



15-161-20076-00-00

DRILL STEM TEST REPORT

Prepared For: **CLARK DONALD C DBE CFA OIL COMPANY**

PO BOX 252
BONNER SPRINGS
KS 66012

*can
m
12/04/08*

ATTN: DON

10
20-12-9

SUE DURACHE #1

Start Date: 2008.10.07 @ 15:54:40

End Date: 2008.10.07 @ 20:01:40

Job Ticket #: 16845 DST #: 1

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

Printed: 2008.10.08 @ 10:00:56

CLARK DONALD C DBE CFA OIL COMPANY

SUE DURACHE #1

20-12-9

DST # 1

REGAN SANDS

2008.10.07

12/04/08



DRILL STEM TEST REPORT

CLARK DONALD C DBE CFA OIL COMPANY

SUE DURACHE #1

PO BOX 252
BONNER SPRINGS
KS 66012
ATTN: DON

10
20-42-9E

Job Ticket: 16845

DST#: 1

Test Start: 2008.10.07 @ 15:54:40

GENERAL INFORMATION:

Formation: **REGAN SANDS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 20:01:40

Interval: **988.00 ft (KB) To 1074.00 ft (KB) (TVD)**

Total Depth: 1074.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 352 MGB

Reference Elevations: 1009.00 ft (KB)

1004.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8400

Press@RunDepth: psig @ ft (KB)

Start Date: 2008.10.07 End Date: 2008.10.07

Start Time: 15:55:40 End Time: 20:01:40

Capacity: 5000.00 psig

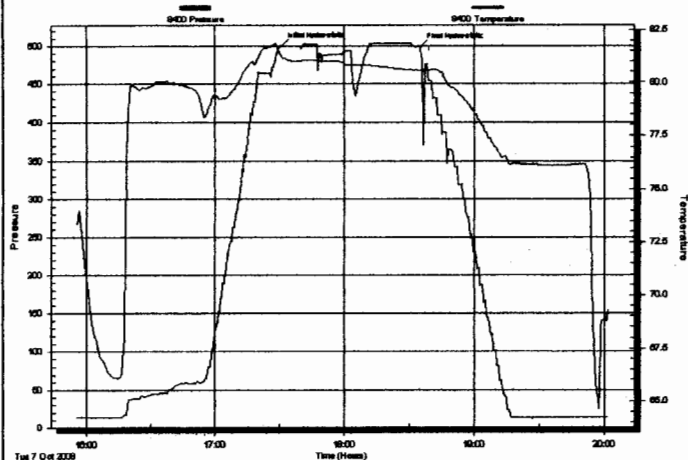
Last Calib.: 1899.12.30

Time On Btm: 2008.10.07 @ 17:30:40

Time Off Btm: 2008.10.07 @ 18:35:10

TEST COMMENT: MISS RUN

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	500.31	81.24	Initial Hydro-static
65	499.04	80.57	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
920.00	WATER	9.44

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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Superior Testers Enterprises LLC

