



KANSAS CORPORATION COMMISSION 1094621  
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 # 31548

Name: Discovery Drilling

Wellsite Geologist: Ed Glassman

Purchaser: none

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SIOW
- 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 #:

09/06/2012    09/11/2012    09/11/2012

Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date    Recompletion Date

API No. 15 - 15-051-26375-00-00

Spot Description:

NE SE NW SW Sec. 18 Twp. 14 S. R. 18  East  West

1830 Feet from  North /  South Line of Section

1160 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County: Ellis

Lease Name: E.F. Madden    Well #: 52

Field Name: Experiment Southwest

Producing Formation: Arbuckle

Elevation: Ground: 2128    Kelly Bushing: 2133

Total Depth: 3833    Plug Back Total Depth:

Amount of Surface Pipe Set and Cemented at: 220 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set:    Feet

If Alternate II completion, cement circulated from:

feet depth to:    w/    sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)

Chloride content: 3000 ppm    Fluid volume: 800 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 Gerrick* Date: 10/09/2012



1094621

Operator Name: Werth, Andy dba Werth Exploration Trust Lease Name: E.F. Madden Well #: 52  
Sec. 18 Twp. 14 S. R. 18 East  West  County: Ellis

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  Yes  No  Log Formation (Top), Depth and Datum  Sample  
(Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No Name Top Datum  
Cores Taken  Yes  No Stone Corral 1380 755  
Electric Log Run  Yes  No Topeka 3130 -997  
Electric Log Submitted Electronically  Yes  No Heebner 3398 -1265  
(If no, Submit Copy) Lansing 3446 -1313  
List All E. Logs Run: B/Kansas City 3680 -1547  
Radiation Guard Ar buckle 3762 -1629

CASING RECORD  New  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	220	Common	150	3% cc 2% gel

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 (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

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 (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled (Submit ACO-5) (Submit ACO-4) <input type="checkbox"/> Other (Specify)	PRODUCTION INTERVAL:
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# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 738

Date	Sec.	Twp.	Range	County	State	On Location	Finish
G-11-12	18	14	18	Ellis	KS		5.45pm
Lease	Well No.		Location				
E F Madden	52		hays 25 3w & N East 1/4 to				
Contractor				Owner			
Discoby Pgs 3				To Quality Oilwell Cementing, Inc.			
Type Job				You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
plug							
Hole Size		T.D.		Charge To			
		3830		Cement			
Csg.		Depth		To			
				Worth Exploration			
Tbg. Size		Depth		City			
				State			
Tool		Depth		The above was done to satisfaction and supervision of owner agent or contractor.			
Cement Left in Csg.		Shoe Joint		Cement Amount Ordered			
				245-60 49 501			
Meas Line		Displace					

**EQUIPMENT**

Pumptrk	No.	Cement	Helper	Common
16				147
Bulktrk	No.	Driver	Driver	Poz. Mix
13				98
Bulktrk	No.	Driver	Driver	Gel.
				9

**JOB SERVICES & REMARKS**

Remarks:	Calcium
Rat Hole 30 SHS	Hulls
Mouse Hole 15 SHS	Salt
Centralizers	Flowseal 60 #
Baskets	Koi-Seal
D/V or Port Collar	Mud CLR 48
	CFL-117 or CD110 CAF 38
	Sand
	Handling 25 #
	Mileage

1st @ 3766 25 SHS  
2nd @ 1410 25 SHS  
3rd @ 680 100 SHS  
4th @ 270 40 SHS  
6th @ 40 10 SHS

**FLOAT EQUIPMENT**

Guide Shoe
Centralizer
Baskets
AFU Inserts
Float Shoe
Latch Down
Pumptrk Charge
Mileage

\* Signature *Edwin Madden*

Tax
Discount
Total Charge

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 5049

Date	7-6-68	Sec.	13	Twp.	14	Range	13	County	Ellis	State	Ks	On Location	Finish
Lease	F F Middle	Well No.	52		Location			Hwy 15 - 15, 300, 15, Ells					
Contractor	D. J. ... #13							Owner	To Quality Oilwell Cementing, Inc.				
Type Job	Surface							You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.					
Hole Size	8 1/2"		T.D.	220'		Charge To	Wellsploration Trust						
Csg.	8 1/2"		Depth	220'		Street							
Tool			Depth			City	State						
Cement Left in Csg.	15'		Shoe Joint	15'		The above was done to satisfaction and supervision of owner agent or contractor.							
Meas Line			Displace	15 BLS		Cement Amount Ordered	150 sy Common 5% GCL						

**EQUIPMENT**

Pumptrk	9	No.	Cementer	N. K.	Gel	2% Gel
			Helper		Common	150
Bulktrk	14	No.	Driver		Poz. Mix	
Bulktrk		No.	Driver		Gel	3

**JOB SERVICES & REMARKS**

Remarks:	Cemented 15' shoe joint
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
	Sand
	Handling 15.33
	Mileage

**FLOAT EQUIPMENT**

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	

Pumptrk Charge	Surface
Mileage	15 min

	Tax	
	Discount	
	Total Charge	

X Signature *[Handwritten Signature]*