



KANSAS CORPORATION COMMISSION 1100821
OIL & GAS CONSERVATION DIVISION

Form ACO-1
June 2009
Form Must Be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 30259
Name: Werth, Andy dba Werth Exploration Trust
Address 1: 1308 SCHWALLER AVE
Address 2: _____
City: HAYS State: KS Zip: 67601 + 2242
Contact Person: Andy Werth
Phone: (785) 625-4968
CONTRACTOR: License # 34743
Name: White Knight Drilling LLC
Wellsite Geologist: Roger Moses
Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SLOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to ENHR Conv. to SWD

Conv. to GSW

Plug Back: _____ Plug Back Total Depth _____

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

ENHR Permit #: _____

GSW Permit #: _____

<u>10/29/2012</u>	<u>11/05/2012</u>	<u>12/06/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-065-23876-00-00

Spot Description: _____
SW NE NE NE Sec. 3 Twp. 7 S. R. 22 East West

360 Feet from North / South Line of Section

395 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Graham

Lease Name: Worcester Well #: 1-3

Field Name: _____

Producing Formation: Kansas City J

Elevation: Ground: 2235 Kelly Bushing: 2240

Total Depth: 3835 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: 214 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: 1717 Feet

If Alternate II completion, cement circulated from: 1717
feet depth to: 1717 w/ 475 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 18000 ppm Fluid volume: 450 bbls

Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: Deanna Gamson Date: 12/19/2012



1100821

Operator Name: Werth, Andy dba Werth Exploration Trust Lease Name: Worcester Well #: 1-3
 Sec. 3 Twp. 7 S. R. 22 East West County: Graham

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run: Radiation guard log micro resistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border: none;"> <tr> <td style="width:60%;">Name Attached</td> <td style="width:20%;">Top Attached</td> <td style="width:20%;">Datum Attached</td> </tr> </table>	Name Attached	Top Attached	Datum Attached
Name Attached	Top Attached	Datum Attached		

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
surface	12.25	8.625	23	214	COM	160	
production	7.875	5.5	15.5	3835	EA2	145	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First, Resumed Production, SWD or ENHR. 01/06/2013	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Werth, Andy dba Werth Exploration Trust
Well Name	Worcester 1-3
Doc ID	1100821

Tops

Anhydrite	1876	+364
Base Anhydrite	1910	+330
Topeka	3238	-998
Heebner	3439	-1199
Toronto	3463	-1223
Lansing	3480	-1240
Base Kansas City	3671	-1431
Conglomerate	3726	-1486
Arbuckle	3775	-1535

ALLIED CEMENTING CO., LLC. 034673

F [REDACTED]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

RUSSELL

DATE	SEC	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH	
10-29-12	3	7	22					
WORCESTER LEASE	WELL # 1-3		LOCATION Hill City - 4 ^E - 7 ^N - 1/4			COUNTY	STATE	
OLD OR NEW (Circle one)		SOUTH INTO					WAGON	KS

CONTRACTOR WHITE KNIGHT
 TYPE OF JOB SURFACE
 HOLE SIZE 12 1/4 T.D. 215
 CASING SIZE 8 5/8 DEPTH 215
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15 FT
 PERFS. _____
 DISPLACEMENT 12 1/4

OWNER _____
 CEMENT AMOUNT ORDERED 160^{SK} 3/4 2 1/2

EQUIPMENT
 PUMP TRUCK CEMENTER Bob S.
 # 467 HELPER Kevin
 BULK TRUCK
 # 473 DRIVER Tony
 BULK TRUCK
 # _____ DRIVER _____

COMMON	<u>160</u>	@	<u>17.9</u>	<u>2864.0</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>23.10</u>	<u>70.3</u>
CHLORIDE	<u>6</u>	@	<u>64.00</u>	<u>384.0</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>173.51</u>	@	<u>2.40</u>	<u>412.71</u>
MILEAGE	<u>537.88</u>	@	<u>2.6</u>	<u>1398.49</u>

REMARKS:

TOTAL 5196.97

SERVICE

DEPTH OF JOB 215
 PUMP TRUCK CHARGE 1512.25
 EXTRA FOOTAGE _____ @ _____
 MILEAGE 1000 @ 7.7 523.66
 MANIFOLD 608 @ 4.4 299.20

CHARGE TO: WERTH EXPLORATION
 STREET _____
 CITY _____ STATE _____ ZIP _____

TOTAL 2335.05

PLUG & FLOAT EQUIPMENT



ALLIED CEMENTING CO., LLC

Cementing & Acidizing Services

CEMENTING LOG

STAGE NO.

Date 10-29-12 District Russell Ticket No. 74673
 Company WORTH Rig _____
 Lease WARRICK Well No. 1-1
 County GRAHAM State KS
 Location Hill City Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 8 1/2 Type _____ Weight 3 Collar _____

Casing Depths: Top 0 Bottom 215

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ TD _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.037 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. 13.637 Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:

Spacer Type _____
 Amt. _____ Skts Yield _____ ft³/sk Density _____ PPG _____

LEAD Pump Time _____ hrs. Type _____
 Excess _____
 Amt. 160 Skts Yield 134 ft³/sk Density 15.2 PPG

TAIL Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skts Yield _____ ft³/sk Density _____ PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 407
 Bulk Equip. 477

Float Equip. Manufacturer _____

Shoe: Type _____ Depth _____

Float: Type _____ Depth _____

Centralizers: Quantity _____ Plugs Top _____ Blm. _____

Stage Collars _____

Special Equip. _____

Disp. Fluid Type _____ Amt. _____ Bbls Weight _____ PPG _____

Mud Type _____ Weight _____ PPG _____

COMPANY REPRESENTATIVE _____

CEMENTER Bob S.

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min	
						DR LOCATION
						R.O. IS DRILLING
						R.O. UP
						DRILL STOP
						RUN CASING
						CAPRIAT ON BOTTOM
						PUMP CNT 160 SK
						PUMP STOP
						SHOT IN CASING
						CEMENT IN CASING
						R.O. DOWN
						NO PING



CHARGE TO: *Worth Exploration*

ADDRESS:

CITY, STATE, ZIP CODE:

TICKET # 22933

PAGE 1 OF 2

SERVICE LOCATIONS: 1. *Hays, KS* 2. *Ness City, KS*

WELL/PROJECT NO: *1-3* LEASE: *Worth Exploration* COUNTY/PARISH: *Geary* STATE: *KS* CITY: DATE: *11-5-12* OWNER:

TICKET TYPE: SERVICE SALES CONTRACTOR: *Worth Exploration* RIG NAME/NO: *#1* SHIPPED VIA: *TR* DELIVERED TO: *NE/ML/GE, KS* ORDER NO:

WELL TYPE: *Oil* WELL CATEGORY: *Oilfield* JOB PURPOSE: *Amount Long-term* WELL PERMIT NO.: WELL LOCATION:

REFERRAL LOCATION: INVOICE INSTRUCTIONS:

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF							
575		1			MILEAGE #113	72				1.25	90.00
578		1			Pump Motor - cust - long-term	1				15200.00	15200.00
321		1			Liquid Mill	2				25.00	50.00
390		1			Flackshot 21	52				4.62	240.24
396		1			Dr Air	2				35.00	70.00
413		1			Centralizer	9			5/8 in	46.67	420.03
414		1			Inst. Packet	2			5/8 in	25.00	50.00
414		1			Ball Collar	1			5/8 in	200.00	200.00
416		1			Latch Wire Ring/Baffle	1			5/8 in	25.00	25.00
417		1			Truss Chd Tool Kit/Wire	1			5/8 in	350.00	350.00
417		1			Relining Head Eductor	1			5/8 in	30.00	30.00

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, **PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY** provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS

X
DATE SIGNED: *11-5-12* TIME SIGNED: *12:00* AM PM

REMIT PAYMENT TO:
SWIFT SERVICES, INC.
P.O. BOX 466
NESS CITY, KS 67560
785-798-2300

SURVEY	AGREE	UN-DECIDED	DIS-AGREE	PAGE TOTAL	AMOUNT
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?				1.1	7195.00
WE UNDERSTOOD AND MET YOUR NEEDS?				1.2	4552.63
OUR SERVICE WAS PERFORMED WITHOUT DELAY?					11747.63
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?					
ARE YOU SATISFIED WITH OUR SERVICE?	<input type="checkbox"/> YES <input type="checkbox"/> NO			TAX	
<input type="checkbox"/> CUSTOMER DID NOT WISH TO RESPOND				TOTAL	

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR: *[Signature]*

APPROVAL: _____

Thank You!



PO Box 466
Ness City, KS 67560
Of: 785-798-2300

TICKET CONTINUATION

TICKET No. 785

CUSTOMER: *Well Exploration* WELL: *153* DATE: *11-2-11* PAGE: *3* OF: *3*

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			TIME	DESCRIPTION	QTY.		U/M		UNIT PRICE	AMOUNT
		LOC	ACCT	DF								
<i>25</i>						<i>Standard Cement</i>	<i>275</i>		<i>15.45</i>			<i>4228.75</i>
<i>26</i>						<i>Grout</i>	<i>280</i>		<i>7.14</i>			<i>1999.20</i>
<i>27</i>						<i>Oil</i>	<i>275</i>		<i>6.22</i>			<i>1710.50</i>
<i>28</i>						<i>Grout</i>	<i>275</i>		<i>7.14</i>			<i>1963.50</i>
<i>29</i>						<i>Standard</i>	<i>275</i>		<i>7.93</i>			<i>2182.75</i>
<i>30</i>												
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CONTINUATION TOTAL *8531.65*

JOB LOG

SWIFT Services, Inc.

DATE 1-5-12 PAGE NO. 1

CUSTOMER North Production WELL NO. 1-3 LEASE Whitehurst JOB TYPE Normal Logging TICKET NO. 77953

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							FD-330 Run for - No LD DC Start 5' 15.5" / 10' / 15' / 20'
								Inject Head 2nd / 10' / 15'
								LD 10' / 15' - 20' * 2007 = 90.6
								Cont 1-3 4-6 8-11 14-17-49
								Loghole 15 / 50 20' @ 1770 * 50' / 100'
								Run fill up well 5' / 10'
	1440							Top / Fin 1000 - 2' / 10'
	1455							Run / 10' / 15' / 20'
	1510							Fin 10'
			7					Run FH-300K out
		6					300	Run 10' @ 100' / 15' / 20'
		5					250	Run 30' / 40' / 50' / 60'
		6					300	Run 10' @ 100' / 15' / 20'
		4					300	Start 1' / 5' @ 100' / 15' / 20'
			35				130 / 100	Fin 10'
								Wash out Pump / 10' / 15'
								Run 10' / 15' / 20'
		9					250	Start 10' / 15'
		9	67				250	Run 10' / 15'
			75				250	Start 10'
		7	85				250	Start 10'
		6 / 54	70				150	Start 10'
	1545		20 1/2				70 / 100	Run down - (10' / 15' / 20' / 30' / 40' / 50' / 60' / 70' / 80' / 90' / 100')
	1600						0	Top 10' / 15' / 20'
								Wash up / 10' / 15' / 20'
	1615							Run 10' / 15' / 20'



FIELD ORDER N° C 39192

BOX 438 • HAYSVILLE, KANSAS 67060
316-524-1225

DATE 11/9/16 20

IS AUTHORIZED BY: W. W. In Exploration NAME OF CUSTOMER

Address _____ City _____ State _____

To Treat Well As Follows: Lease W. W. In Well No. 1-3 Customer Order No. _____

Sec. Twp. Range _____ County Graham State Ks

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid Service is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on, as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.
The undersigned represents himself to be duly authorized to sign this order for well owner or operator

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED _____ By _____ Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
	60	release pump truck	4.00 ^{00/}	240.00 ^{00/}
	60	release pickup	2.00 ^{00/}	120.00 ^{00/}
	1	Pump Chaise (Part-coller)		950.00 ^{00/}
	475	6 1/2% pot. 2% sol.	9.25 ^{00/}	3,931.25 ^{00/}
	15	4% acid. sol.	22.00 ^{00/}	330.00 ^{00/}
	440	Bulk Charge	1.25 ^{00/}	550.00 ^{00/}
		Bulk Truck Miles 19.457 x 60m = 1,167.42 x 1.00 ^{00/}	1.00 ^{00/}	1,243.75 ^{00/}
		Process License Fee on _____ Gallons		
		TOTAL BILLING		7,404.95^{00/}

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

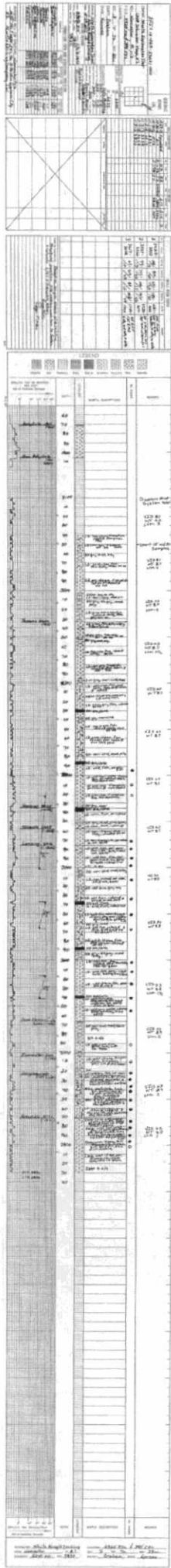
Copeland Representative Nicholas L.

Station G B

John B
Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS





DRILL STEM TEST REPORT

Prepared For: **Werth Exploration Trust**

1308 Schwaller Avenue
Hays, Kansas 67601+2242

ATTN: Roger Moses

Worcester #1-3

3/7S/22W/Graham

Start Date: 2012.11.02 @ 20:23:00

End Date: 2012.11.03 @ 03:24:30

Job Ticket #: 16908 DST #: 1

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

Printed: 2012.11.03 @ 03:52:15

Werth Exploration Trust

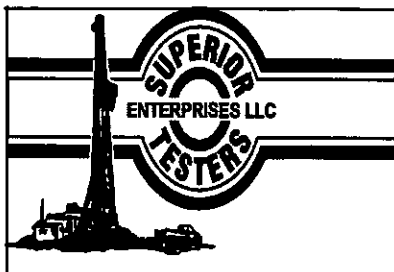
3/7S/22W/Graham

Worcester #1-3

DST # 1

Toronto-Lansing/KC z

2012.11.02



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

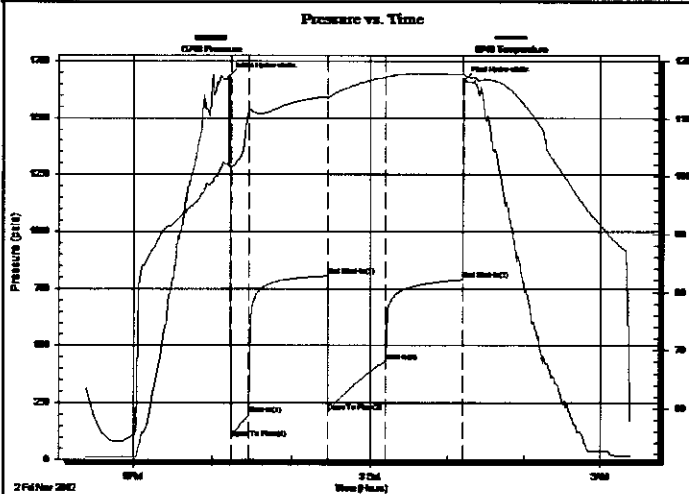
3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16908 **DST#: 1**
 Test Start: 2012.11.02 @ 20:23:00

GENERAL INFORMATION:

Formation: **Toronto-Lansing/KC z**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:13:30
 Time Test Ended: 03:24:30
 Interval: **3422.00 ft (KB) To 3512.00 ft (KB) (TVD)**
 Total Depth: 3512.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/128
 Reference Elevations: 2236.00 ft (KB)
 2231.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6749 **Inside**
 Press@RunDepth: 431.55 psia @ 3507.59 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.11.02 End Date: 2012.11.03 Last Calib.: 2012.11.03
 Start Time: 20:23:00 End Time: 03:24:30 Time On Btm: 2012.11.02 @ 22:12:30
 Time Off Btm: 2012.11.03 @ 01:13:30

TEST COMMENT: 1ST Open 15 Minutes/Good blow/Blow built to bottom of bucket in 4 minutes 20 seconds
 1ST Shut In 60 Minutes/No blow back
 2ND Open 45 Minutes/Good blow/Blow built to bottom of bucket in 5 minutes 30 seconds
 2ND Shut In 60 Minutes/No blow back



PRESSURE SUMMARY

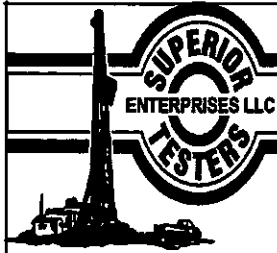
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1681.28	102.08	Initial Hydro-static
1	96.91	101.72	Open To Flow (1)
15	198.31	111.33	Shut-In(1)
75	805.78	113.79	End Shut-In(1)
75	211.61	113.64	Open To Flow (2)
120	431.55	117.19	Shut-In(2)
180	789.28	117.63	End Shut-In(2)
181	1666.19	117.55	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	3.37
600.00	Slightly gassy Muddy Water	8.42
0.00	Gas 2% Mud 10% Water 88%	0.00
0.00	Recovery Chlorides 25,000 ppm	0.00
0.00	Recov. Resist. .35 ohms @ 60 deg.	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

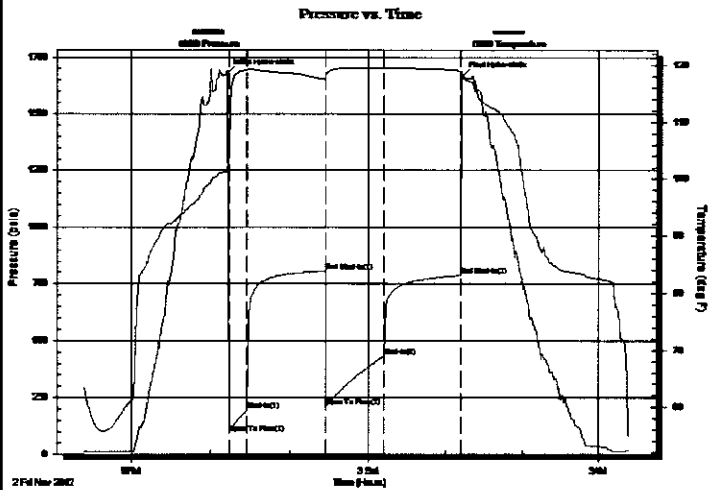
3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16908 **DST#: 1**
 Test Start: 2012.11.02 @ 20:23:00

GENERAL INFORMATION:

Formation: **Toronto-Lansing/KC z**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:13:30
 Time Test Ended: 03:24:30
 Interval: **3422.00 ft (KB) To 3512.00 ft (KB) (TVD)**
 Total Depth: 3512.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/128
 Reference Elevations: 2236.00 ft (KB)
 2231.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6999 **Outside**
 Press@RunDepth: 788.97 psia @ 3508.59 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.11.02 End Date: 2012.11.03 Last Calib.: 2012.11.03
 Start Time: 20:23:00 End Time: 03:25:00 Time On Btm: 2012.11.02 @ 22:12:30
 Time Off Btm: 2012.11.03 @ 01:13:30

TEST COMMENT: 1ST Open 15 Minutes/Good blow /Blow built to bottom of bucket in 4 minutes 20 seconds
 1ST Shut In 60 Minutes/No blow back
 2ND Open 45 Minutes/Good blow /Blow built to bottom of bucket in 5 minutes 30 seconds
 2ND Shut In 60 Minutes/No blow back



PRESSURE SUMMARY

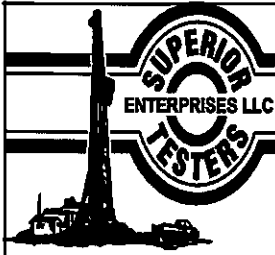
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1681.71	101.29	Initial Hydro-static
1	96.45	104.79	Open To Flow (1)
15	198.13	119.20	Shut-In(1)
75	805.79	117.54	End Shut-In(1)
75	211.80	117.91	Open To Flow (2)
120	431.18	119.43	Shut-In(2)
180	788.97	119.00	End Shut-In(2)
181	1666.54	117.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
240.00	Mud 100%	3.37
600.00	Slightly gassy Muddy Water	8.42
0.00	Gas 2% Mud 10% Water 88%	0.00
0.00	Recovery Chlorides 25,000 ppm	0.00
0.00	Recov. Resist. .35 ohms @ 60 deg.	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16908 **DST#: 1**
 Test Start: 2012.11.02 @ 20:23:00

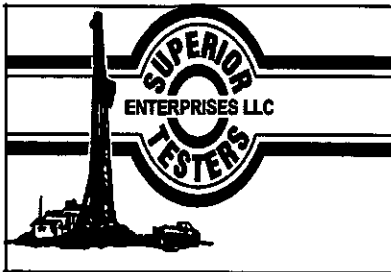
Tool Information

Drill Pipe:	Length: 3415.00 ft	Diameter: 3.80 inches	Volume: 47.90 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: 2000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 32000.00 lb
			<u>Total Volume: 47.90 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 27000.00 lb
Depth to Top Packer:	3422.00 ft			Final 30000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	89.59 ft			
Tool Length:	116.59 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			3400.00	
Hydraulic Tool	5.00			3405.00	
Jars	5.00			3410.00	
Safety Joint	2.00			3412.00	
Packer	5.00			3417.00	27.00 Bottom Of Top Packer
Packer	5.00			3422.00	
Perforations	5.00			3427.00	
Change Over Sub	0.75			3427.75	
Drill Pipe	63.09			3490.84	
Change Over Sub	0.75			3491.59	
Anchor	15.00			3506.59	
Recorder	1.00	6749	Inside	3507.59	
Recorder	1.00	6999	Outside	3508.59	
Bullnose	3.00			3511.59	89.59 Bottom Packers & Anchor

Total Tool Length: 116.59



DRILL STEM TEST REPORT

FLUID SUMMARY

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16908 **DST#: 1**
 Test Start: 2012.11.02 @ 20:23:00

Mud and Cushion Information

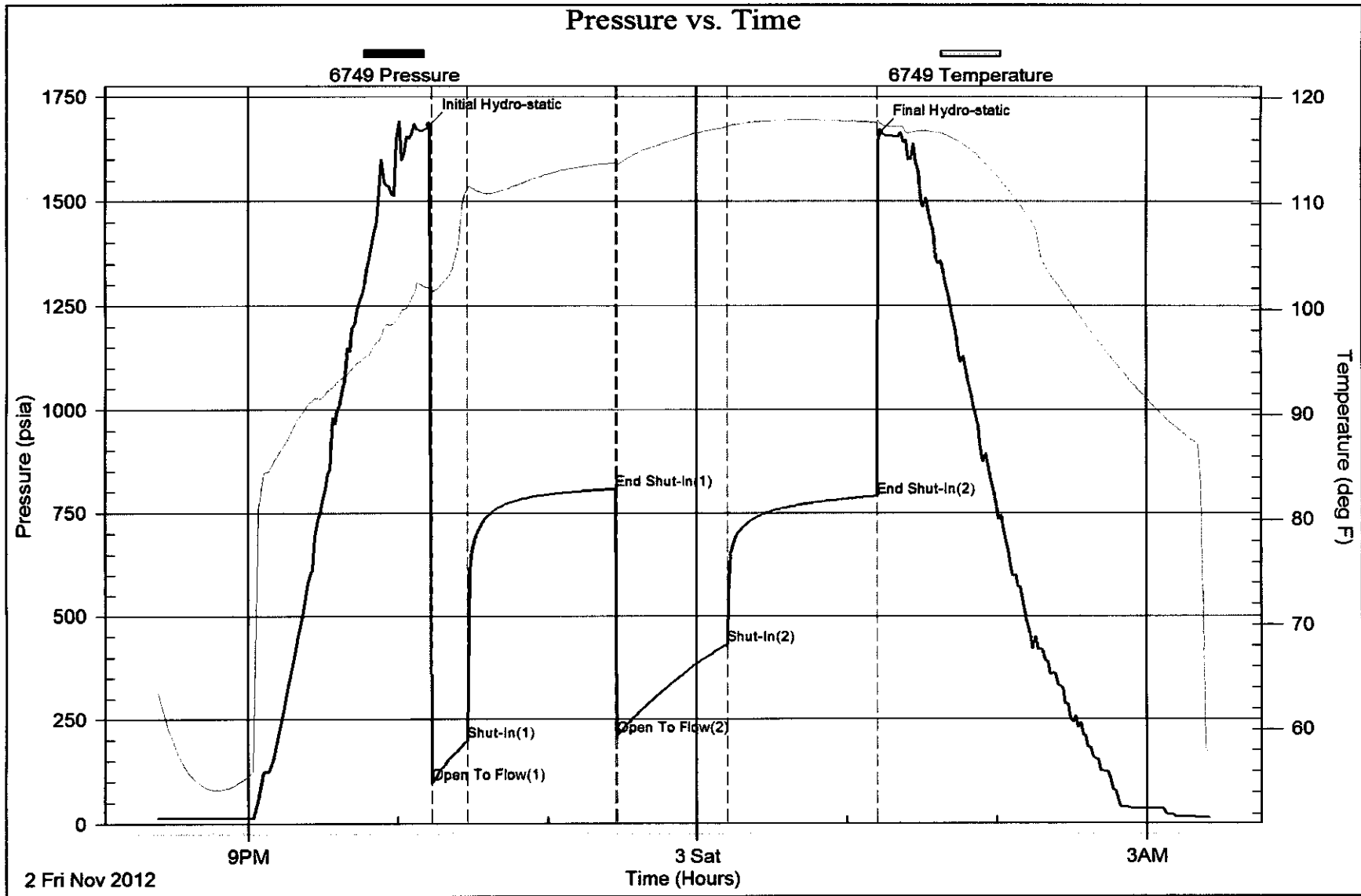
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 64.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

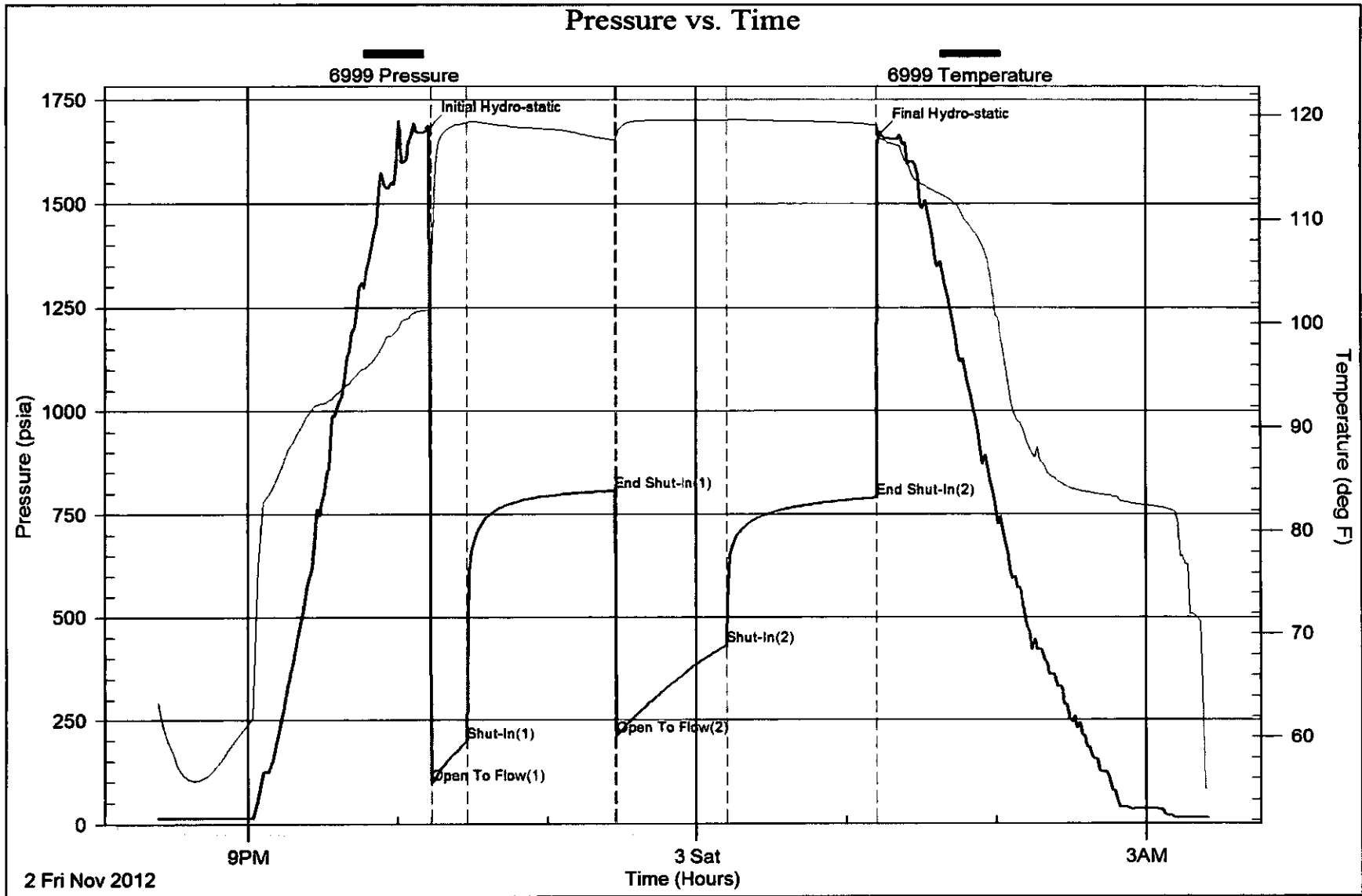
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	Mud 100%	3.367
600.00	Slightly gassy Muddy Water	8.416
0.00	Gas 2% Mud 10% Water 88%	0.000
0.00	Recovery Chlorides 25,000 ppm	0.000
0.00	Recov. Resist. .35 ohms @ 60 deg.	0.000

Total Length: 840.00 ft Total Volume: 11.783 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Werth Exploration Trust**

1308 Schwaller Avenue
Hays, Kansas 67601+2242

ATTN: Roger Moses

Worcester #1-3

3/7S/22W/Graham

Start Date: 2012.11.03 @ 12:06:00

End Date: 2012.11.03 @ 17:27:00

Job Ticket #: 16909 DST #: 2

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

Printed: 2012.11.03 @ 17:48:23

Werth Exploration Trust

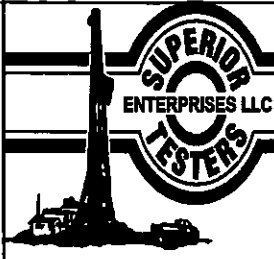
3/7S/22W/Graham

Worcester #1-3

DST # 2

Lansing/Kansas City

2012.11.03



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16909 **DST#: 2**
 Test Start: 2012.11.03 @ 12:06:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:29:30
 Time Test Ended: 17:27:00

Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/128

Interval: **3537.00 ft (KB) To 3538.00 ft (KB) (TVD)**
 Total Depth: 3538.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair

Reference Elevations: 2236.00 ft (KB)
 2231.00 ft (CF)
 KB to GR/CF: 5.00 ft

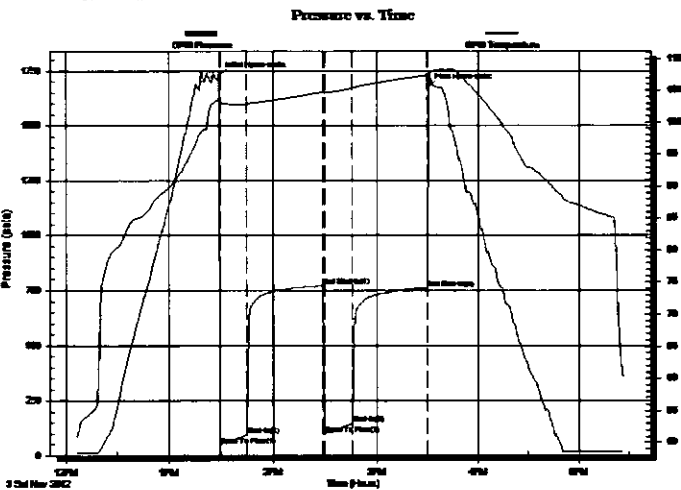
Serial #: 6749

Inside

Press@RunDepth: 146.03 psia @ 3564.00 ft (KB)
 Start Date: 2012.11.03
 Start Time: 12:06:00

Capacity: 5000.00 psia
 Last Calib.: 2012.11.03
 Time On Btm: 2012.11.03 @ 13:29:00
 Time Off Btm: 2012.11.03 @ 15:30:30

TEST COMMENT: 1ST Open 15 Minutes/Good blow /Blow built to bottom of bucket in 14 minutes
 1ST Shut in 45 Minutes/No blow back
 2ND Open 17 Minutes/Good blow /Blow built to bottom of bucket in 16 minutes 30 seconds
 2ND Shut in 45 Minutes/No blow back



PRESSURE SUMMARY

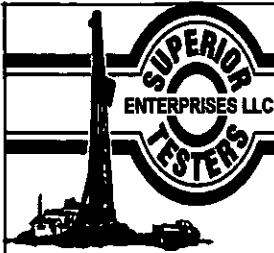
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1725.54	103.41	Initial Hydro-static
1	47.55	103.04	Open To Flow (1)
16	94.19	102.79	Shut-in(1)
60	771.32	104.74	End Shut-in(1)
61	101.05	104.63	Open To Flow (2)
77	146.03	105.31	Shut-in(2)
121	760.66	107.39	End Shut-in(2)
122	1675.59	107.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Watery Mud with skim of oil in sample	0.56
0.00	Water 30% Mud 70%	0.00
180.00	Muddy Water w /light skim of oil	2.52
0.00	Mud 20% Water 80%	0.00
0.00	Recovery Chlorides 57000 ppm	0.00
0.00	Recov Resist. .12 ohms @ 68 Deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

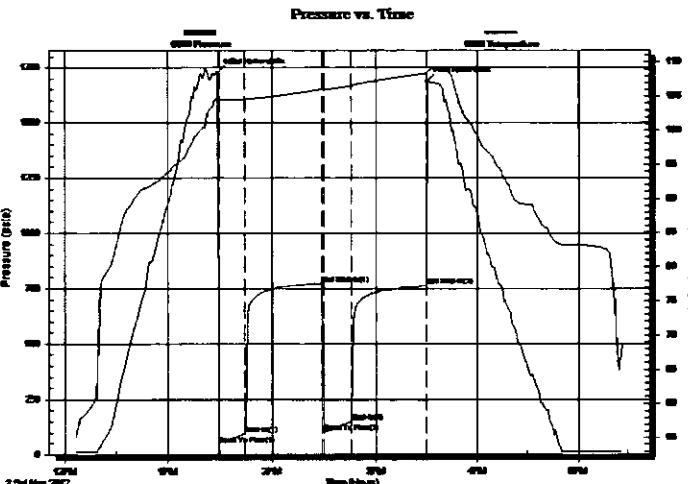
3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16909 **DST#: 2**
 Test Start: 2012.11.03 @ 12:06:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:29:30
 Time Test Ended: 17:27:00
 Interval: **3537.00 ft (KB) To 3538.00 ft (KB) (TVD)**
 Total Depth: 3538.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/128
 Reference Elevations: 2236.00 ft (KB)
 2231.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6999 **Outside**
 Press@RunDepth: 762.34 psia @ 3565.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.11.03 End Date: 2012.11.03 Last Calib.: 2012.11.03
 Start Time: 12:06:00 End Time: 17:27:00 Time On Btm: 2012.11.03 @ 13:28:30
 Time Off Btm: 2012.11.03 @ 15:30:30

