

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1213702

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #			API No. 15	_ API No. 15				
Name:			Spot Description:					
Address 1:								
Address 2:			F6	eet from North /	South Line of Section			
City:	State: Z	ip:+	Feet from East / West Line of Section					
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:			
Phone: ()			□ NE □ NW	V □SE □SW				
CONTRACTOR: License #			GPS Location: Lat:	, Long: _				
Name:				(e.g. xx.xxxxx)	(e.gxxx.xxxxx)			
Wellsite Geologist:			Datum: NAD27	NAD83 WGS84				
Purchaser:			County:					
Designate Type of Completion:			Lease Name:	W	/ell #:			
	e-Entry	Workover	Field Name:					
	_		Producing Formation:					
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:			
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:			
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet			
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No			
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet			
Operator:			If Alternate II completion, c	cement circulated from:				
Well Name:			feet depth to:	w/	sx cmt.			
Original Comp. Date:								
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan				
☐ Plug Back	Conv. to G		(Data must be collected from the					
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls			
Dual Completion			Dewatering method used: _					
SWD			Location of fluid disposal if	hauled offsite				
☐ ENHR			1					
GSW	Permit #:		Operator Name:					
_ _			Lease Name:	License #:_				
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West			
Recompletion Date		Recompletion Date	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					
Confidentiality Requested					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I III Approved by: Date:					

Page Two



Operator Name:			Lease Name:			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow	ing and shut-in pressu	ormations penetrated. Dures, whether shut-in preith final chart(s). Attach	ssure reached stati	c level, hydrosta	tic pressures, bott			
		tain Geophysical Data a r newer AND an image f		gs must be ema	iled to kcc-well-log	gs@kcc.ks.gov	. Digital electronic log	
Drill Stem Tests Taken (Attach Additional S		Yes No			n (Top), Depth an		Sample	
Samples Sent to Geol	ogical Survey	☐ Yes ☐ No	Nam	9		Тор	Datum	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	w Used				
		Report all strings set-o			on, 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	
		ADDITIONAL	CEMENTING / SQL	EEZE RECORD	I	1		
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives				
Perforate Protect Casing Plug Back TD	тор вошот							
Plug Off Zone								
Does the volume of the to	•	n this well? aulic fracturing treatment ex submitted to the chemical o		Yes [Yes [Yes [No (If No, ski)	o questions 2 and question 3) out Page Three		
Shots Per Foot		N RECORD - Bridge Plug			cture, Shot, Cement			
S.13.6 Y 3. Y 33.	Specify Fo	ootage of Each Interval Perf	orated	(Ar	nount and Kind of Ma	terial Used)	Depth	
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or ENH	IR. Producing Meth		Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls. Gas	Mcf Wate	er Bl	bls. G	ias-Oil Ratio	Gravity	
				T.O.		DE 0-11-		
DISPOSITION Vented Sold	ON OF GAS: Used on Lease	Open Hole	METHOD OF COMPLE Perf. Dually		nmingled	PRODUCTIO	ON INTERVAL:	
	(Submit ACO-5) (Submit ACO-4) (If vented, Submit ACO-18.) Other (Specify)							

