

Superior Testers Enterprises L.L.C.

P.O. Box 138, Great Bend, Kansas 67530

(800) 792-6902

Company 1/ Leath Exploration Trust

Address 1308 Schwallery Ave. Hays Kansas 67601

Lease & # Walt PML #7 Sec. 13 Twp 11S Rng 20W

Date 5-16-2012 County Ellis Elevation 1999 G.L. 2007 K.B.

Drilling Contractor Discovery Drilling Rig #3

Drill Pipe Length 3360 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 XH

Drill Collar Length N/A I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 XH

Mud Weight 8.9 Viscosity 48 Filtrate 10.0 Chlorides-Pits 20.000 DST N/A

Top Packer Depth 3360 Bottom Packer Depth 3365 Number of Packers 2

Tested From 3365 to 3405 Total Depth 3405 Anchor Length 40'

Test # 2 Formation Tested Leasing "E-F-G" Zones Hole Size 7 7/8

Initial Blow Very Very Weak blow / Blow blew @ .25 inches into bucket of water Blow back on the 1st Shut-in None

Final Blow 4 bubbles when we opened hole / 15 minutes post change / Shut-in / pulled ft Blow back on the 2nd Shut-in N/A

Initial Hydrostatic 11607 P.S.I. Final Hydrostatic 1607 P.S.I. Maximum Temp. N/A F

Initial Opening 43 P.S.I. to 48 P.S.I. from 7:23p m to 7:53p m 30 minutes

Initial Shut-in 609 P.S.I. from 7:53p m to 8:23p m 30 minutes

Final Opening 45 P.S.I. to 50 P.S.I. from 8:23p m to 8:38p m 15 minutes

Final Shut-in N/A P.S.I. from N/A-N/A m to N/A-N/A m N/A minutes

Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
15'	Mud			15	

Total Feet Recovered 15' Recovery Chlorides None Rw. N/A ohms @ N/A Degrees

Gravity of oil N/A corrected Gas to Surface in 0 minutes into the pipe

Max. Gas Gauged None MCF/day See Gas Flow Report Was a gas sample taken None

Comments Thank you for the work

Extra Equipment-Jars None Safety Joint None Circulating Sub None Straddle None

Electronic Recorder No. 8419 Depth 3401 Extra Packer (3rd) None Hook Wall None

Bottom Recorder No. 6666 Depth 3402 Extra Packer (4th) None Sampler None

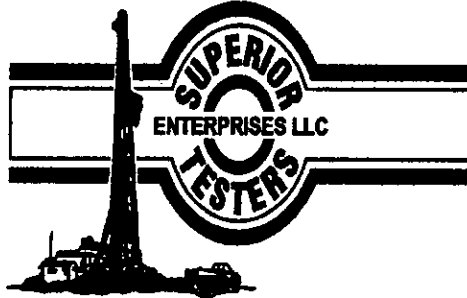
Tool Operator Jan E. Ellis Approved By N/A

Ticket No. 7344

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DRILL STEM TEST REPORT

Prepared For: **Werth Exploration Trust**

1308 Schwaller Ave.
Hays, Kansas
67601

ATTN: Jason Alm

Walz RM#1

13/11S/20W Ellis Co.

Start Date: 2012.05.16 @ 05:53:00

End Date: 2012.05.16 @ 10:21:00

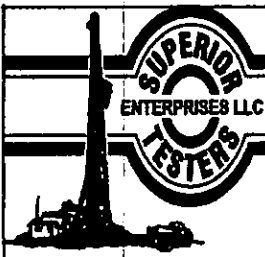
Job Ticket #: 17344 DST #: 2

Superior Testers Enterprises LLC
PO Box 138 Great Bend KS 67530
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Printed: 2012.05.16 @ 20:34:40

Werth Exploration Trust 13/11S/20W Ellis Co. Walz RM#1 DST # 2 Lansing " E-F-G " Zo 2012.05.16



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Ave.
 Hays, Kansas
 67601
 ATTN: Jason Altn

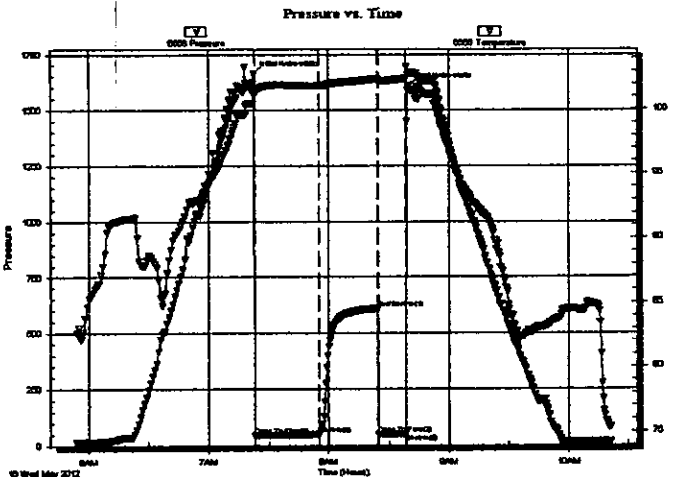
13/11S/20W Ellis Co.
 Walz RMI#1
 Job Ticket: 17344 DST#: 2
 Test Start: 2012.05.16 @ 05:53:00

GENERAL INFORMATION:

Formation: **Lansing "E-F-G" Zo**
 Deviated: **No Whipstock:** ft (KB)
 Test Type: **Conventional Bottom Hole (Initial)**
 Tester: **Dylan E Ellis**
 Time Tool Opened: **07:23:00**
 Time Test Ended: **10:21:00**
 Unit No: **3345/Hays/48**
 Interval: **3365.00 ft (KB) To 3405.00 ft (KB) (TVD)**
 Reference Elevations: **2007.00 ft (KB)**
Total Depth: **3405.00 ft (KB) (TVD)**
1999.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **8.00 ft**

Serial #: 6666 **Inside**
 Press@RunDepth: **48.12 psia @ 3402.00 ft (KB)** Capacity: **5000.00 psia**
 Start Date: **2012.05.16** End Date: **2012.05.16** Last Calib.: **2012.05.16**
 Start Time: **05:53:00** End Time: **10:21:00** Time On Btrr: **2012.05.16 @ 07:22:30**
 Time Off Btrr: **2012.05.16 @ 08:40:00**

TEST COMMENT: 1ST Opening 30 Minutes very very weak blow/blow blew 0.25 inches into bucket of water
 1ST Shut-in 30 Minutes no blow back
 2ND Opening 15 Minutes 4 bubbles/ than it would just spit one here and there
 2ND Shut-in N/A N/A N/A N/A N/A N/A N/A N/A



PRESSURE SUMMARY

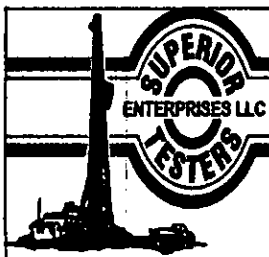
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1661.91	101.08	Initial Hydro-static
1	43.80	101.31	Open To Flow (1)
33	48.12	101.81	Shut-in(1)
62	609.92	102.34	End Shut-in(1)
63	48.86	102.20	Open To Flow (2)
76	50.75	102.37	Shut-in(2)
78	1607.35	102.78	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

	Choke (inches)	Pressure (psia)	Gas Rate (Mcfd)



DRILL STEM TEST REPORT

Werth Exploration Trust

13/11S/20W Ellis Co.

1308 Schwaller Ave.
Hays, Kansas
67601
ATTN: Jason Alm

Walz RMI#1

Job Ticket: 17344

DST#: 2

Test Start: 2012.05.16 @ 05:53:00

GENERAL INFORMATION:

Formation: Lansing "E-F-G" Zo

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:23:00

Time Test Ended: 10:21:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Dylan E Ellis

Unit No: 3345/Hays/48

Interval: 3365.00 ft (KB) To 3405.00 ft (KB) (TVD)

Reference Elevations: 2007.00 ft (KB)

Total Depth: 3405.00 ft (KB) (TVD)

1999.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8419

Outside

Press@RunDepth: 621.96 psia @ 3401.00 ft (KB)

Capacity: 5000.00 psia

Start Date: 2012.05.16

End Date:

2012.05.16

Last Calib.: 2012.05.16

Start Time: 05:53:00

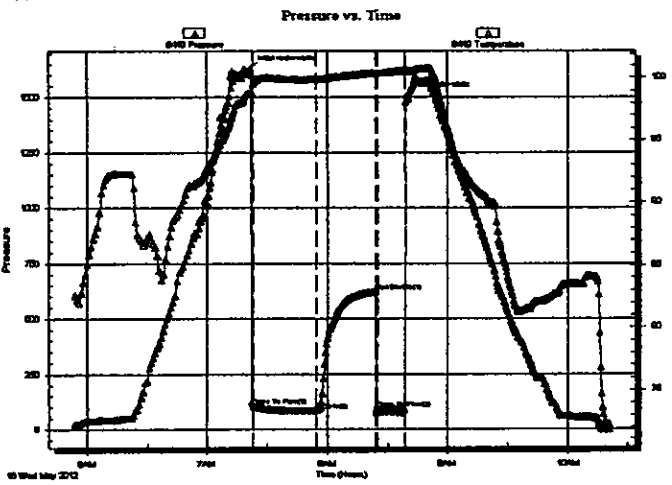
End Time:

10:20:30

Time On Btrm: 2012.05.16 @ 07:22:00

Time Off Btrm: 2012.05.16 @ 08:39:30

TEST COMMENT: 1ST Opening 30 Minutes very very weak blow/blow blew 0.25 inches into bucket of water
 1ST Shut-in 30 Minutes no blow back
 2ND Opening 15 Minutes 4 bubbles/ than it w ould just spit one here and there
 2ND Shut-in N/A N/A N/A N/A N/A N/A N/A N/A



PRESSURE SUMMARY

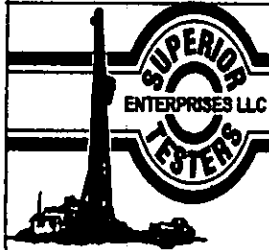
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1631.91	98.79	Initial Hydro-static
1	103.83	99.53	Open To Flow (1)
33	82.68	99.87	Shut-in(1)
62	621.96	100.41	End Shut-in(1)
63	94.10	100.39	Open To Flow (2)
77	89.22	100.59	Shut-in(2)
78	1507.91	100.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

Choke (Inches)	Pressure (psia)	Gas Rate (Mcft/d)



DRILL STEM TEST REPORT

TOOL DIAGRAM

Werth Exploration Trust
 1308 Schwaller Ave.
 Hays, Kansas
 67601
 ATTN: Jason Alm

13/11S/20W Ellis Co.
Walz RMI#1
 Job Ticket: 17344 DST#: 2
 Test Start: 2012.05.16 @ 05:53:00

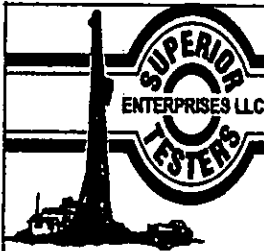
Tool Information

Drill Pipe:	Length: 3360.00 ft	Diameter: 3.80 inches	Volume: 47.13 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: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 26000.00 lb
			<u>Total Volume: 47.13 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3365.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	60.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments: Thank You for the work. Dylan

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3350.00	
Hydrolic Tool	5.00			3355.00	
Packer	5.00			3360.00	20.00 Bottom Of Top Packer
Packer	5.00			3365.00	
Anchor	35.00			3400.00	
Recorder	1.00	8419	Outside	3401.00	
Recorder	1.00	6666	Inside	3402.00	
Bull Plug	3.00			3405.00	40.00 Bottom Packers & Anchor

Total Tool Length: 60.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Werth Exploration Trust

13/11S/20W Ellis Co.

