



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Indian Oil Co  
 PO Box 209  
 Medicine Lodge, KS 67104  
 ATTN: Scott Alberg

**#1 Lambert**  
**1-30S-15W Barber**  
 Job Ticket: 039274 **DST#: 2**  
 Test Start: 2011.01.12 @ 01:16:28

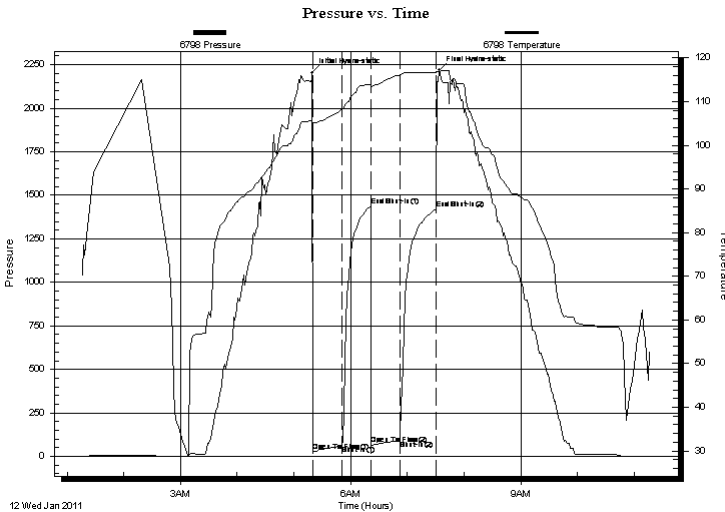
## GENERAL INFORMATION:

Formation: **Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:19:43  
 Time Test Ended: 11:16:28  
 Interval: **4444.00 ft (KB) To 4500.00 ft (KB) (TVD)**  
 Total Depth: 4500.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole  
 Tester: Leal Cason  
 Unit No: 45  
 Reference Elevations: 1903.00 ft (KB)  
 1893.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 6798 Inside**  
 Press @ Run Depth: 93.78 psig @ 4445.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.01.12 End Date: 2011.01.12 Last Calib.: 2011.01.12  
 Start Time: 01:16:29 End Time: 11:16:28 Time On Btm: 2011.01.12 @ 05:19:13  
 Time Off Btm: 2011.01.12 @ 07:33:58

**TEST COMMENT:** IF: Weak Blow , 2 inches  
 IS: No Blow back  
 FF: Weak Blow , 2 inches  
 FS: No Blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2203.42	105.68	Initial Hydro-static
1	29.18	104.67	Open To Flow (1)
32	61.21	108.21	Shut-In(1)
63	1440.69	113.92	End Shut-In(1)
63	68.39	113.23	Open To Flow (2)
93	93.78	116.13	Shut-In(2)
132	1419.93	116.80	End Shut-In(2)
135	2217.16	116.74	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	GWCM 5%g 45%w 50%m	0.84
60.00	GWCM 5%g 30%w 65%m	0.84
30.00	GCM 5%g 95%m	0.42

## Gas Rates

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



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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: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.20 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	GWCM 5%g 45%w 50%m	0.842
60.00	GWCM 5%g 30%w 65%m	0.842
30.00	GCM 5%g 95%m	0.421

Total Length: 150.00 ft      Total Volume: 2.105 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

