

DRILL STEM TEST REPORT

Prepared For: **Staab Oil**

1607 Hopewell Rd
Hays KS 67601

ATTN: Steve Murphy

29 12 17 Ellis KS

Karlin #7

Start Date: 2007.11.30 @ 18:12:46

End Date: 2007.12.01 @ 00:21:40

Job Ticket #: 30416 DST #: 1

15-051-25704
SW NE NE NE
450 FNL 650 FEL

RECEIVED
KANSAS CORPORATION COMMISSION

JAN 24 2008

CONSERVATION DIVISION
WICHITA, KS

Trilobite Testing, Inc
 PO Box 362 Hays, KS 67601
 ph: 785-625-4778 fax: 785-625-5620

Staab Oil

Karlin #7

29 12 17 Ellis KS

DST # 1

LKC "E-F"

2007.11.30



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TESTING, INC**

DRILL STEM TEST REPORT

Staab Oil
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Karlin #7
29 12 17 Ellis KS
Job Ticket: 30416 **DST#: 1**
Test Start: 2007.11.30 @ 18:12:46

GENERAL INFORMATION:

Formation: **LKC "E-F"**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:13:41
Time Test Ended: 00:21:40

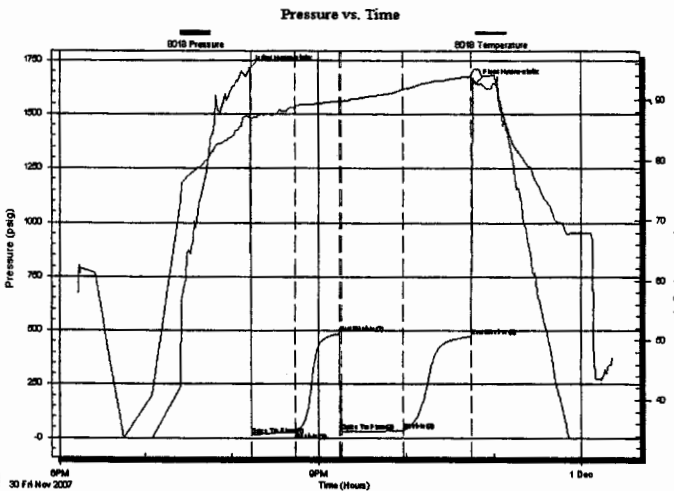
Interval: **3465.00 ft (KB) To 3490.00 ft (KB) (TVD)**
Total Depth: **3490.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition:

Test Type: Conventional Bottom Hole
Tester: Brian Fairbank
Unit No: 41

Reference Elevations: 2142.00 ft (KB)
2137.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8018 Inside
Press@RunDepth: 32.98 psig @ 3467.01 ft (KB) Capacity: 7000.00 psig
Start Date: 2007.11.30 End Date: 2007.12.01 Last Calib.: 2007.12.01
Start Time: 18:12:46 End Time: 00:21:40 Time On Btm: 2007.11.30 @ 20:12:11
Time Off Btm: 2007.11.30 @ 22:48:10

TEST COMMENT: IFP Weak blow throughout 1/4" - 2"
ISI No blow back
FFP Weak to fair blow 1/4" - 4"
FSI No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1709.04	87.16	Initial Hydro-static
2	13.70	86.92	Open To Flow (1)
32	27.47	88.76	Shut-In(1)
62	485.97	89.79	End Shut-In(1)
63	28.41	89.69	Open To Flow(2)
106	32.98	91.73	Shut-In(2)
153	473.61	93.93	End Shut-In(2)
156	1645.43	95.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	GOCM 5%G 10%O 85%M	0.36

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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TOOL DIAGRAM

Staab Oil

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Tool Information

Drill Pipe:	Length: 3446.00 ft	Diameter: 3.80 inches	Volume: 48.34 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 30.00 ft	Diameter: 2.25 inches	Volume: 0.15 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 48.49 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	31.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3465.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.02 ft			
Tool Length:	45.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3450.00	
Hydraulic tool	5.00			3455.00	
Packer	5.00			3460.00	20.00 Bottom Of Top Packer
Packer	5.00			3465.00	
Stubb	1.00			3466.00	
Perforations	1.00			3467.00	
Recorder	0.01	8018	Inside	3467.01	
Recorder	0.01	8366	Outside	3467.02	
Perforations	20.00			3487.02	
Bullnose	3.00			3490.02	25.02 Bottom Packers & Anchor
Total Tool Length:	45.02				



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	GOCM 5%G 10%O 85%M	0.358

Total Length: 45.00 ft Total Volume: 0.358 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 30' GIP