Ref. No: 16845

Printed: 2008.10.08 @ 10:00:57



DRILL STEM TEST REPORT

TOOL DIAGRAM

CLARK DONALD C DBE CFA OIL COMPANY

SUE DURACHE #1

PO BOX 252
BONNER SPRINGS
KS 66012
ATTN: DON

¹⁰
20-12-9E

Job Ticket: 16845

DST#: 1

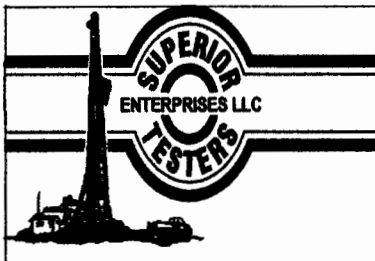
Test Start: 2008.10.07 @ 15:54:40

Tool Information

Drill Pipe:	Length:	962.00 ft	Diameter:	3.25 inches	Volume:	9.87 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:	10000.00 lb
Drill Collar:	Length:	0.00 ft	Diameter:	0.00 inches	Volume:	0.00 bbl	Weight to Pull Loose:	24000.00 lb
					Total Volume:	9.87 bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	4.00 ft						String Weight: Initial	19000.00 lb
Depth to Top Packer:	988.00 ft						Final	21000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	86.50 ft							
Tool Length:	116.50 ft							
Number of Packers:	2	Diameter:	6.75 inches					
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
CIRCULATING SUB	1.00			959.00	
CHANGE OVER SUB	1.00			960.00	
SHUT IN TOOL	5.00			965.00	
HYDROLOGIC TOOL	5.00		Fluid	970.00	
JARS	6.00			976.00	
SAFETY JOINT	2.00			978.00	
Packer	5.00			983.00	30.00 Bottom Of Top Packer
Packer	5.00		Inside	988.00	
STUBB	0.00			988.00	
Anchor	20.00			1008.00	
CHANGE OVER	0.75			1008.75	
DRILL PIPE	60.00			1068.75	
CHANGE OVER	0.75			1069.50	
BULL PLUG	5.00			1074.50	86.50 Bottom Packers & Anchor

Total Tool Length: 116.50



DRILL STEM TEST REPORT

FLUID SUMMARY

CLARK DONALD C DBE CFA OIL COMPANY

SUE DURACHE #1

PO BOX 252
BONNER SPRINGS
KS 66012
ATTN: DON

20-12-9E

Job Ticket: 16845

DST#: 1

Test Start: 2008.10.07 @ 15:54:40

Mud and Cushion Information

Mud Type:		Cushion Type:		Oil API:	deg API
Mud Weight:	lb/gal	Cushion Length:	ft	Water Salinity:	ppm
Viscosity:	sec/qt	Cushion Volume:	bbl		
Water Loss:	in ³	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	ppm				
Filter Cake:	inches				