QUALITY OILWELL CEMENTING, INC. Federal Tax I.D.# 20-2886107

Phone 785-483-2025

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

No. 509

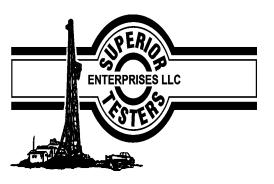
Cell 785-324-1041	Sec.	Twp.	Range		County	State K S		On Loca	tion	Finish 6-30 PM
Date 7-3-14	16	7	22		aham	184511	1.60	361	5 N	Name and Address of the Owner o
				Location		14450	NIU	010	0 14	
Lease Worcest	er	1	Well No. 16-	3	Owner To Quality Qi	Iwell Cementing,	Inc.	1		
Contractor Discover	~y #/	1			Maria basa	by requested to red helper to assist	ant ceme	nting eq	uipment	and furnish work as listed.
Type Job Surface									101 10 00	
Hole Size 12 14	in sin		220	resense s	To W	erth Exp	torat	un		
Csg. 85/8		Depth .	220'		Street					
Tbg. Size	UW als	Depth	Dence Is a		City		Sta		-6	agent or contracto
Tool		Depth	AT DESKEL D	GUA ESTA	The above wa	as done to satisfaction	on and su	pervision	of owner	agent or contractor
Cement Left in Csg. 20) '	Shoe J	oint		Cement Amo	ount Ordered /	50 co	m O	10 CC	2 10 Gel
Meas Line		Displac	ce 1) 3/4	661						
Parket A visite	EQUIP	MENT			Common /	50			*	
Pumptrk 5 Help	enter C	avid			Poz. Mix					
Bulktrk 14 No. Drive	er p	wton			Gel. 3					
Bulktrk Pu No. Drive	er n	/			Calcium 5					
		S & REMA	ARKS	2	Hulls					
Remarks:		B 4 2 4			Salt					
Rat Hole	A SQUARE OF THE PARTY OF THE PA	2 6 27			Flowseal					
Mouse Hole			er och met mitterem til hand er enem brongte, etter vertennen å eren		Kol-Seal					
Centralizers		The second secon			Mud CLR 4	8				
				3 8	CFL-117 or	CD110 CAF 38		8.5		
Baskets		55			Sand					7
D/V or Port Collar					Handling /	158				
					Mileage					
						FLOAT EQ	UIPMENT			<u> </u>
					Guide Shoe	9				
	- +	***************************************	and the second		Centralizer					
Cemi	eni				Baskets	7				
				0.000	AFU Insert	S				
P .	-	- 4 -	111		Float Shoe		71.77			
UIF	(W	are	2.15		Latch Dow					
	1 10				Later Dow				5.8	
					17 Aut C	harm Su =	Face			
					Pumptrk C	JU V	act			
					Mileage				Ta	ix
		1 2 4 4		La la part	not included				Discou	nt
Λ Λ	0	, J 40 90	ross negligen	dadi or g	Wellful Milescon			To	ital Char	ge
× MINCO	mell.	/								

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

309 Home Office P.O. Box 32 Russell, KS 67665 Phone 785-483-2025 Cell 785-324-1041 On Location Finish State County Sec. Twp. Range Location Well No. Owner To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish Contractor cementer and helper to assist owner or contractor to do work as listed. Type Job Charge Hole Size To Depth Street Csg. Depth City State Tbg. Size The above was done to satisfaction and supervision of owner agent or contractor. Depth Tool Cement Amount Ordered Shoe Joint Cement Left in Csg. Meas Line Displace **EQUIPMENT** Common Cementer Poz. Mix Pumptrk, Helper Driver Gel. Bulktrk Driver Driver Calcium Bulktrk Driver JOB SERVICES & REMARKS Hulls Salt Remarks: Flowseal Rat Hole Kol-Seal Mouse Hole Mud CLR 48 Centralizers CFL-117 or CD110 CAF 38 Baskets Sand D/V or Port Collar Handling Mileage FLOAT EQUIPMENT Guide Shoe Centralizer Baskets AFU Inserts Float Shoe Latch Down Pumptrk Charge Mileage Tax Discount

X Signature Total Charge



Prepared For: Werth Exploration Trust

1308 Schwaller Ave. Hays Kansas 67601

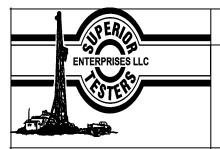
ATTN: Herb Deines

Worcester 16-5

16-7s-22w-Graham

Start Date: 2014.07.07 @ 01:48:00 End Date: 2014.07.07 @ 07:50:00 Job Ticket #: 18348 DST #: 1

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



Werth Exploration Trust

16-7s-22w-Graham

1308 Schwaller Ave. Hays Kansas 67601 Worcester 16-5
Job Ticket: 18348

DST#:1

ATTN: Herb Deines

Test Start: 2014.07.07 @ 01:48:00

GENERAL INFORMATION:

Formation: Lansing C

Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 03:29:30 Tester: Dustin Ellis
Time Test Ended: 07:50:00 Unit No: 3315-Hays-132

Interval: 3582.00 ft (KB) To 3610.00 ft (KB) (TVD) Reference Elevations: 2341.00 ft (KB)

Total Depth: 3610.00 ft (KB) (TVD) 2334.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8931 Inside

Press@RunDepth: 276.14 psig @ 3605.00 ft (KB) Capacity: 5000.00 psig

 Start Date:
 2014.07.07
 End Date:
 2014.07.07
 Last Calib.:
 2014.07.07

 Start Time:
 01:48:00
 End Time:
 07:50:00
 Time On Btm:
 2014.07.07 @ 03:28:30

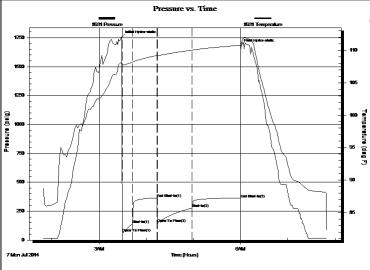
 Time Off Btm:
 2014.07.07 @ 06:00:00

TEST COMMENT: 1st Open 15 minutes Strong building blow built to the bottom of a 5 gallon bucket of water in 6 minutes.

1st Shut in 30 minutes No blow back

2nd Open 45 minutes Strong building blow built to the bottom of a 5 gallon bucket of water in 11 minutes.

2nd Shut in 60 minutes No blow back.



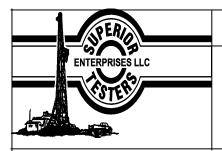
	PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1750.88	108.15	Initial Hydro-static				
	1	62.60	107.76	Open To Flow (1)				
	14	139.26	108.17	Shut-In(1)				
	45	364.81	109.19	End Shut-In(1)				
	46	147.54	109.09	Open To Flow (2)				
	90	276.14	110.02	Shut-In(2)				
, ,	152	359.02	110.78	End Shut-In(2)				
,	152	1677.57	111.13	Final Hydro-static				

Recovery

Length (ft)	Description	Volume (bbl)
183.00	Very lightly oil spotted watery mud	2.57
0.00	Mud 90% Water 10%	0.00
305.00	Muddy water water95% mud 5%	4.28
0.00	Chlorides 48,000 .3ohms 56 degrees	0.00

Gas Rat	es	
Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)

Superior Testers Enterprises LLC Ref. No: 18348 Printed: 2014.07.07 @ 09:10:58



Werth Exploration Trust

16-7s-22w-Graham

1308 Schwaller Ave. Hays Kansas 67601 Worcester 16-5 Job Ticket: 18348

Tester:

DST#: 1

ATTN: Herb Deines

Test Start: 2014.07.07 @ 01:48:00

GENERAL INFORMATION:

Formation: Lansing C

Interval:

Total Depth:

Deviated: Whipstock: Test Type: Conventional Bottom Hole (Initial) No ft (KB)

Time Tool Opened: 03:29:30 Time Test Ended: 07:50:00

2341.00 ft (KB)

Dustin Ellis

Unit No: 3315-Hays-132

3582.00 ft (KB) To 3610.00 ft (KB) (TVD) Reference Elevations:

3610.00 ft (KB) (TVD) 2334.00 ft (CF)

7.88 inches Hole Condition: Fair Hole Diameter: KB to GR/CF: 7.00 ft

Serial #: 6999 Outside

Press@RunDepth: 364.77 psig @ 3605.00 ft (KB) Capacity: 5000.00 psig

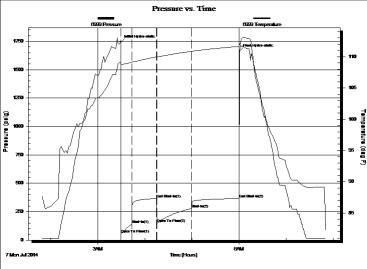
Start Date: 2014.07.07 End Date: Last Calib.: 2014.07.07 2014.07.07 Start Time: 01:48:00 End Time: 07:50:30 Time On Btm: 2014.07.07 @ 03:29:00 Time Off Btm: 2014.07.07 @ 06:00:30

TEST COMMENT: 1st Open 15 minutes Strong building blow built to the bottom of a 5 gallon bucket of water in 6 minutes.

1st Shut in 30 minutes No blow back

2nd Open 45 minutes Strong building blow built to the bottom of a 5 gallon bucket of water in 11 minutes.

2nd Shut in 60 minutes No blow back.



