In(1) End Shut-Ir	o-static low (1) n(1)
		(Min.) 0 1 29 59	(psig) 1555.12 58.13 61.29 623.71 61.73	(deg F) 100.97 102.02 104.35 104.52 104.43	Initial Hydro Open To F Shut-In(1) End Shut-Iı Open To F	o-static low (1) n(1)
		(Min.) 0 1 29 59	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60	(deg F) 100.97 102.02 104.35 104.52 104.43 104.43	Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2)	o-static low (1) n(1) low (2)
		(Min.) 0 1 29 59 60	(psig) 1555.12 58.13 61.29 623.71 61.73	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72	Initial Hydro Open To F Shut-In(1) End Shut-Iı Open To F	o-static low (1) n(1) low (2) n(2)
		(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72	Initial Hydro Open To F Shut-In(1) End Shut-Ir Open To F Shut-In(2) End Shut-I	o-static low (1) n(1) low (2) n(2)
200 700 700 700 700 700 700 700		(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2)
reading and the second		(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
520 500 500 500 500 500 500 500 500 500		(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2)
zza model zza m	Volume (bbl)	(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
zza wiel w	Volume (bbl)	(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
zza wiel w	Volume (bbl)	(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
zza	Volume (bbl)	(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2) o-static
zza	Volume (bbl)	(Min.) 0 1 29 59 60 104 145	(psig) 1555.12 58.13 61.29 623.71 61.73 64.60 564.76	(deg F) 100.97 102.02 104.35 104.52 104.43 104.46 104.72 104.92	Initial Hydro Open To F Shut-In(1) End Shut-In Open To F Shut-In(2) End Shut-In Final Hydro	o-static low (1) n(1) low (2) n(2) o-static

