# **NOTES**

Company: Palmer Oil, Inc.

Lease: Laura #21-4

Field:Gentzler North

Location: SE-SW-NE-NW (1021' FnL & 1652' FwL)

Sec:21

Twsp:<u>32S</u>

Rge:<u>37W</u>

County: Stevens State

State: Kansas

KB:3154' GL:3141'

API #: 15-189-22827-00-00

Contractor: Duke Drilling Inc. (Rig #9)

Spud:12/16/2013

Comp: 12/31/2013

RTD:6500'

LTD:6486'

Mud Up: 6500'

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@ 1755'

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

# Palmer Oil Laura 21-4

	DRILLING WELL				COMPARISON WELL				COMPARISON WELL				
	Palmer Oil - Laura 21-4				Palmer Oil- Laura 21-3				Palmer Oil - Laura 21-2				
	SE-NW-NE-SE 21-32-37W 3154 KB				SE-NW-NE-SE 21-32-37W				E2-E2-SW-SE 21-32-37W				
							Structural				Structural		
					3153 KB		Relationship		3148 KB		Relationship		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log	
Base Heebner				-					4146	-998			
Lansing									4273	-1125			
Marmaton	4928	-1774	4923	-1769	4932	-1779	5	10	4924	-1776	2	7	
Cherokee	5129	-1975	5130	-1976	5144	-1991	16	15	5140	-1992	17	16	
Atoka	5552	-2398	5560	-2406	5571	-2418	20	12	5547	-2399	1	-7	
Morrow	5680	-2526	5678	-2524	5681	-2528	2	4	5662	-2514	-12	-10	
Ste. GEN	6179	-3025	6179	-3025	6180	-3027	2	2	6180	-3032	7	7	
St. Louis	6310	-3156	6320	-3166	6330	-3177	21	11	6344	-3196	40	30	
St. Louis "B"	6410	-3256	6392	-3238	6404	-3251	-5	13	6389	-3241	-15	3	
St. Louis "C"	6415	-3261	6427	-3273	6430	-3277	16	4	6420	-3272	11	-1	
RTD	6500	-3346	6500	-3346	6500	-3347	1	1	6550	-3402	56	56	
LTD	6486	-3332	6486	-3332	6509	-3356	24	24	6538	-3390	58	58	



Palmer Oil

PO Box 399 Garden City, KS 67846

ATTN: Wyatt Urban

#### 21-32S-37W Stevens

Laura 21-4

Tester:

Job Ticket: 51912 DST#:1 Test Start: 2013.12.30 @ 10:17:39

GENERAL INFORMATION:

Formation: St. Louis

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:00:24 Time Test Ended: 21:05:09

Interval: 6341.00 ft (KB) To 6400.00 ft (KB) (TVD)

Total Depth: 6400.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good Unit No:

Leal Cason Reference Elevations: 3154.00 ft (KB)

3141.00 ft (CF)

KB to GR/CF: 13.00 ft

Test Type: Conventional Bottom Hole (Initial)

Serial #: 6798 Inside

Press@RunDepth: 207.38 psig @ 6342.00 ft (KB) 8000.00 psig Capacity: Start Date: 2013.12.30 End Date: 2013.12.30 Last Calib.: 2013.12.30 2013.12.30 @ 12:55:54 Start Time: Time On Btm: 10:17:40 End Time: 21:05:09

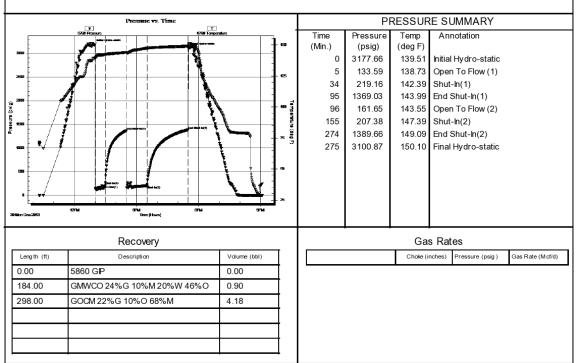
Time Off Btm: 2013.12.30 @ 17:30:24

TEST COMMENT: IF: Strong Blow , BOB in 3 1/2 minutes

ISt No Blow Back

FF:Strong Blow, BOB in 1 minute, GTS in 10 minutes, TSTM

FFSI: No Blow Back





sdy Imst Lmst fw<7



Lmst fw7> shale, grn



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)

Total Gas (units)

TG, C1 - C5

ROP (min/ft)

Curve Track #1

**DST** 

BST Int DST alt Core

II tail pipe