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
920.00	WATER	9.440

Total Length: 920.00 ft

Total Volume: 9.440 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

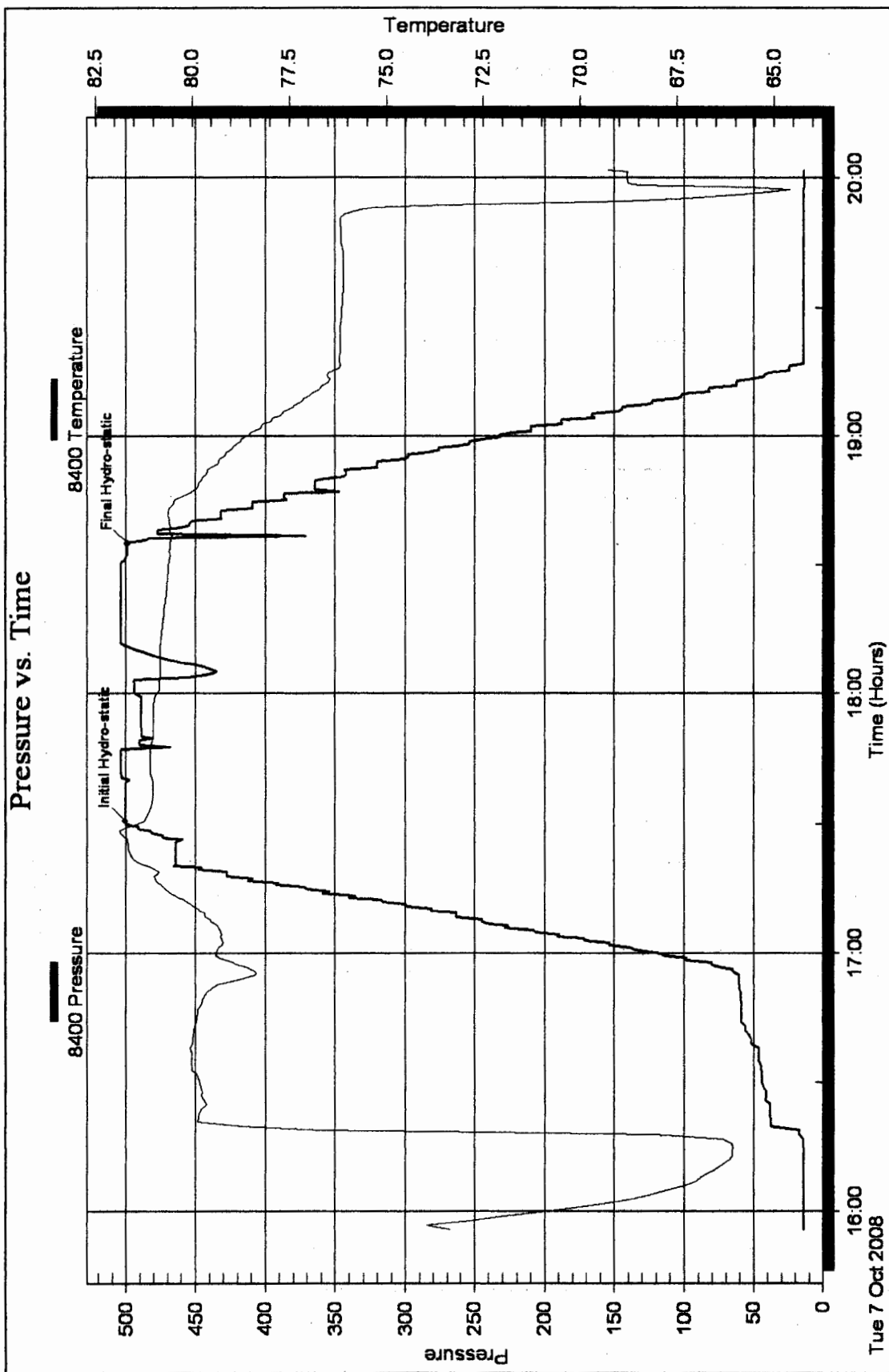
DST Test Number: 1

10
20-12-9E

CLARK DONALD C DBE CFA OIL COMPANY

Serial #: 8400

Pressure vs. Time



Printed: 2008.10.08 @ 10:00:57

Ref. No: 16845

Superior Testers Enterprises LLC



DRILL STEM TEST REPORT

Prepared For: **CLARK DONALD C DBE CFA OIL COMPANY**

PO BOX 252
BONNER SPRINGS
KS 66012

ATTN: DON

¹⁰
~~20-12-9~~^E

SUE DURACHE #1

Start Date: 2008.10.07 @ 21:36:27

End Date: 2008.10.08 @ 02:30:27

Job Ticket #: 16846 DST #: 2

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

Printed: 2008.10.08 @ 10:01:22

CLARK DONALD C DBE CFA OIL COMPANY SUE DURACHE #1 ¹⁰
~~20-12-9~~^E DST # 2 REGAN SANDS 2008.10.07



DRILL STEM TEST REPORT

CLARK DONALD C DBE CFA OIL COMPANY

SUE DURACHE #1

PO BOX 252
BONNER SPRINGS
KS 66012
ATTN: DON

20-12-9¹⁰

Job Ticket: 16846

DST#: 2

Test Start: 2008.10.07 @ 21:36:27

GENERAL INFORMATION:

Formation: **REGAN SANDS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:53:57

Time Test Ended: 02:30:27

Test Type: Conventional Bottom Hole (Initial)

Tester: DAVID NICHOLS

Unit No: 3345 352 M GB

Interval: **948.00 ft (KB) To 1074.00 ft (KB) (TVD)**

Total Depth: 1074.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 1009.00 ft (KB)

1004.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8400

Press@RunDepth: 475.94 psig @ ft (KB)

Start Date: 2008.10.07

End Date:

2008.10.08

Capacity: 5000.00 psig

Last Calib.: 1899.12.30

Start Time: 21:37:27

End Time:

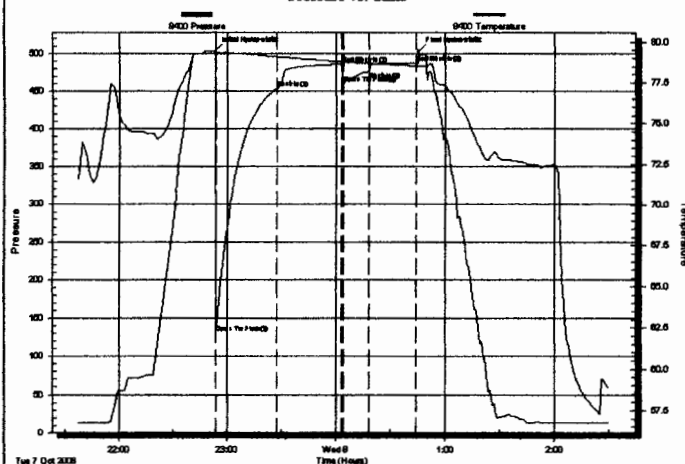
02:30:27

Time On Btm: 2008.10.07 @ 22:53:27

Time Off Btm: 2008.10.08 @ 00:45:27

TEST COMMENT: 40- INITIAL OPENING GOOD BLOW BUILT TO BOTTOM BUCKET IN 1 MIN
30-INITIAL SHUT IN NO BLOW BACK
15-FINAL OPENING GOOD BLOW BOTTOM OF THE BUCKET IN LESS 1 MIN
30 FINAL SHUT IN NO BLOW BACK

Pressure vs. Time



PRESSURE SUMMARY

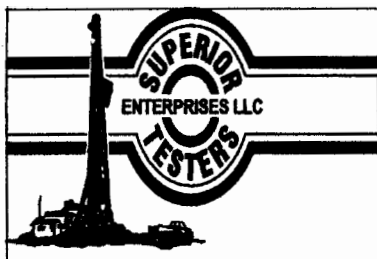
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	502.84	79.47	Initial Hydro-static
1	130.28	79.36	Open To Flow (1)
34	453.12	79.09	Shut-In(1)
70	485.89	78.80	End Shut-In(1)
71	459.22	78.78	Open To Flow (2)
85	475.94	78.69	Shut-In(2)
111	487.69	78.54	End Shut-In(2)
112	502.89	78.53	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
930.00	MUDDY WATER 100%WATER	8.13

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

CLARK DONALD C DBE CFA OIL COMPANY

SUE DURACHE #1

PO BOX 252
BONNER SPRINGS
KS 66012
ATTN: DON

20-12-9¹⁰E

Job Ticket: 16846

DST#: 2

Test Start: 2008.10.07 @ 21:36:27

Tool Information

Drill Pipe:	Length: 943.00 ft	Diameter: 3.00 inches	Volume: 8.24 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: 10000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 25000.00 lb
			Total Volume: 8.24 bbl	Tool Chased 0.00 ft
Drill Pipe Above KB:	25.00 ft			String Weight: Initial 19000.00 lb
Depth to Top Packer:	948.00 ft			Final 21000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	126.50 ft			
Tool Length:	156.50 ft			
Number of Packers:	2	Diameter:	6.75 inches	

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
CIRCULATING SUB	1.00			919.00	
CHANGE OVER SUB	1.00			920.00	
SHUT IN TOOL	5.00			925.00	
HYDROLIC TOOL	5.00		Fluid	930.00	
JARS	6.00			936.00	
SAFETY JOINT	2.00			938.00	
Packer	5.00			943.00	30.00 Bottom Of Top Packer
Packer	5.00		Inside	948.00	
STUBB	0.00			948.00	
Anchor	20.00			968.00	
CHANGE OVER	0.75			968.75	
DRILL PIPE	100.00			1068.75	
CHANGE OVER	0.75			1069.50	
BULL PLUG	5.00			1074.50	126.50 Bottom Packers & Anchor

Total Tool Length: 156.50



DRILL STEM TEST REPORT

FLUID SUMMARY

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PO BOX 252
BONNER SPRINGS
KS 66012
ATTN: DON

¹⁰
~~20-12-9~~ E
Job Ticket: 16846 DST#: 2
Test Start: 2008.10.07 @ 21:36:27

Mud and Cushion Information

Mud Type:	Water	Cushion Type:		Oil API:		deg API
Mud Weight:	lb/gal	Cushion Length:	ft	Water Salinity:		ppm
Viscosity:	sec/qt	Cushion Volume:	bbl			
Water Loss:	in ³	Gas Cushion Type:				
Resistivity:	ohm.m	Gas Cushion Pressure:	psig			
Salinity:	ppm					
Filter Cake:	inches					

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
930.00	MUDDY WATER 100%WATER	8.131

Total Length: 930.00 ft Total Volume: 8.131 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8400

CLARK DONALD C DBE CFA OIL COMPANY

20-12-9 E

DST Test Number: 2

Pressure vs. Time

