



DRILL STEM TEST REPORT

Prepared For: **Noble Petroleum Inc.**

3101 North Rock Road Suite
125 Wichita Kansas 67226

ATTN: Bill

17-28s-4e-Butler

Haskins Jones #2

Start Date: 2011.10.08 @ 08:46:00

End Date: 2011.10.08 @ 15:55:00

Job Ticket #: 17223 DST #: 1

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

Printed: 2011.10.09 @ 21:57:05



DRILL STEM TEST REPORT

Noble Petroleum Inc.
3101 North Rock Road Suite
125 Wichita Kansas 67226
ATTN: Bill

Haskins Jones #2
17-28s-4e-Butler
Job Ticket: 17223 **DST#: 1**
Test Start: 2011.10.08 @ 08:46:00

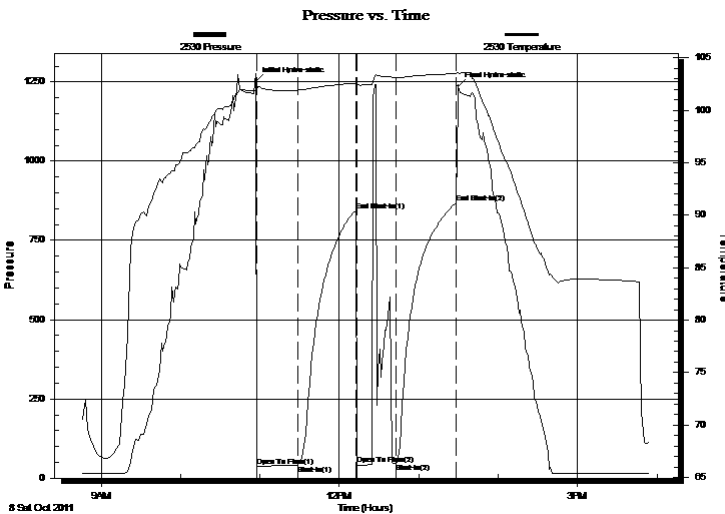
GENERAL INFORMATION:

Formation: **Arbuckle**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 10:57:30 Tester: Dustin Ellis
Time Test Ended: 15:55:00 Unit No: 3315-GB-240
Interval: 2458.00 ft (KB) To 2480.00 ft (KB) (TVD) Reference Elevations: 1271.00 ft (KB)
Total Depth: 2480.00 ft (KB) (TVD) 1265.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 2530 Inside
Press @ Run Depth: 47.85 psia @ 2476.00 ft (KB) Capacity: 5000.00 psia
Start Date: 2011.10.08 End Date: 2011.10.08 Last Calib.: 2011.10.09
Start Time: 08:46:00 End Time: 15:55:00 Time On Btm: 2011.10.08 @ 10:57:00
Time Off Btm: 2011.10.08 @ 13:30:00

TEST COMMENT: 1st open 30 minutes Weak surface blow then died off
1st shut in 45 minutes No blow back
2nd open 30 minutes Weak surface blow died off
2nd shut in 45 minutes No blow back

PRESSURE SUMMARY



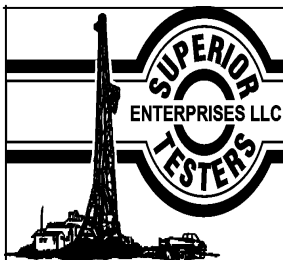
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1251.80	102.31	Initial Hydro-static
1	38.17	101.93	Open To Flow (1)
32	41.59	101.92	Shut-In(1)
76	844.39	102.59	End Shut-In(1)
76	43.60	102.33	Open To Flow (2)
106	47.85	103.08	Shut-In(2)
152	869.14	103.49	End Shut-In(2)
153	1235.58	103.54	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Oil cut mud 80%oil 20%mud	0.02

Gas Rates

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



DRILL STEM TEST REPORT

Noble Petroleum Inc.
 3101 North Rock Road Suite
 125 Wichita Kansas 67226
 ATTN: Bill

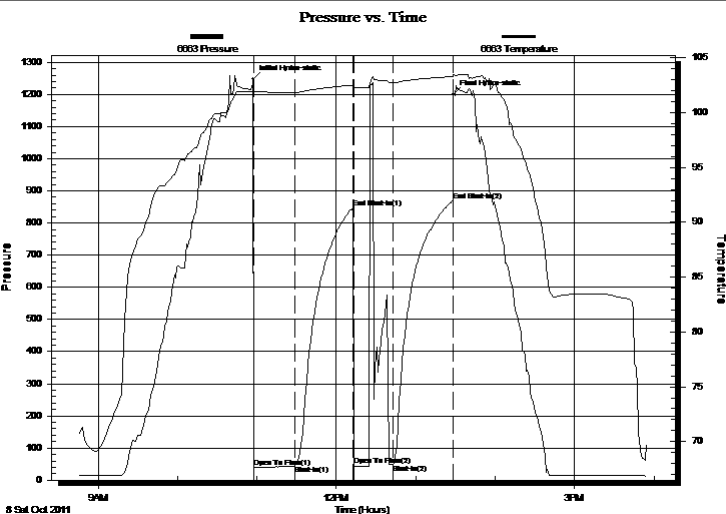
Haskins Jones #2
17-28s-4e-Butler
 Job Ticket: 17223 **DST#: 1**
 Test Start: 2011.10.08 @ 08:46:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 10:57:30 Tester: Dustin Ellis
 Time Test Ended: 15:55:00 Unit No: 3315-GB-240
 Interval: **2458.00 ft (KB) To 2480.00 ft (KB) (TVD)** Reference Elevations: 1271.00 ft (KB)
 Total Depth: 2480.00 ft (KB) (TVD) 1265.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 6.00 ft

Serial #: 6663 Outside
 Press @ Run Depth: 869.14 psia @ 2477.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2011.10.08 End Date: 2011.10.08 Last Calib.: 2011.10.09
 Start Time: 08:46:00 End Time: 15:54:30 Time On Btm: 2011.10.08 @ 10:57:00
 Time Off Btm: 2011.10.08 @ 13:28:30

TEST COMMENT: 1st open 30 minutes Weak surface blow then died off
 1st shut in 45 minutes No blow back
 2nd open 30 minutes Weak surface blow died off
 2nd shut in 45 minutes No blow back



PRESSURE SUMMARY

Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1246.79	102.17	Initial Hydro-static
1	39.66	101.89	Open To Flow (1)
32	46.10	101.86	Shut-In(1)
76	846.43	102.53	End Shut-In(1)
76	44.83	102.29	Open To Flow (2)
106	49.45	102.75	Shut-In(2)
151	869.14	103.31	End Shut-In(2)
152	1200.30	103.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Oil cut mud 80%oil 20%mud	0.02

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Noble Petroleum Inc.
 3101 North Rock Road Suite
 125 Wichita Kansas 67226
 ATTN: Bill

Haskins Jones #2
17-28s-4e-Butler
 Job Ticket: 17223 **DST#: 1**
 Test Start: 2011.10.08 @ 08:46:00

Tool Information

Drill Pipe:	Length: 2225.00 ft	Diameter: 3.80 inches	Volume: 31.21 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: 219.00 ft	Diameter: 2.25 inches	Volume: 1.08 bbl	Weight to Pull Loose: 36000.00 lb
			<u>Total Volume: 32.29 bbl</u>	Tool Chased 1.00 ft
Drill Pipe Above KB:	14.00 ft			String Weight: Initial 36000.00 lb
Depth to Top Packer:	2458.00 ft			Final 36000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	22.00 ft			
Tool Length:	50.00 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			2435.00	
Hydraulic Tool	5.00			2440.00	
Jars	6.00			2446.00	
Safety Joint	2.00			2448.00	
Packer	5.00			2453.00	28.00 Bottom Of Top Packer
Packer	5.00			2458.00	
Perforations	17.00			2475.00	
Recorder	1.00	68066	Inside	2476.00	
Recorder	1.00	6663	Outside	2477.00	
Bull Plug	3.00			2480.00	22.00 Bottom Packers & Anchor
Total Tool Length:	50.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Noble Petroleum Inc.
 3101 North Rock Road Suite
 125 Wichita Kansas 67226
 ATTN: Bill

Haskins Jones #2
17-28s-4e-Butler
 Job Ticket: 17223 **DST#: 1**
 Test Start: 2011.10.08 @ 08:46:00

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: 38.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.17 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 1200.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Oil cut mud 80%oil 20%mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

Serial #: 2530

Inside

Noble Petroleum Inc.

17-28s-4e-Butler

DST Test Number: 1

