

#### **NOTES**

Company: Palmer Oil, Inc.

Lease: Willis 23-5

Field: Willis

Location:NE-NW-SE-NE (1600' FNL& 700' FEL)

Sec: <u>23</u> Twsp:<u>32S</u> Rge:<u>37W</u>

County: Stevens State: Kansas

KB:3120' GL:3107'

API #:15-189-22825-00-00

Contractor: Duke Drilling Inc. (Rig #9)

Spud:<u>11/20/2013</u> Comp:<u>12/01/2013</u>

RTD:<u>6500'</u> LTD:<u>6475'</u>

Mud Up: 4600' Type Mud: Chemical

Samples Saved From: <u>4700' to RTD</u>
Drilling Time Kept From: <u>4100' to RTD</u>
Samples Examined From: <u>4700' to RTD</u>
Geological Supervision from: <u>4700' to RTD</u>

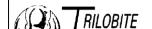
Geologist on Well: Wyatt Urban

Surface Casing: 8 5/8@ 1700'

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

# PALMER OIL, INC. WELL COMPARISON SHEET

	DRILLING WELL Palmer Oil, Willis 23-5 NE-NW-SE-NE 23-32-37				COMPARISON WELL EOG RESOURCES-WILLIS 23-2 C-N2-SW-NE 23-32-37				COMPARISON WELL EOG RESOURCES Willis 23-2 S2-NE-NE-SE 23-32S-37W			
						Structural			Structural			ural
	3120 KB				3116 KB		Relationship		3119 KB		Relationship	
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Topeka										3119	-3119	
Heebner												
B. Heebner	4159	-1039			4162	-1046	7		4160	-1041	2	
Lansing	4288	-1168			4283	-1167	-1		4275	-1156	-12	
Marmaton	4948	-1828	4966	-1846	4962	-1846	18	0	4967	-1848	20	2
Cherokee	5150	-2030	5168	-2048					5167	-2048	18	0
Morrow	5645	-2525	5639	-2519	5630	-2514	-11	-5	5634	-2515	-10	-4
St. Gen	5970	-2850	5977	-2857								
St. Louis	6288	-3168	6298	-3178	6300	-3184	16	6	6293	-3174	6	-4
St. Louis B	6355	-3235	6361	-3235								
RTD	6500	-3380			6500				6500			
LTD	6475	-3355										





3118 N Cummings Rd Garden City, Ks 67846

ATTN: Wyatt Urdan

0.00 ft (KB)

Palmer Oil

Willis # 23-5

Capacity:

Job Ticket: 54666

23-32-37 Stevens, Ks

Test Start: 2013.11.29 @ 18:36:02

**GENERAL INFORMATION:** 

Formation:

Interval:

St Louis Deviated: No Whipstock:

Time Tool Opened: 22:16:02 Time Test Ended: 08:05:02

Total Depth: 6375.00 ft (KB) (TVD)

7.88 inches Hole Condition: Poor Hole Diameter:

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

Reference Elevations: 3120.00 ft (KB)

3109.00 ft (CF)

8000.00 psig

DST#:1

11.00 ft KB to GR/CF:

Serial #: 6771 Inside

Press@RunDepth: 1010.90 psig @ 6296.00 ft (KB)

Start Date: 2013.11.29 End Date: 2013.11.30 Start Time: 18:36:02 End Time: 07:44:02

6295.00 ft (KB) To 6375.00 ft (KB) (TVD)

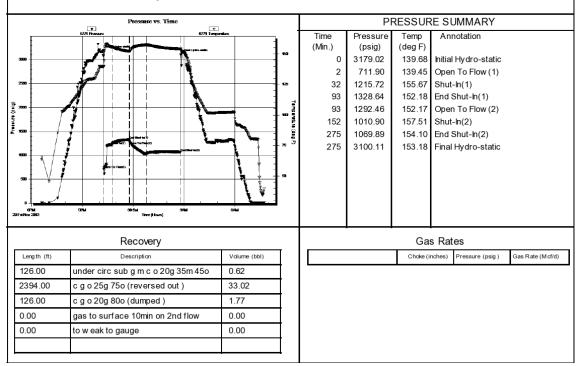
Last Calib.: 2013.11.30 2013.11.29 @ 22:14:17 Time On Btm: Time Off Btm: 2013.11.30 @ 02:49:17

TEST COMMENT: Slide tool 40' to bottom B.O.B. @ open

8" return blow

B.O.B in 4 1/2 min.G.T.S. in 10 min to w eak to gauge

Bled off throughout shutin





Lmst fw<7 Lmst fw7>



shale, gry Carbon Sh



shale, red

# **ACCESSORIES**

### **FOSSIL**

♦ Oolite

#### **OTHER SYMBOLS**

# Oil Show

- Good Show
- Fair Show
- Poor Show
- O Spotted or Trace
- O Questionable Stn
- D Dead Oil Stn
- Fluorescence
- \* Gas

Printed by GEOstrip VC Striplog version 4.0.7.0 (www.grsi.ca)

TG, C1 - C5 Total Gas (units)

Curve Track #1 ROP (min/ft) Gamma (API)

als

**DST** BST Int

DST alt

II tail pipe

Core

