



## DRILL STEM TEST REPORT

Prepared For: **Trans Pacific Oil Corporation**

100 s Main Ste 200 wichita KS 67202+3735

ATTN: Frank Mize

### **Nutsch-Buss'A' 1-2**

#### **2-10-20w Rooks**

Start Date: 2013.05.11 @ 05:43:00

End Date: 2013.05.11 @ 12:00:30

Job Ticket #: 17457                      DST #: 1

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

Printed: 2013.05.11 @ 12:42:11



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 Test Start: 2013.05.11 @ 05:43:00

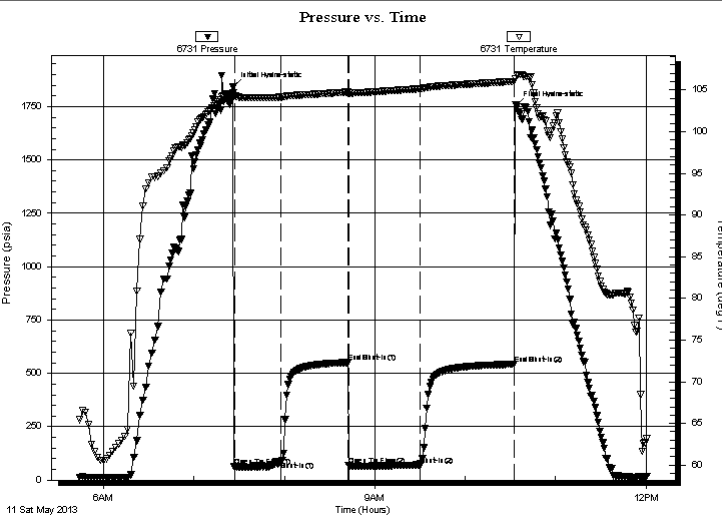
## GENERAL INFORMATION:

Formation: **LKC**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 07:27:00  
 Time Test Ended: 12:00:30  
**Interval: 3591.00 ft (KB) To 3629.00 ft (KB) (TVD)**  
 Total Depth: 3629.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jared Scheck  
 Unit No: 3320 -  
 Reference Elevations: 2257.00 ft (KB)  
 2250.00 ft (CF)  
 KB to GR/CF: 7.00 ft

## Serial #: 6731

Press@RunDepth: 71.37 psia @ ft (KB)      Capacity: 5000.00 psia  
 Start Date: 2013.05.11      End Date: 2013.05.11      Last Calib.: 2013.05.11  
 Start Time: 05:44:00      End Time: 12:00:30      Time On Btm: 2013.05.11 @ 07:26:00  
 Time Off Btm: 2013.05.11 @ 10:33:30

**TEST COMMENT:** 1st Opening 30 Minutes-Weak blow built 1 3/4 inch into bucket w ater in 30 minutes  
 1st Shut-in 45 Minutes-No blow back  
 2nd Opening 45 Minutes-Very weak blow built 1 inch into bucket w ater in 45 minutes  
 2nd Shut-in 60 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1843.01	104.69	Initial Hydro-static
1	63.44	104.30	Open To Flow (1)
32	87.52	104.14	Shut-In(1)
76	550.84	104.73	End Shut-In(1)
77	68.02	104.62	Open To Flow (2)
124	71.37	105.15	Shut-In(2)
187	543.13	106.03	End Shut-In(2)
188	1756.37	106.38	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	oil w ater cut mud	0.70
0.00	10%oil 10%w ater 80%mud	0.00
0.00	Chlorides 24,000 resistivity .,2@70deg	0.00

## Gas Rates

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



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 Job Ticket: 17457 **DST#: 1**  
 Test Start: 2013.05.11 @ 05:43:00

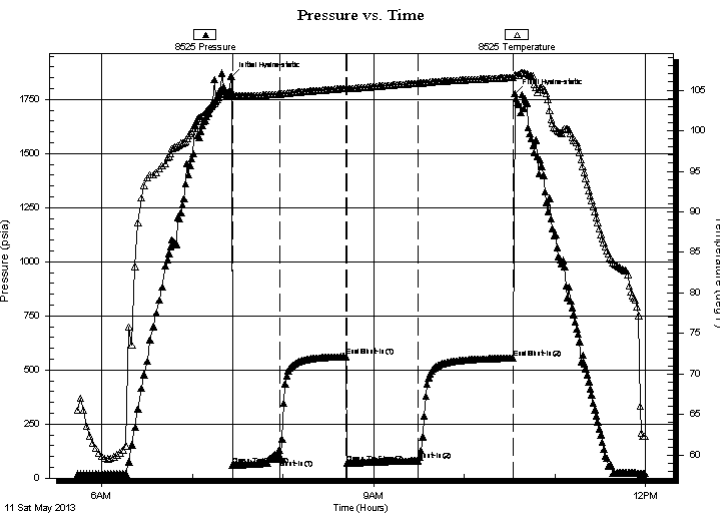
## GENERAL INFORMATION:

Formation: **LKC**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Initial)  
 Time Tool Opened: 07:27:00 Tester: Jared Scheck  
 Time Test Ended: 12:00:30 Unit No: 3320 -  
 Interval: **3591.00 ft (KB) To 3629.00 ft (KB) (TVD)** Reference Elevations: 2257.00 ft (KB)  
 Total Depth: 3629.00 ft (KB) (TVD) 2250.00 ft (CF)  
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

## Serial #: 8525

Press@RunDepth: 554.91 psia @ ft (KB) Capacity: 5000.00 psia  
 Start Date: 2013.05.11 End Date: 2013.05.11 Last Calib.: 2013.05.11  
 Start Time: 05:44:00 End Time: 12:00:00 Time On Btm: 2013.05.11 @ 07:26:00  
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**TEST COMMENT:** 1st Opening 30 Minutes-Weak blow built 1 3/4 inch into bucket w ater in 30 minutes  
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 2nd Opening 45 Minutes-Very weak blow built 1 inch into bucket w ater in 45 minutes  
 2nd Shut-in 60 Minutes-No blow back



## PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1855.59	104.81	Initial Hydro-static
1	61.35	104.47	Open To Flow (1)
32	89.22	104.51	Shut-In(1)
76	561.76	105.22	End Shut-In(1)
77	69.69	105.20	Open To Flow (2)
124	80.39	105.84	Shut-In(2)
187	554.91	106.56	End Shut-In(2)
188	1775.71	106.84	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	oil w ater cut mud	0.70
0.00	10%oil 10%w ater 80%mud	0.00
0.00	Chlorides 24,000 resistivity .,2@70degre	0.00

## Gas Rates

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



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**TOOL DIAGRAM**

Trans Pacific Oil Corporation  
 100 s Main Ste 200 wichita KS 67202+3735  
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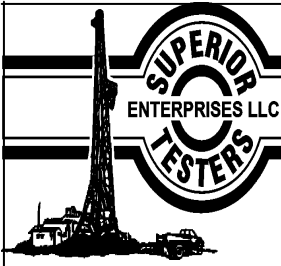
**2-10-20w Rooks**  
**Nutsch-Buss'A' 1-2**  
 Job Ticket: 17457      **DST#: 1**  
 Test Start: 2013.05.11 @ 05:43:00

**Tool Information**

Drill Pipe:	Length: 3588.00 ft	Diameter: 3.80 inches	Volume: 50.33 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: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 55000.00 lb
			<u>Total Volume: 50.33 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	3591.00 ft			Final 46000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	38.00 ft			
Tool Length:	66.00 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			3568.00	
Hydraulic Tool	5.00			3573.00	
Jars	6.00			3579.00	
Safety Joint	2.00			3581.00	
Packer	5.00			3586.00	28.00      Bottom Of Top Packer
Packer	5.00			3591.00	
Anchor	33.00			3624.00	
Recorder	1.00		Inside	3625.00	
Recorder	1.00		Outside	3626.00	
Bullnose	3.00			3629.00	38.00      Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>66.00</b>				



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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: bbl		
Water Loss: 6.40 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 1400.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	oil w ater cut mud	0.701
0.00	10%oil 10%w ater 80%mud	0.000
0.00	Chlorides 24,000 resistivity .,2@70degre	0.000

Total Length: 50.00 ft      Total Volume: 0.701 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

