



DRILL STEM TEST REPORT

Prepared For: **Cyclone Petroleum, Incorporated**

1030 West Main Jenks Oklahoma 74037

ATTN: Steve Miller

McCurry 12-2

12-23s-3w-Harvey

Start Date: 2012.12.16 @ 03:17:00

End Date: 2012.12.16 @ 08:12:30

Job Ticket #: 17715 DST #: 2

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

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 Test Start: 2012.12.16 @ 03:17:00

GENERAL INFORMATION:

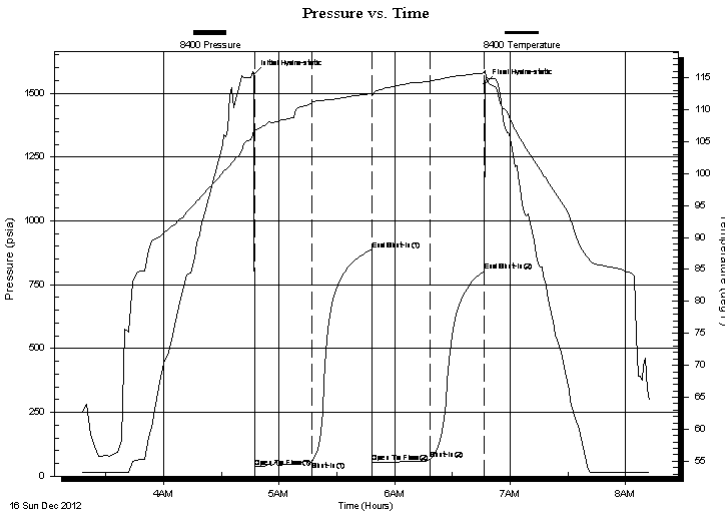
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:47:30
 Time Test Ended: 08:12:30
Interval: 3265.00 ft (KB) To 3290.00 ft (KB) (TVD)
 Total Depth: 3290.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Ellis
 Unit No: 3315-Great Bend-190
 Reference Elevations: 1432.00 ft (KB)
 1424.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 8400

Press@RunDepth: 802.67 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.16 End Date: 2012.12.16 Last Calib.: 2012.12.16
 Start Time: 03:17:00 End Time: 08:12:30 Time On Btm: 2012.12.16 @ 04:47:00
 Time Off Btm: 2012.12.16 @ 06:47:00

TEST COMMENT: 1st Open 30 minutes Weak Building blow blew 2 inches.
 1st Shut in 30 minutes No blow back
 2nd Open 30 minutes Weak blow blew 1/2 inch.
 2nd Shut in 30 minutes No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1574.62	106.96	Initial Hydro-static
1	36.20	106.77	Open To Flow (1)
30	58.47	111.07	Shut-In(1)
61	887.49	112.51	End Shut-In(1)
62	55.48	112.22	Open To Flow (2)
92	67.26	114.42	Shut-In(2)
120	802.67	115.72	End Shut-In(2)
120	1537.25	116.13	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
50.00	Mud	0.70

Gas Rates

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



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TOOL DIAGRAM

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Tool Information

Drill Pipe:	Length: 3262.00 ft	Diameter: 3.80 inches	Volume: 45.76 bbl	Tool Weight:	2000.00 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:	59000.00 lb
			<u>Total Volume: 45.76 bbl</u>	Tool Chased	4.00 ft
Drill Pipe Above KB:	17.00 ft			String Weight: Initial	54000.00 lb
Depth to Top Packer:	3265.00 ft			Final	54000.00 lb
Depth to Bottom Packer:	ft				
Interval between Packers:	5.00 ft				
Tool Length:	25.00 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			3250.00	
Hydraulic Tool	5.00			3255.00	
Packer	5.00			3260.00	20.00 Bottom Of Top Packer
Packer	5.00			3265.00	
Anchor	0.00			3265.00	
Recorder	1.00	6663	Inside	3266.00	
Recorder	1.00	8400	Outside	3267.00	
Bullnose	3.00			3270.00	5.00 Bottom Packers & Anchor

Total Tool Length: 25.00



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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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.40 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 700.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	Mud	0.701

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:

