



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

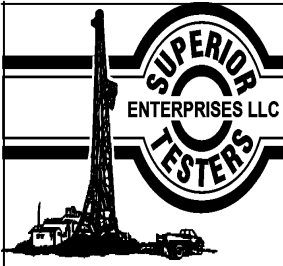
Start Date: 2012.12.16 @ 12:33:00

End Date: 2012.12.16 @ 18:50:00

Job Ticket #: 17714 DST #: 1

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

Printed: 2012.12.16 @ 07:05:34



DRILL STEM TEST REPORT

Cyclone Petroleum, Incorporated
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 ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
 Job Ticket: 17714 **DST#: 1**
 Test Start: 2012.12.16 @ 12:33:00

GENERAL INFORMATION:

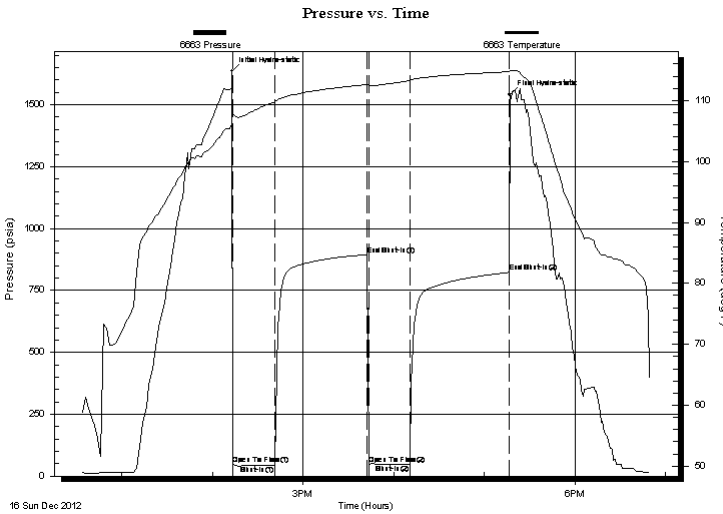
Formation: **Mississippi**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:13:30
 Time Test Ended: 18:50:00
Interval: 3240.00 ft (KB) To 3265.00 ft (KB) (TVD)
 Total Depth: 3265.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: 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 #: 6663

Press@RunDepth: 47.95 psia @ ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.12.16 End Date: 2012.12.16 Last Calib.: 2012.12.16
 Start Time: 12:33:00 End Time: 18:50:00 Time On Btm: 2012.12.16 @ 14:13:00
 Time Off Btm: 2012.12.16 @ 17:17:00

TEST COMMENT: 1st Open 30 minutes Strong blow bottom bucket instantly
 1st Shut in 60 minutes No blow back
 2nd Open 30 minutes Strong blow blew off bottom bucket instantly
 2nd Shut in 60 minutes No blow back

PRESSURE SUMMARY



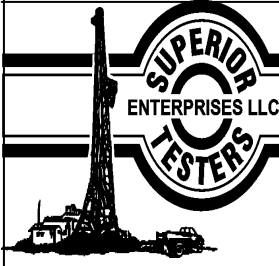
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1635.31	106.71	Initial Hydro-static
1	48.66	107.62	Open To Flow (1)
29	43.86	109.81	Shut-In(1)
90	894.48	112.62	End Shut-In(1)
91	48.79	112.39	Open To Flow (2)
118	47.95	113.23	Shut-In(2)
184	822.75	114.73	End Shut-In(2)
184	1540.97	114.90	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud 100%	0.49

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.30	3.65
Last Gas Rate	0.25	2.30	3.65



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McCurry 12-2
 Job Ticket: 17714 **DST#: 1**
 Test Start: 2012.12.16 @ 12:33:00

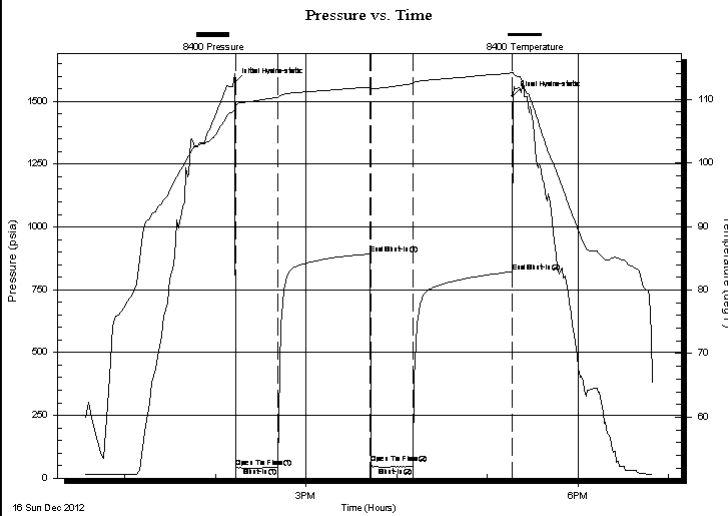
GENERAL INFORMATION:

Formation:	Mississippi	Test Type:	Conventional Bottom Hole (Initial)
Deviated:	No Whipstock:	ft (KB)	
Time Tool Opened:	14:13:30	Tester:	Dustin Ellis
Time Test Ended:	18:50:00	Unit No:	3315-Great Bend-190
Interval:	3240.00 ft (KB) To 3265.00 ft (KB) (TVD)	Reference Elevations:	1432.00 ft (KB)
Total Depth:	3265.00 ft (KB) (TVD)		1424.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	Fair
		KB to GR/CF:	8.00 ft

Serial #: 8400

Press@RunDepth:	821.25 psia @	ft (KB)	Capacity:	5000.00 psia	
Start Date:	2012.12.16	End Date:	2012.12.16	Last Calib.:	2012.12.16
Start Time:	12:33:00	End Time:	18:50:00	Time On Btm:	2012.12.16 @ 14:13:00
				Time Off Btm:	2012.12.16 @ 17:17:00

TEST COMMENT: 1st Open 30 minutes Strong blow bottom bucket instantly
 1st Shut in 60 minutes No blow back
 2nd Open 30 minutes Strong blow blew off bottom bucket instantly
 2nd Shut in 60 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1573.31	108.82	Initial Hydro-static
1	43.54	109.07	Open To Flow (1)
29	42.00	110.30	Shut-In(1)
90	892.33	111.93	End Shut-In(1)
90	57.03	111.60	Open To Flow (2)
118	44.93	112.43	Shut-In(2)
184	821.25	114.15	End Shut-In(2)
184	1522.43	114.22	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
35.00	Mud 100%	0.49

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
First Gas Rate	0.25	2.30	3.65
Last Gas Rate	0.25	2.30	3.65



DRILL STEM TEST REPORT

TOOL DIAGRAM

Cyclone Petroleum, Incorporated
 1030 West Main Jenks Oklahoma 74037
 ATTN: Steve Miller

12-23s-3w-Harvey
McCurry 12-2
 Job Ticket: 17714 **DST#: 1**
 Test Start: 2012.12.16 @ 12:33:00

Tool Information

Drill Pipe:	Length: 3222.00 ft	Diameter: 3.80 inches	Volume: 45.20 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: 60000.00 lb
			<u>Total Volume: 45.20 bbl</u>	Tool Chased 5.00 ft
Drill Pipe Above KB:	10.00 ft			String Weight: Initial 50000.00 lb
Depth to Top Packer:	3240.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	53.00 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			3217.00	
Hydraulic Tool	5.00			3222.00	
Safety Joint	2.00			3224.00	
Jars	6.00			3230.00	
Packer	5.00			3235.00	28.00 Bottom Of Top Packer
Packer	5.00			3240.00	
Anchor	20.00			3260.00	
Recorder	1.00	6663	Inside	3261.00	
Recorder	1.00	8400	Outside	3262.00	
Bullnose	3.00			3265.00	25.00 Bottom Packers & Anchor
Total Tool Length:	53.00				



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FLUID SUMMARY

Cyclone Petroleum, Incorporated
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McCurry 12-2
Job Ticket: 17714 **DST#: 1**
Test Start: 2012.12.16 @ 12:33:00

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:	48.00 sec/qt	Cushion Volume:	bbl		
Water Loss:	9.20 in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psia		
Salinity:	800.00 ppm				
Filter Cake:	1.00 inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	Mud 100%	0.491

Total Length: 35.00 ft Total Volume: 0.491 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:



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GAS RATES

Cyclone Petroleum, Incorporated

12-23s-3w-Harvey

1030 West Main Jenks Oklahoma 74037

McCurry 12-2

Job Ticket: 17714

DST#: 1

ATTN: Steve Miller

Test Start: 2012.12.16 @ 12:33:00

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psia)	Gas Rate (Mcf/d)
1	20	0.25	2.30	3.65
1	20	0.25	2.30	3.65

