

NOTES

Company: Palmer Oil, Inc.

Lease: UPC 23-7

Field:Willis

Location: NE-SW-SE-SW (335' FSL & 1700' FWL)

Sec:23

Twsp:<u>32S</u>

Rge:<u>37W</u>

County: Stevens

State:Kansas

KB:3133' GL:3120'

API #:15-189-22831-00-00

Contractor: Duke Drilling Inc. (Rig #9)

Spud:01/23/2014

Comp:01/31/2014

RTD:6521'

LTD:6524'

Mud Up: 4500'

Type Mud: Chemical

Samples Saved From: <u>4600' to RTD</u>
Drilling Time Kept From: <u>4100' to RTD</u>
Samples Examined From: <u>4600' to RTD</u>
Geological Supervision from: <u>4600' to RTD</u>

Geologist on Well: Wyatt Urban

Surface Casing: 8 5/8@1746'

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

Palmer Oil, Inc.

well comparison sheet

	DRILLING WELL Palmer Oil- UPC 23-7 NE-SW-SE-SW 23-32S-37W				COMPARISON WELL EOG Resources- UPC 23-2 SE-SW-NW-SW 23-32S-37W				COMPARISON WELL			
									EOG Resources - 23-1 Willis W2-SE-NW-SE 23-32S-37W			
							Structural		S		Struct	Structural
	3133 KB				3123 KB		Relationship		3122 KB		Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
B. Heebner	4144	-1011	4144	-1011	4145	-1022	11	11	4147	-1025	14	14
Lansing	4263	-1130	4263	-1130	4263	-1140	10	10				
Marmaton	4921	-1788	4932	-1799	4923	-1800	1	1	4948	-1826	38	27
Cherokee	5119	-1986	5122	-1989	5120	-1997	8	8	5121	-1999	13	10
Morrow	5636	-2503	5644	-2511	5638	-2515	4	4	5636	-2514	11	3
St. Gen.	6209	-3076	6213	-3080								
St. Louis	6310	-3177	6312	-3179					6356	-3234	57	55
St. Louis B	6390	-3257	6394	-3261								
RTD	6521	-3388	6521	-3388	6500	-3377	-11	-11	6590	-3468	80	80
LTD	6524	-3391	6524	-3391								



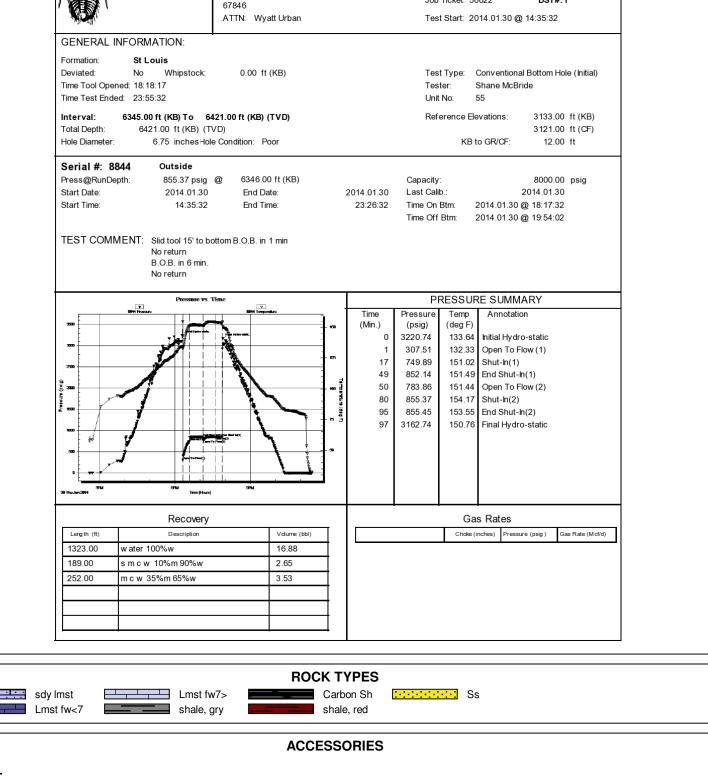
DRILL STEM TEST REPORT

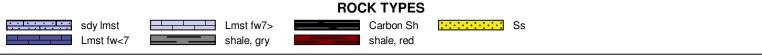
Palmer Oil Inc

23-32-37w Stevens, Ks

3118 N Cummings Rd Garden City, Ks

UPC #23-7





FOSSIL

Oolite

OTHER SYMBOLS

Oil Show

- Good Show
- Fair Show
- O Poor Show
- O Spotted or Trace
- O Questionable Stn

Curve Track #1

- D Dead Oil Stn

ROP (min/ft)

Cal (in)

* Gas

■ Fluorescence

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca) TG, C1 - C5 Total Gas (units)

C1 (units)

Intervals Gamma (API)

DST

BST Int

BST alt

Core tail pipe

ogy

C2 (units) C3 (units)