TEST COMMENT: 1ST Open 15 Minutes/Good blow /Blow built to bottom of bucket in 14 minutes
 1ST Shut In 45 Minutes/No blow back
 2ND Open 17 Minutes/Good blow /Blow built to bottom of bucket in 16 minutes 30 seconds
 2ND Shut In 45 Minutes/No blow back



PRESSURE SUMMARY

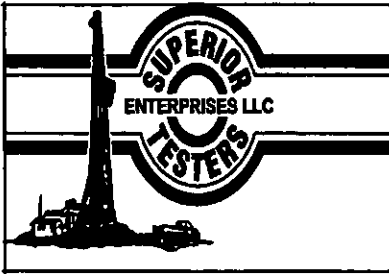
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1728.28	104.85	Initial Hydro-static
1	48.49	104.58	Open To Flow (1)
16	94.74	104.45	Shut-in(1)
60	773.13	106.00	End Shut-in(1)
61	101.31	105.92	Open To Flow (2)
77	148.95	106.51	Shut-in(2)
122	762.34	108.36	End Shut-in(2)
122	1690.01	108.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	Watery Mud with skim of oil in sample	0.56
0.00	Water 30% Mud 70%	0.00
180.00	Muddy Water w/light skim of oil	2.52
0.00	Mud 20% Water 80%	0.00
0.00	Recovery Chlorides 57000 ppm	0.00
0.00	Recov Resist. .12 ohms @ 68 Deg	0.00

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

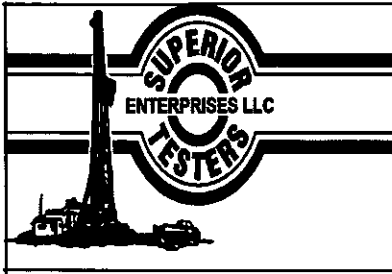
3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16909 **DST#: 2**
 Test Start: 2012.11.03 @ 12:06:00

Tool Information

Drill Pipe:	Length: 3514.00 ft	Diameter: 3.80 inches	Volume: 49.29 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: 42000.00 lb
			<u>Total Volume: 49.29 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	4.00 ft			String Weight: Initial 29000.00 lb
Depth to Top Packer:	3537.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	31.00 ft			
Tool Length:	58.00 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			3515.00	
Hydraulic Tool	5.00			3520.00	
Jars	5.00			3525.00	
Safety Joint	2.00			3527.00	
Packer	5.00			3532.00	27.00 Bottom Of Top Packer
Packer	5.00			3537.00	
Anchor	26.00			3563.00	
Recorder	1.00	6749	Inside	3564.00	
Recorder	1.00	6999	Outside	3565.00	
Bullnose	3.00			3568.00	31.00 Bottom Packers & Anchor
Total Tool Length:	58.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16909 **DST#: 2**
 Test Start: 2012.11.03 @ 12:06:00

Mud and Cushion Information

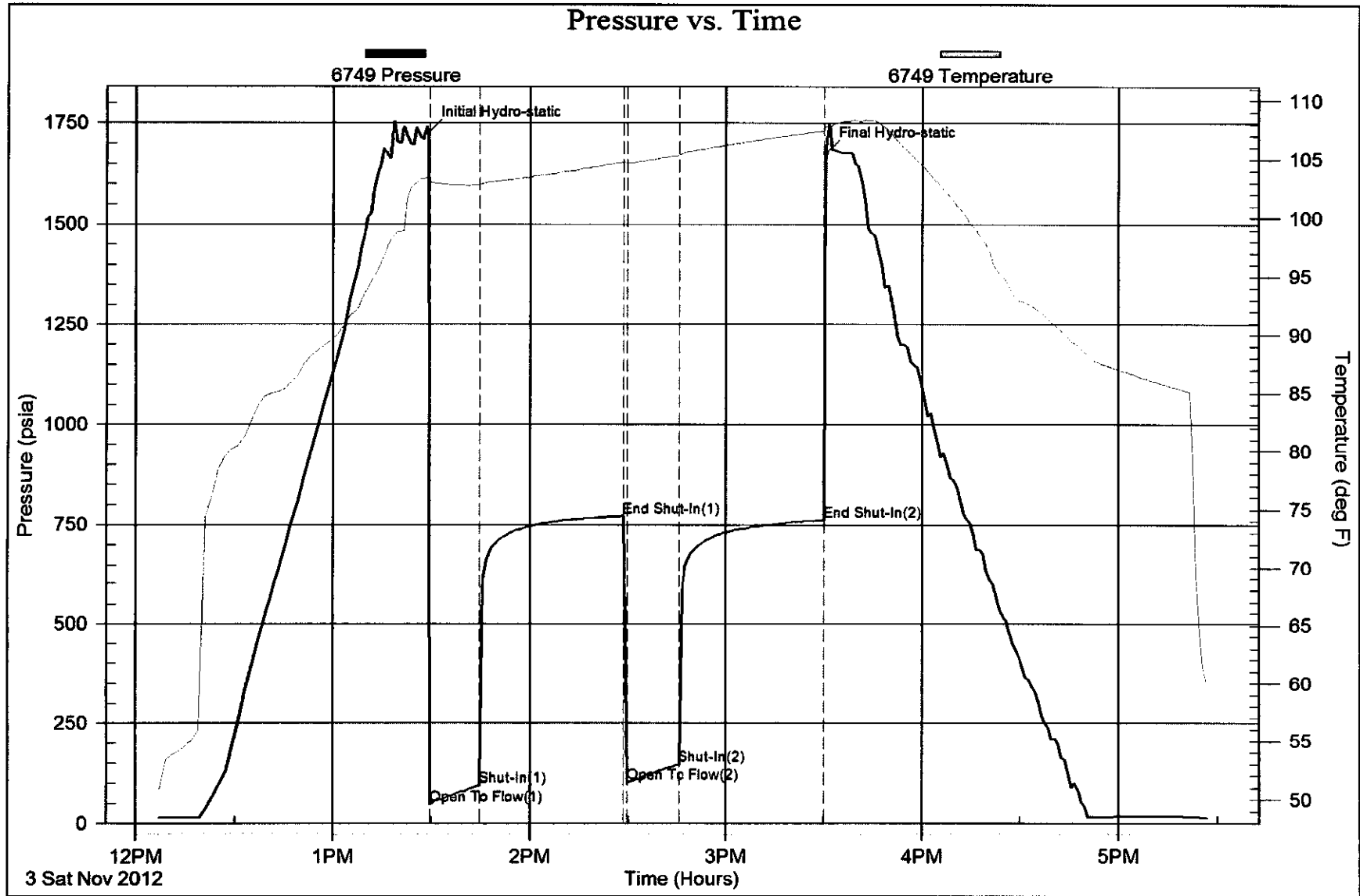
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length:	Water Salinity:	ppm
Viscosity: 52.00 sec/qt	Cushion Volume:		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure:		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