1308 Schwaller Ave.

Walz RMI#1

Hays, Kansas

Job Ticket: 17344

DST#: 2

67601

ATTN: Jason Alm

Test Start: 2012.05.16 @ 05:53:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APT

deg APT

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psla

Salinity: 20000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl

Total Length:

ft

Total Volume:

bbbl

Num Fluid Samples: 0

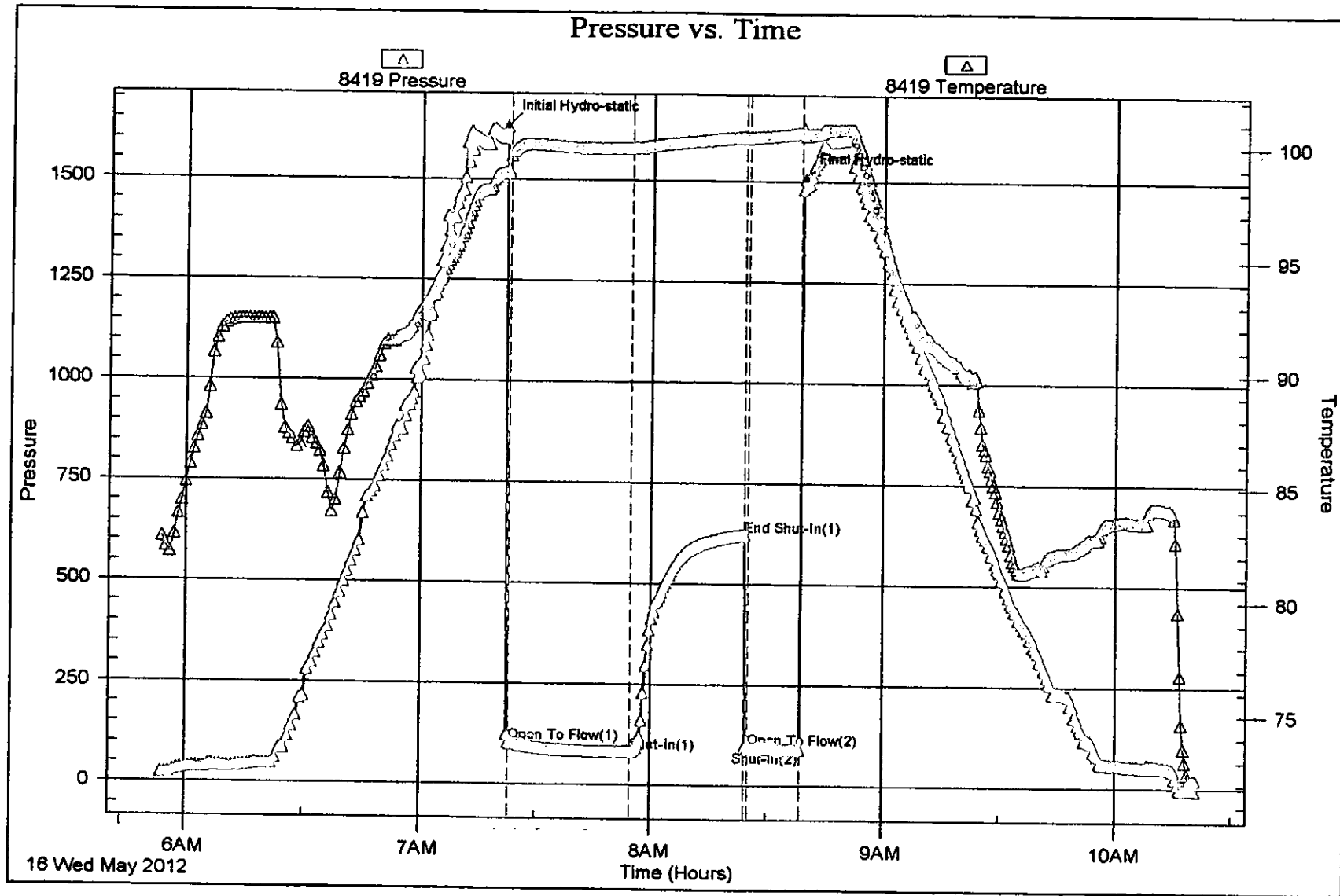
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



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P.O. Box 138, Great Bend, Kansas 67530

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Company WERTH Exploration Trust
 Address 1308 Schwaller Ave. Hays, Kansas 67601
 Lease & # Walz RMT #1 Sec. 13 Twp 11S Rng 20W
 Date 5-16-2012 County Ellis Elevation 1999 G.L. 2007 K.B.
 Drilling Contractor Discovery Drilling Rig #3
 Drill Pipe Length 33210 I.D. of Drill Pipe 3.80 Tool Joint Size 4 1/2 X H
 Drill Collar Length N/A I.D. of Drill Collars 2.25 Tool Joint Size 4 1/2 X H
 Mud Weight 87 Viscosity 50 Filtrate 7.6 Chlorides-Pits 800 DST 65,000
 Top Packer Depth 3312 Bottom Packer Depth 3317 Number of Packers 2
 Tested From 3317 to 3370 Total Depth 3370 Anchor Length 53'
 Test # 1 Formation Tested Lansing Kansas City "C-D" Zones Hole Size 7 7/8
 Initial Blow Weak Building Blow / Blow blew 6 inches into the bucket of water Blow back on the 1st Shut-in None
 Final Blow Very weak blow / Blow blew 1.50 inches into bucket of water Blow back on the 2nd Shut-in None
 Initial Hydrostatic 597 P.S.I. Final Hydrostatic 1583 P.S.I. Maximum Temp. — F

Initial Opening	<u>58</u> P.S.I. to <u>109</u> P.S.I.	from <u>4 : 50a</u> m to <u>5 : 25a</u> m	<u>45</u> minutes
Initial Shut-in	<u>670</u> P.S.I.	from <u>5 : 30a</u> m to <u>6 : 20a</u> m	<u>45</u> minutes
Final Opening	<u>83</u> P.S.I. to <u>95</u> P.S.I.	from <u>6 : 20a</u> m to <u>7 : 05a</u> m	<u>45</u> minutes
Final Shut-in	<u>623</u> P.S.I.	from <u>7 : 05a</u> m to <u>7 : 50a</u> m	<u>45</u> minutes

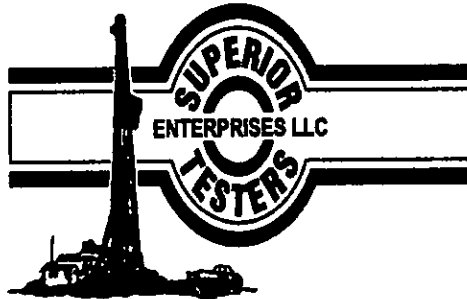
Feet	Recovery Description	% Gas	% Oil	% Mud	% Water
<u>40'</u>	<u>Light Oil cut mud</u>		<u>5</u>	<u>95</u>	
<u>45'</u>	<u>Water with a skin of Oil on top</u>		<u>skin</u>		<u>100</u>
	<u>X Chlorides were 65,000</u>				
	<u>X Resistivity was .12 @ 79 degrees</u>				

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Total Feet Recovered 85' Recovery Chlorides 65,000 Rw. .12 ohms @ 79° Degrees
 Gravity of oil N/A Corrected Gas to Surface in 0 minutes into the pipe
 Max. Gas Gauged None MCF/day See Gas Flow Report Was a gas sample taken None
 Comments Thank you for the work!

