

NOTES

Company: Palmer Oil, Inc.

Lease: Lola 21-4

Field: Cutter South

Location: SW-NW-SE-SE (800' FSL & 1100' FEL)

Sec: <u>21</u> Twsp: <u>31S</u> Rge: <u>35W</u>

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

KB: <u>3011'</u> GL: <u>2998'</u>

API#: 15-189-22821-00-00

Contractor: <u>Duke Drilling</u>, Co. (Rig # 9)

Spud: <u>10/26/2013</u> Comp: <u>11/4/2013</u>

RTD:<u>6400'</u> LTD:<u>6362'</u>

Mud Up: 4500' Type Mud: Chemical

Samples Saved From: <u>4600' to RTD</u>
Drilling Time Kept From: <u>4000' 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" @ 1765'

Electronic Surveys: Pioneer Energy Services, DIL, DCP, MICRO,

	DRILLING WELL Palmer Oil - Lola 21-4				COMPARISON WELL EOG Resources 21-1 Lola C-SE-SE-SE				COMPARISON WELL EOG Resourses 3-21 Lola C-S2-SW-SE			
	SW-NW-SE-SE											
	21-31s-35W				21-31s-3 <u>5</u> W				21-31s-3 <u>5</u> W			
					Structural					Structural		
	3011	3011 KB			3010 KB Relationship		nship	3013 KB		Relationship		
Formation	Sample	Sub-Sea	Log	Sub-Sea	Log	Sub-Sea	Sample	Log	Log	Sub-Sea	Sample	Log
Heebner	4101	-1090							4097	-1084		
Base Heebner	4108	-1097			4105	-1095	-2			3013		
Lansing	4209	-1198	, and the second		4210	-1200	2		4218	-1205	7	
Marmaton	4898	-1887			4891	-1881	-6		4906	-1893	6	
Cherokee	5111	-2100			5114	-2104	4			3013	-5113	

Atoka	2396	-2363	3394	-2364	-1	3393	-2382	-3	
Morrow	5506	-2495	5506	-2496	1	5512	-2499	4	
Chester	5803	-2792	5786	-2776	-16	5797	-2784	-8	
Lower Chester	6005	-2994	5985	-2975	-19	6000	-2987	-7	
PERFS UPPER			5985	-2975		6000	-2987		
PERFS LOWER			6000	-2990		6018	-3005		
LTD	6362	-3351		3010					
RTD	6400	-3389	6210	-3200		6500	-3487		

RILOBITE TESTING, INC.

DRILL STEM TEST REPORT

21-31-35 Stevens, Ks

3118 N Cummings Rd Lola #21-4 Garden City, Ks Job Ticket: 54656 DST#:1 67846 ATTN: Wyatt Urban Test Start: 2013.11.02 @ 07:35:41

GENERAL INFORMATION:

Lower Chester

No Whipstock: 0.00 ft (KB) Test Type: Conventional Bottom Hole (Initial) Deviated:

Time Tool Opened: 10:54:41 Tester: Shane McBride

Time Test Ended: 16:20:26 Unit No:

5980.00 ft (KB) To 6015.00 ft (KB) (TVD) Interval:

Total Depth: 6015.00 ft (KB) (TVD) 3000.00 ft (CF) Hole Diameter: 7.88 inchesHole Condition: Fair KB to GR/CF: 11.00 ft

Serial #: 6771 Inside

5981.00 ft (KB) 8000.00 psig Press@RunDepth: 25.39 psig @ Capacity: Start Date: 2013.11.02 End Date: 2013.11.02 Last Calib.: 2013.11.02 Start Time: 07:35:41 End Time: 16:00:26 Time On Btm: 2013.11.02 @ 10:54:26

2013.11.02 @ 13:05:56 Time Off Btm:

Reference Elevations:

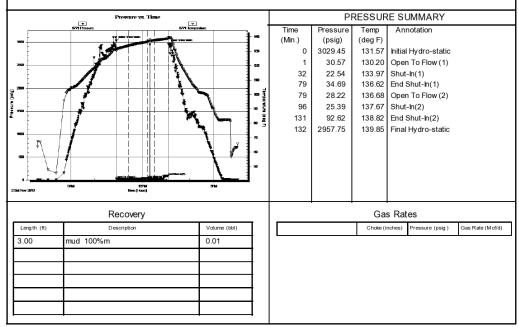
3011.00 ft (KB)

TEST COMMENT: 1/4"in blow

No return

No blow, Flush tool after 5 min good surge, No blow

No return



Trilobite Testing, Inc

Ref. No: 54656

Printed: 2013.11.02 @ 17:42:59

Dolsec sdy Imst



Lmst fw<7

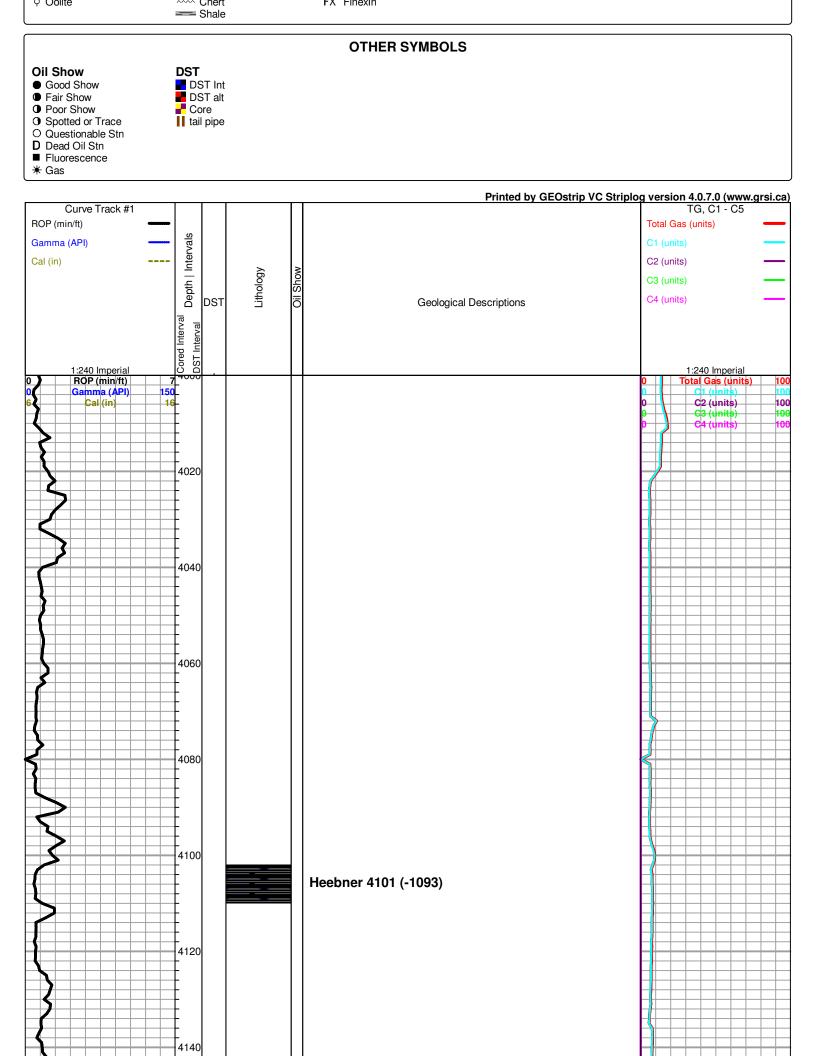


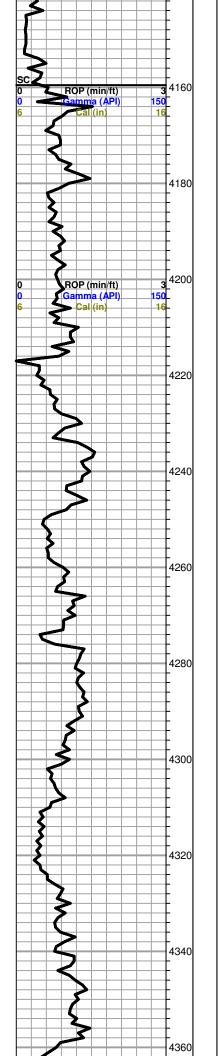
shale, gry Carbon Sh Ss Ss

ACCESSORIES

FOSSIL STRINGER

TEXTURE





Lansing 4209 (-1198)