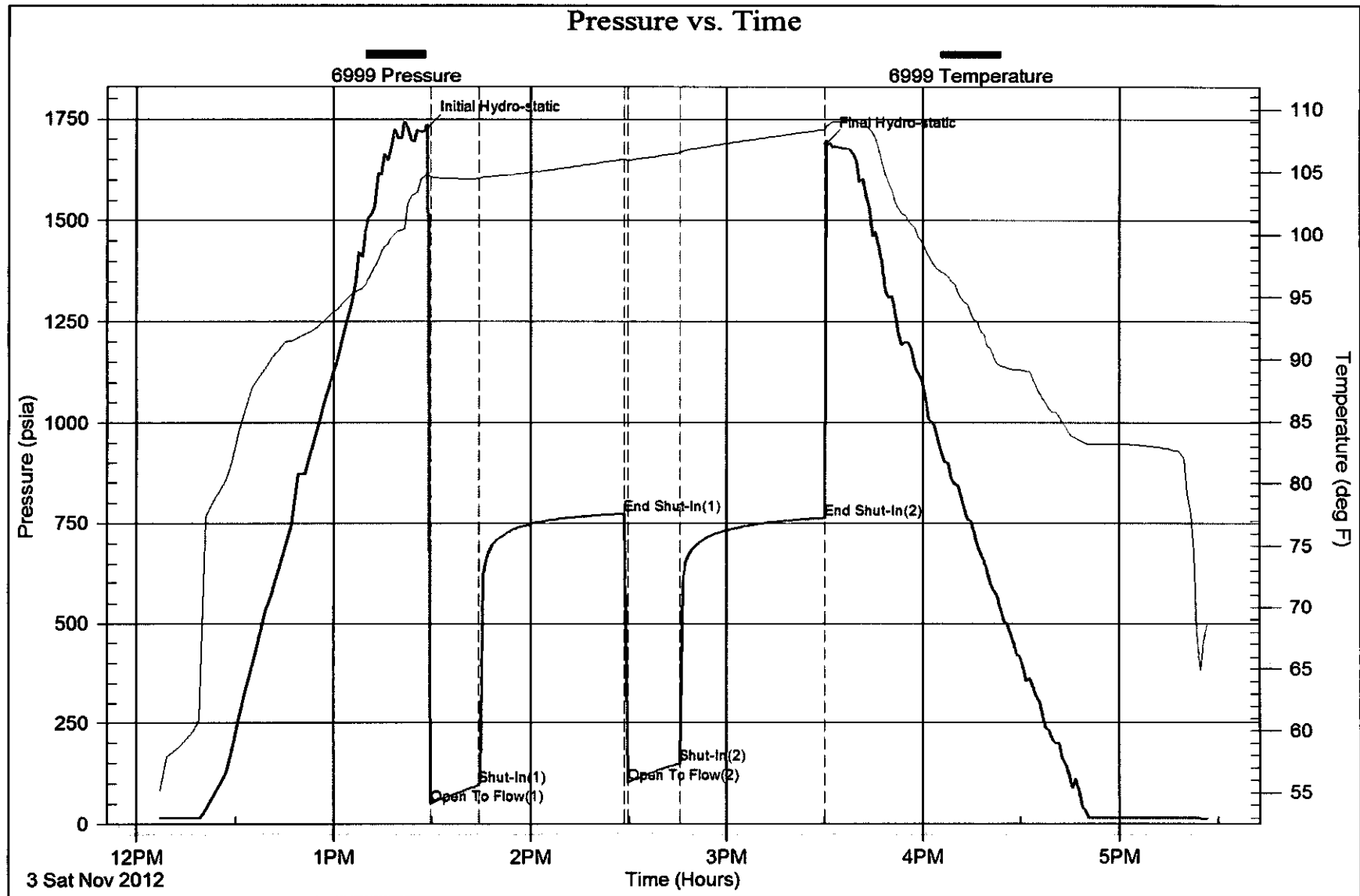
Recovery Information

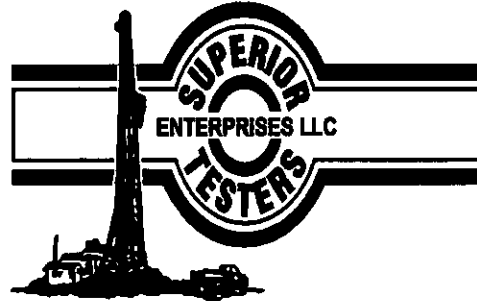
Recovery Table

Length ft	Description	Volume bbl
40.00	Watery Mud with skim of oil in sample	0.561
0.00	Water 30% Mud 70%	0.000
180.00	Muddy Water w/light skim of oil	2.525
0.00	Mud 20% Water 80%	0.000
0.00	Recovery Chlorides 57000 ppm	0.000
0.00	Recov Resist. .12 ohms @ 68 Deg	0.000

Total Length: 220.00 ft Total Volume: 3.086 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:







DRILL STEM TEST REPORT

Prepared For: **Werth Exploration Trust**

1308 Schwaller Avenue
Hays, Kansas 67601+2242

ATTN: Roger Moses

Worcester #1-3

3/7S/22W/Graham

Start Date: 2012.11.04 @ 02:30:00

End Date: 2012.11.04 @ 08:14:00

Job Ticket #: 16910 DST #: 3

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

Printed: 2012.11.04 @ 08:27:30

Werth Exploration Trust

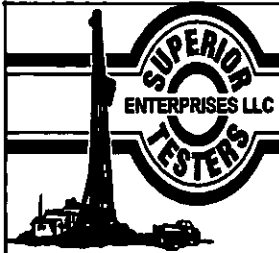
3/7S/22W/Graham

Worcester #1-3

DST # 3

Lansing/Kansas City

2012.11.04



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

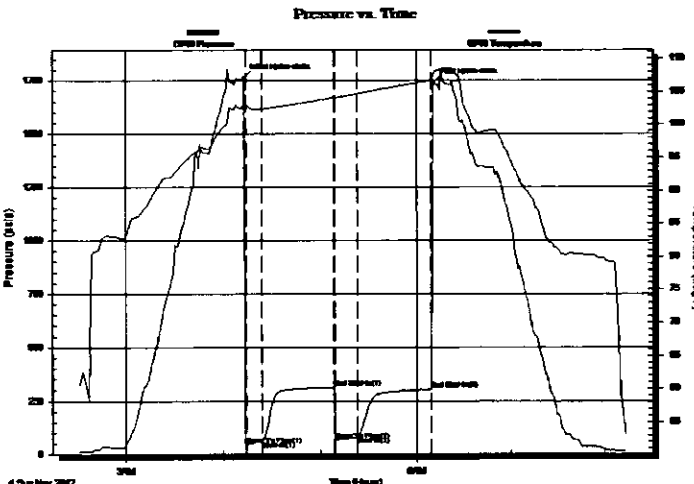
3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16910 **DST#: 3**
 Test Start: 2012.11.04 @ 02:30:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:13:30
 Time Test Ended: 08:14:00
 Interval: **3617.00 ft (KB) To 3642.00 ft (KB) (TVD)**
 Total Depth: 3642.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/128
 Reference Elevations: 2236.00 ft (KB)
 2231.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6749 **Inside**
 Press@RunDepth: 82.98 psia @ 3638.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.11.04 End Date: 2012.11.04 Last Calib.: 2012.11.04
 Start Time: 02:30:00 End Time: 08:14:00 Time On Btm: 2012.11.04 @ 04:12:30
 Time Off Btm: 2012.11.04 @ 06:11:00