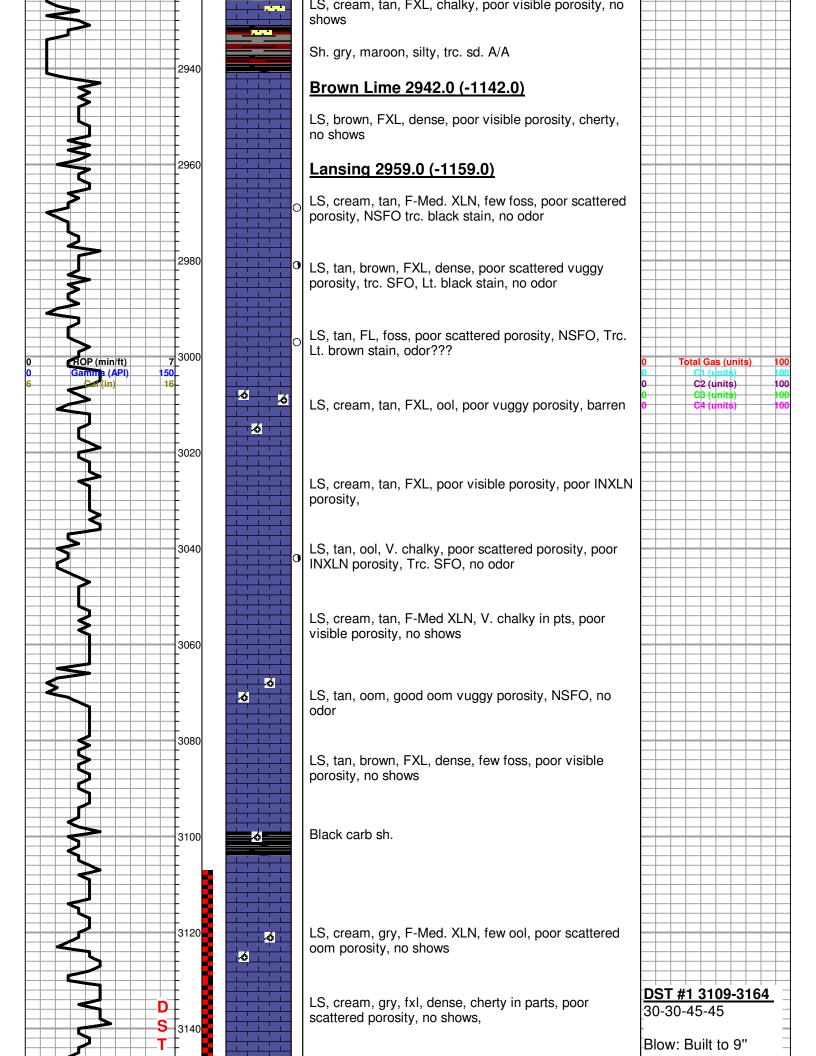
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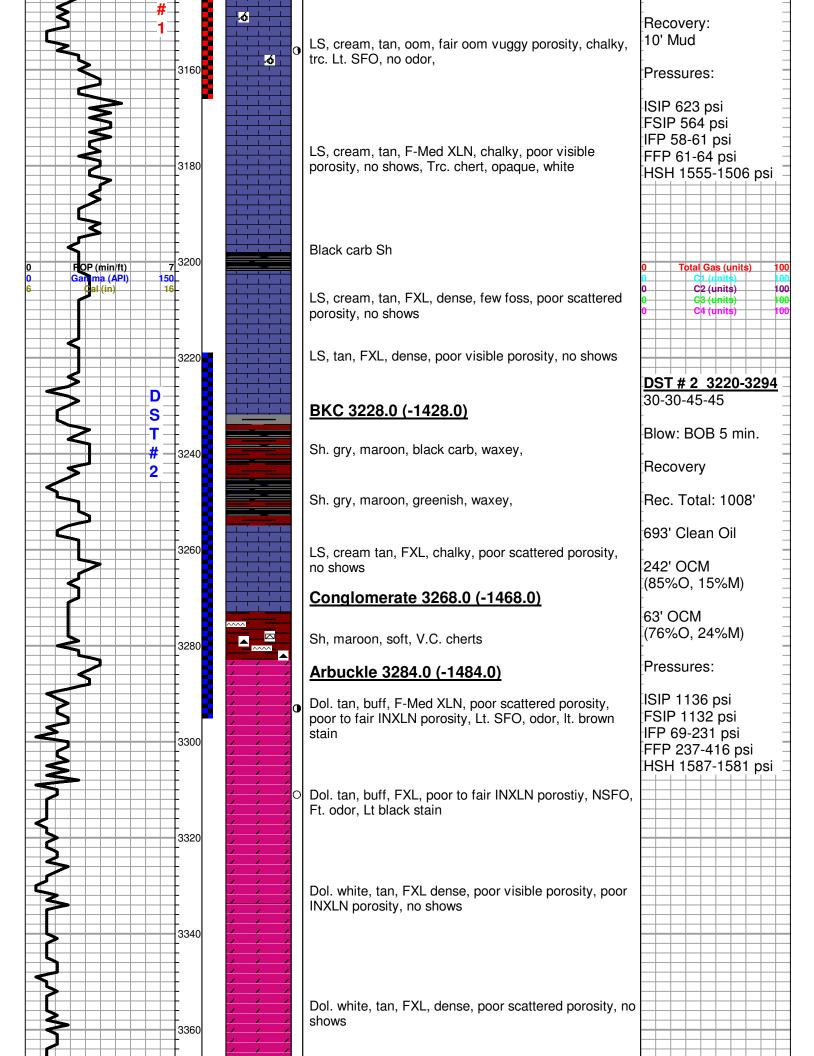
TRILOBITE	RII ORITE	DRILL STEM TEST REPORT				
	_	American Warrior	10-18s-10w-Rice			
	ESTING , INC	STTO Outrinings Ru	Hoelscher 2-10			
		Garden City Kansas 67846	Job Ticket:	60321	DST#: 2	
NON.		ATTN: Wyatt Urban	Test Start:	2014.09.17 @ 0	95:00:00	
GENERAL INF	FORMATION:					
Formation:	Arbuckle					
Deviated: Time Tool Openeo	No Whipstock: d: 06:32:30	ft (KB)	Test Type: Tester:	Conventional E Dustin Ellis	Bottom Hole (Initial)	
Time Test Ended:	: 16:47:53		Unit No:	S2-Great Ben	d-80	



0				
(200	logical	1)00	orin	hone







	3380	Dol. A/A				
0 RTD 3400' 150 6 Cal (in) 16	3400	Dol. white, gry, FXL, dense, poor visible porosiy, no shows, Trc. few Qtz. Lg. grains, heavily fractured, no shows	0 0 0 0 0	<b>C</b> 3 (1	as (units) units) units) units) units)	100 100 100 100
	3420					