Extra Equipment-Jars None Safety Joint None Circulating Sub None Straddle None
 Electronic Recorder No. 8419 Depth 3366 Extra Packer (3rd) None Hook Wall None
 Bottom Recorder No. 6666 Depth 3367 Extra Packer (4th) None Sampler None
 Tool Operator Dylan E. Ellis Approved By N/A

Ticket No. 17343



DRILL STEM TEST REPORT

Prepared For: **Werth Exploration Trust**

1308 Schwaller Ave.
Hays, Kansas
67601

ATTN: Jason Alm

Walz RM#1

13/11S/20W Ellis Co.

Start Date: 2012.05.16 @ 03:02:00

End Date: 2012.05.16 @ 00:00:00

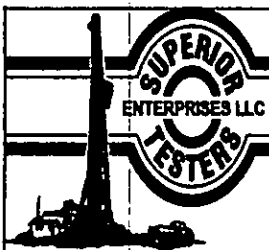
Job Ticket #: 17343 DST #: 1

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

Printed: 2012.05.16 @ 07:52:24

Werth Exploration Trust
13/11S/20W Ellis Co.
Walz RM#1
DST # 1
Lansing "C-D" Zone
2012.05.16



DRILL STEM TEST REPORT

TOOL DIAGRAM

Werth Exploration Trust

13/11S/20W Ellis Co.

1308 Schwaller Ave.
Hays, Kansas
67601

Walz RMI#1

Job Ticket: 17343

DST#: 1

ATTN: Jason Alm

Test Start: 2012.05.16 @ 03:02:00

Tool Information

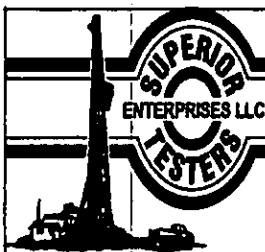
Drill Pipe:	Length: 3321.00 ft	Diameter: 3.80 inches	Volume: 46.58 bbl	Tool Weight: 2000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 2.25 inches	Volume: 0.00 bbl	Weight to Pull Loose: 48000.00 lb
			Total Volume: 46.58 bbl	Tool Chased 3.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 49000.00 lb
Depth to Top Packer:	3317.00 ft			Final 49000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	52.48 ft			
Tool Length:	72.48 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut-In Tool	5.00			3302.00	
Hydrolic Tool	5.00			3307.00	
Packer	5.00			3312.00	20.00 Bottom Of Top Packer
Packer	5.00			3317.00	
Anchor	5.00			3322.00	
Change Over Sub	0.75			3322.75	
Drill Pipe	31.98			3354.73	
Change Over Sub	0.75			3355.48	
Anchor	9.00			3364.48	
Recorder	1.00	8419	Inside	3365.48	
Recorder	1.00	6666	Outside	3366.48	
Bull Plug	3.00			3369.48	52.48 Bottom Packers & Anchor

Total Tool Length: 72.48



DRILL STEM TEST REPORT

FLUID SUMMARY

Werth Exploration Trust
 1308 Schwaller Ave.
 Hays, Kansas
 67601
 ATTN: Jason Alm

13/11S/20W Ellis Co.
 Walz RMI#1
 Job Ticket: 17343 DST#: 1
 Test Start: 2012.05.16 @ 03:02:00

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:	50.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	7.60 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 bbbl
40.00	Light Oil cut Mud	0.561
0.00	5% Oil 95% Mud	0.000
45.00	Water with a light trace of Oil	0.631
0.00	Oil-skin Water	0.000
0.00	Chlorides were 65,000	0.000
0.00	Resistivity was .12 @ 79 degrees	0.000

Total Length: 85.00 ft Total Volume: 1.192 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