TEST COMMENT: 1ST Open 10 Minutes/Good blow/Blow built to 8 inches
 1ST Shut In 45 Minutes/Surface blow back
 2ND Open 15 Minutes/Good blow/Blow built to bottom of bucket in 12 minutes
 2ND Shut In 45 Minutes/Blow back built to 1/2 inch



PRESSURE SUMMARY

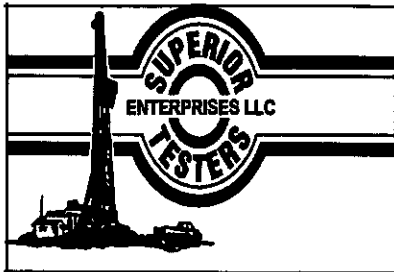
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1763.68	103.23	Initial Hydro-static
1	43.08	102.77	Open To Flow (1)
11	62.89	102.41	Shut-In(1)
56	312.96	104.11	End Shut-In(1)
57	66.38	104.10	Open To Flow (2)
71	82.98	104.69	Shut-In(2)
117	301.99	106.75	End Shut-In(2)
119	1743.76	108.05	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	60 feet of gas in pipe	0.00
120.00	Gas cut Muddy Oil	1.68
0.00	Gas 10% Mud 30% Oil 60%	0.00

Gas Rates

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



DRILL STEM TEST REPORT

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

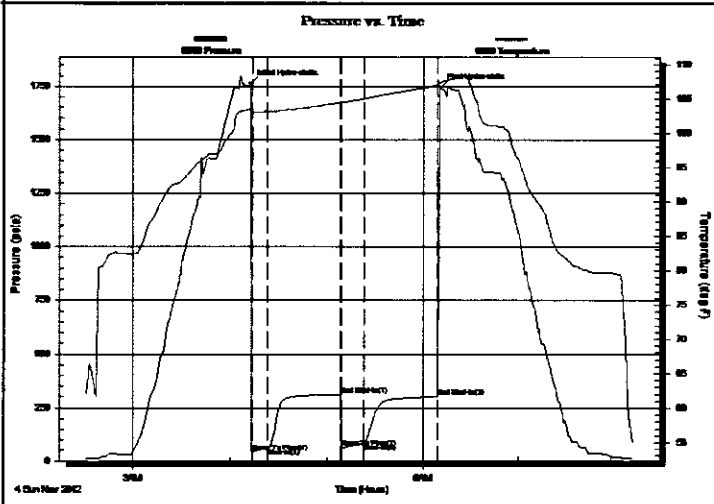
3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16910 **DST#: 3**
 Test Start: 2012.11.04 @ 02:30:00

GENERAL INFORMATION:

Formation: **Lansing/Kansas City**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:13:30
 Time Test Ended: 08:14:00
 Interval: **3617.00 ft (KB) To 3642.00 ft (KB) (TVD)**
 Total Depth: 3642.00 ft (KB) (TVD)
 Hole Diameter: 7.80 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Ken Swinney
 Unit No: 3325 Hays/128
 Reference Elevations: 2236.00 ft (KB)
 2231.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6999 **Outside**
 Press@RunDepth: 301.78 psia @ 3639.00 ft (KB) Capacity: 5000.00 psia
 Start Date: 2012.11.04 End Date: 2012.11.04 Last Calib.: 2012.11.04
 Start Time: 02:30:00 End Time: 08:14:00 Time On Btm: 2012.11.04 @ 04:12:30
 Time Off Btm: 2012.11.04 @ 06:11:00

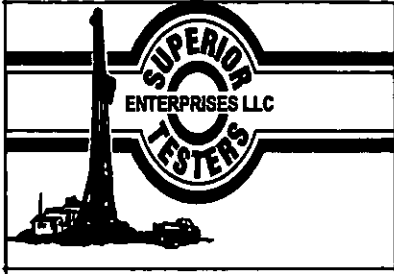
TEST COMMENT: 1ST Open 10 Minutes/Good blow/Blow built to 8 inches
 1ST Shut In 45 Minutes/Surface blow back
 2ND Open 15 Minutes/Good blow/Blow built to bottom of bucket in 12 minutes
 2ND Shut In 45 Minutes/Blow back built to 1/2 inch



PRESSURE SUMMARY			
Time (Min.)	Pressure (psia)	Temp (deg F)	Annotation
0	1763.63	103.42	Initial Hydro-static
1	43.54	102.72	Open To Flow (1)
11	62.22	103.12	Shut-in(1)
56	312.75	104.49	End Shut-in(1)
57	66.20	104.49	Open To Flow (2)
71	83.07	105.03	Shut-in(2)
117	301.78	106.94	End Shut-in(2)
119	1746.02	107.38	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
0.00	60 feet of gas in pipe	0.00
120.00	Gas cut Muddy Oil	1.68
0.00	Gas 10% Mud 30% Oil 60%	0.00

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

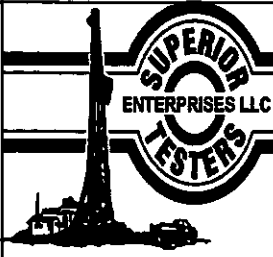
Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16910 **DST#: 3**
 Test Start: 2012.11.04 @ 02:30:00

Tool Information

Drill Pipe:	Length: 3602.00 ft	Diameter: 3.80 inches	Volume: 50.53 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: 42000.00 lb
			<u>Total Volume: 50.53 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	12.00 ft			String Weight: Initial 27000.00 lb
Depth to Top Packer:	3617.00 ft			Final 28000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	25.00 ft			
Tool Length:	52.00 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			3595.00	
Hydraulic Tool	5.00			3600.00	
Jars	5.00			3605.00	
Safety Joint	2.00			3607.00	
Packer	5.00			3612.00	27.00 Bottom Of Top Packer
Packer	5.00			3617.00	
Anchor	20.00			3637.00	
Recorder	1.00	6749	Inside	3638.00	
Recorder	1.00	6999	Outside	3639.00	
Bullnose	3.00			3642.00	25.00 Bottom Packers & Anchor
Total Tool Length:	52.00				



DRILL STEM TEST REPORT

FLUID SUMMARY

Werth Exploration Trust
 1308 Schwaller Avenue
 Hays, Kansas 67601+2242
 ATTN: Roger Moses

3/7S/22W/Graham
Worcester #1-3
 Job Ticket: 16910 **DST#: 3**
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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: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psia		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
0.00	60 feet of gas in pipe	0.000
120.00	Gas cut Muddy Oil	1.683
0.00	Gas 10% Mud 30% Oil 60%	0.000

Total Length: 120.00 ft Total Volume: 1.683 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:

