



## DRILL STEM TEST REPORT

Prepared For: **Kinney Oil Company**

1401 17th st ste 870 Denver CO 80202 + 1246

ATTN: Saman Sharifaie

### **Plattner 1-10 #1**

### **10-1s- 14e Nemaha**

Start Date: 2013.05.27 @ 10:40:00

End Date: 2013.05.27 @ 00:00:00

Job Ticket #: 17462                      DST #: 2

Superior Testers Enterprises LLC  
PO Box 138 Great Bend KS 67530  
1-800-792-6902

Printed: 2013.05.27 @ 22:20:34

Kinney Oil Company  
10-1s- 14e Nemaha  
Plattner 1-10 #1  
DST # 2  
Simpson Sand  
2013.05.27



# DRILL STEM TEST REPORT

Kinney Oil Company

**10-1s- 14e Nemaha**

1401 17th st ste 870 Denver CO 80202 + 1246

**Plattner 1-10 #1**

ATTN: Saman Sharifaie

Job Ticket: 17462

**DST#: 2**

Test Start: 2013.05.27 @ 10:40:00

## GENERAL INFORMATION:

Formation: **Simpson Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:29:00

Time Test Ended: 00:00:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Jared Scheck

Unit No: 3320-270-Great Bend

**Interval: 3749.00 ft (KB) To 3766.00 ft (KB) (TVD)**

Reference Elevations: 1211.00 ft (KB)

Total Depth: 3766.00 ft (KB) (TVD)

1201.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

## Serial #: 6731

Press@RunDepth: 1385.94 psia @ ft (KB)

Capacity: psia

Start Date: 2013.05.27

End Date: 2013.05.27

Last Calib.: 1899.12.30

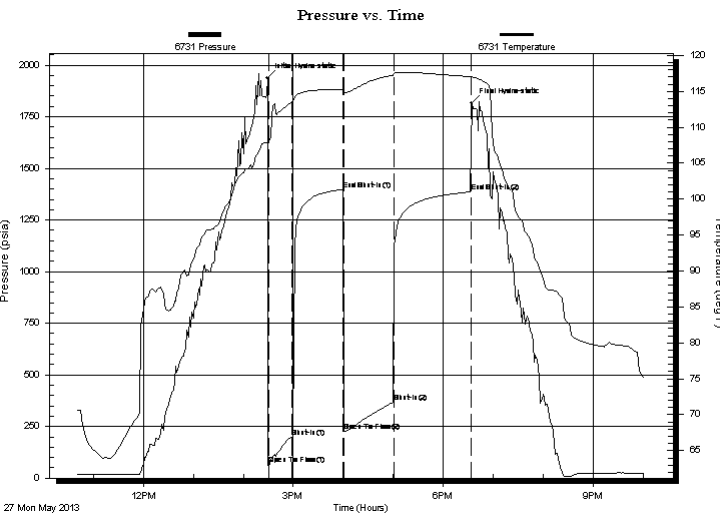
Start Time: 10:40:00

End Time: 22:04:00

Time On Btm: 2013.05.27 @ 14:29:00

Time Off Btm: 2013.05.27 @ 18:34:30

**TEST COMMENT:** 1st Opening 30 Minutes-Fair blow built bottom of bucket in 16 minutes  
 1st Shut-in 60 Minutes-Very weak blow  
 2nd Opening 60 Minutes-Fair blow built bottom of bucket in 17 Minutes  
 2nd Shut-in 90 Minutes-No blow back



## PRESSURE SUMMARY

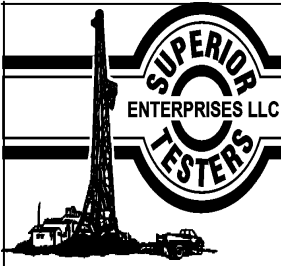
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1938.79	107.81	Initial Hydro-static
2	66.00	108.14	Open To Flow (1)
30	199.94	113.61	Shut-In(1)
91	1398.65	115.20	End Shut-In(1)
92	225.30	114.87	Open To Flow (2)
152	368.65	117.22	Shut-In(2)
245	1385.94	117.04	End Shut-In(2)
246	1815.86	117.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil mud cut w ater 1%o 30%m 69%w	0.15
670.00	w ater	6.42
0.00	chlorides 40,000 resistivity .1@75degree	0.00

## Gas Rates

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



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ATTN: Saman Sharifaie

Job Ticket: 17462

**DST#: 2**

Test Start: 2013.05.27 @ 10:40:00

## GENERAL INFORMATION:

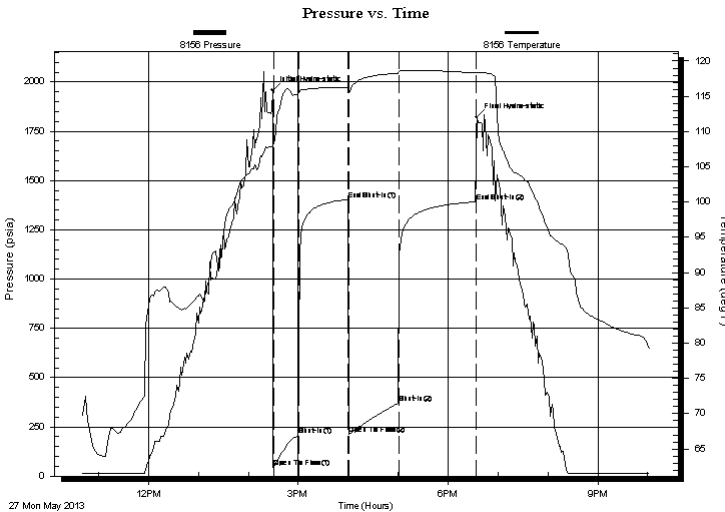
Formation: **Simpson Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 14:29:00  
 Time Test Ended: 00:00:00  
 Interval: **3749.00 ft (KB) To 3766.00 ft (KB) (TVD)**  
 Total Depth: 3766.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320-270-Great Bend  
 Reference Elevations: 1211.00 ft (KB)  
 1201.00 ft (CF)  
 KB to GR/CF: 10.00 ft

## Serial #: 8156

Press@RunDepth: 1392.38 psia @ ft (KB) Capacity: psia  
 Start Date: 2013.05.27 End Date: 2013.05.27 Last Calib.: 1899.12.30  
 Start Time: 10:40:00 End Time: 22:04:30 Time On Btm: 2013.05.27 @ 14:29:00  
 Time Off Btm: 2013.05.27 @ 18:34:30

**TEST COMMENT:** 1st Opening 30 Minutes-Fair blow built bottom of bucket in 16 minutes  
 1st Shut-in 60 Minutes-Very weak blow  
 2nd Opening 60 Minutes-Fair blow built bottom of bucket in 17 Minutes  
 2nd Shut-in 90 Minutes-No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1958.58	107.91	Initial Hydro-static
1	43.68	108.02	Open To Flow (1)
32	208.15	115.34	Shut-In(1)
91	1404.41	116.29	End Shut-In(1)
92	213.07	115.78	Open To Flow (2)
152	371.42	118.27	Shut-In(2)
245	1392.38	118.33	End Shut-In(2)
246	1821.85	118.42	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	oil mud cut w ater 1%o 30%m 69%w	0.15
670.00	w ater	6.42
0.00	chlorides 40,000 resistivity .1@75degree	0.00

## Gas Rates

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



# DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Kinney Oil Company

**10-1s- 14e Nemaha**

1401 17th st ste 870 Denver CO 80202 + 1246

**Plattner 1-10 #1**

Job Ticket: 17462

**DST#:2**

ATTN: Saman Sharifaie

Test Start: 2013.05.27 @ 10:40:00

## Tool Information

Drill Pipe:	Length: 3374.00 ft	Diameter: 3.80 inches	Volume: 47.33 bbl	Tool Weight: 1000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 357.00 ft	Diameter: 2.25 inches	Volume: 1.76 bbl	Weight to Pull Loose: 40000.00 lb
			<u>Total Volume: 49.09 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 35000.00 lb
Depth to Top Packer:	3749.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	17.00 ft			
Tool Length:	45.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Shut-In Tool	5.00			3726.00	
Hydraulic Tool	5.00			3731.00	
Jars	6.00			3737.00	
Safety Joint	2.00			3739.00	
Packer	5.00			3744.00	28.00 Bottom Of Top Packer
Packer	5.00			3749.00	
Anchor	12.00			3761.00	
Recorder	1.00	6731	Inside	3762.00	
Recorder	1.00		Outside	3763.00	
Bullnose	3.00			3766.00	17.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>45.00</b>				



# DRILL STEM TEST REPORT

## FLUID SUMMARY

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Job Ticket: 17462

**DST#:2**

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### Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	sec/qt	Cushion Volume:	bbl		
Water Loss:	in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	ppm				
Filter Cake:	inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	oil mud cut w ater 1%o 30%m 69%w	0.148
670.00	w ater	6.420
0.00	chlorides 40,000 resistivity .1@75degree	0.000

Total Length: 700.00 ft      Total Volume: 6.568 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