	FRESSURE SUIVINANT							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1742.17	109.07	Initial Hydro-static				
	1	55.06	108.75	Open To Flow (1)				
	14	139.36	109.07	Shut-In(1)				
4	46	363.55	109.97	End Shut-In(1)				
Temperature (deg F)	46	147.19	109.95	Open To Flow (2)				
	90	277.43	110.85	Shut-In(2)				
œ.	151	364.77	111.65	End Shut-In(2)				
J	152	1659.89	112.10	Final Hydro-static				

PRESSURE SUMMARY

Recovery

Length (ft)	Description	Volume (bbl)
183.00	Very lightly oil spotted watery mud	2.57
0.00	Mud 90% Water 10%	0.00
305.00	Muddy water water95% mud 5%	4.28
0.00	Chlorides 48,000 .3ohms 56 degrees	0.00

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

Superior Testers Enterprises LLC Ref. No: 18348 Printed: 2014.07.07 @ 09:10:58



TOOL DIAGRAM

Werth Exploration Trust

Worcester 16-5

1308 Schwaller Ave. Hays Kansas 67601

.....

Job Ticket: 18348

16-7s-22w-Graham

DST#:1

2000.00 lb

ATTN: Herb Deines

Test Start: 2014.07.07 @ 01:48:00

Tool Information

Drill Pipe: Length: 3567.00 ft Diameter: 3.80 inches Volume: 50.04 bbl Tool Weight: 0.00 bbl 0.00 inches Volume: Heavy Wt. Pipe: Length: 0.00 ft Diameter: Drill Collar: Length: 0.00 ft Diameter: 2.25 inches Volume: 0.00 bbl Total Volume: 50.04 bbl Tool Chased

Weight set on Packer: 20000.00 lb Weight to Pull Loose: 72000.00 lb Tool Chased 0.00 ft

Drill Pipe Above KB: 5.00 ft
Depth to Top Packer: 3582.00 ft
Depth to Bottom Packer: ft

String Weight: Initial 50000.00 lb

Printed: 2014.07.07 @ 09:10:58

Interval between Packers: 28.00 ft
Tool Length: 48.00 ft

Final 51000.00 lb

Tool Length: 48.00 ft
Number of Packers: 2

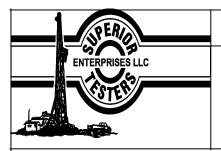
Diameter: 6.75 inches

Ref. No: 18348

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3567.00		
Hydraulic tool	5.00			3572.00		
Top Packer	5.00			3577.00		
Packer	5.00			3582.00	20.00	Bottom Of Top Packer
Anchor	23.00			3605.00		
Recorder	0.00	8931	Inside	3605.00		
Recorder	0.00	6999	Outside	3605.00		
Bull Plug	5.00			3610.00	28.00	Anchor Tool

Total Tool Length: 48.00



FLUID SUMMARY

Werth Exploration Trust

16-7s-22w-Graham

1308 Schwaller Ave. Hays Kansas 67601 Worcester 16-5

Job Ticket: 18348

DST#:1

ATTN: Herb Deines

Test Start: 2014.07.07 @ 01:48:00

Mud and Cushion Information

Mud Type:Gel ChemCushion Type:Oil API:deg APIMud Weight:9.00 lb/galCushion Length:ftWater Salinity:ppm

Viscosity: 60.00 sec/qt Cushion Volume: bbl

Water Loss: 8.40 in³ Gas Cushion Type:

Resistivity: ohm.m Gas Cushion Pressure: psig

Salinity: 750.00 ppm Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
183.00	Very lightly oil spotted watery mud	2.567
0.00	Mud 90% Water 10%	0.000
305.00	Muddy water water95% mud 5%	4.278
0.00	Chlorides 48,000 .3ohms 56 degrees	0.000

Total Length: 488.00 ft Total Volume: 6.845 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

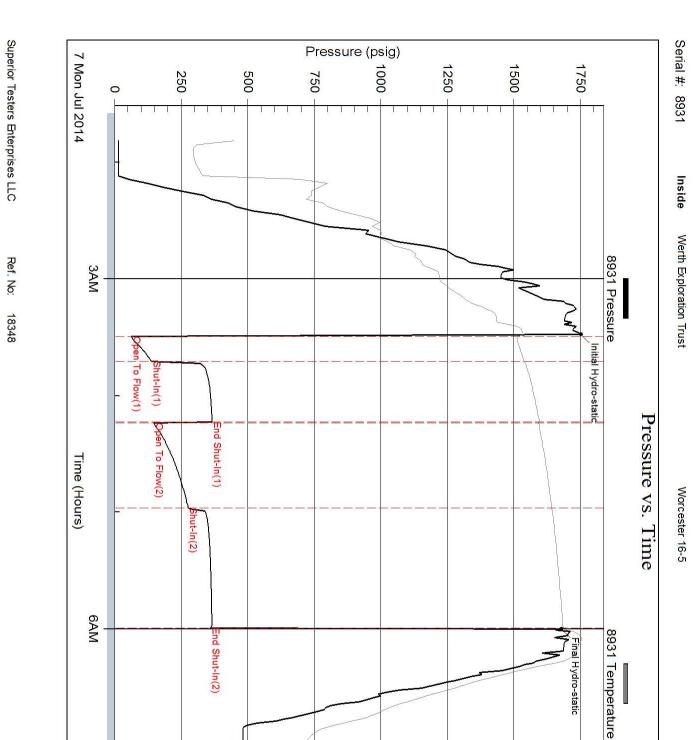
Laboratory Name: Laboratory Location:

Ref. No: 18348

Recovery Comments:

Superior Testers Enterprises LLC

Printed: 2014.07.07 @ 09:10:58



DST Test Number: 1

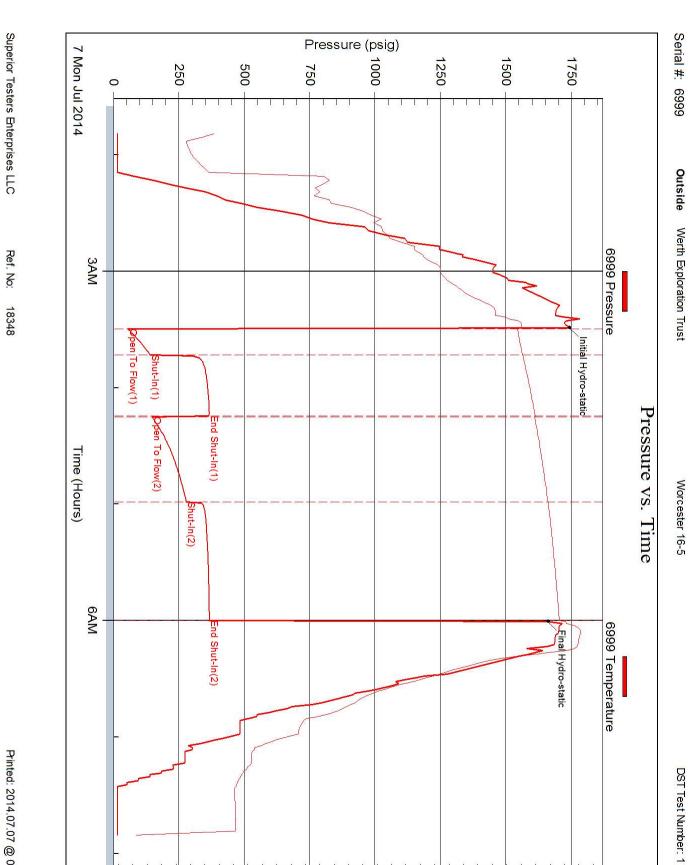
85

90

Temperature (deg F)

105

110



Temperature (deg F)

OPERATOR

Company: ANDY WERTH dba WERTH EXPLORATION TRUST

Address: 1308 SCHWALLER AVE HAYS, KANSAS 67601

Contact Geologist: ANDY WERTH
Contact Phone Nbr: 785-625-4968
Well Name: WORCESTER # 16-5

Location: SW NW SW NE Sec.16-T7S R22W

API: 15-065-24,048-00-00

Pool: Field: ALDA State: KANSAS Country: USA

Scale 1:240 Imperial

Well Name: WORCESTER # 16-5

Surface Location: SW NW SW NE Sec.16-T7S R22W

Bottom Location:

API: 15-065-24,048-00-00

License Number: 30259

Spud Date: 7/3/2014 Time: 2:45 PM

Region: GRAHAM COUNTY

Drilling Completed: 7/7/2014 Time: 10:20 PM

Surface Coordinates: 3310' FSL & 2364' FEL

Bottom Hole Coordinates:

Ground Elevation: 2334.00ft K.B. Elevation: 2341.00ft

Logged Interval: 3170.00ft To: 3804.00ft

Total Depth: 3804.00ft

Formation: LANSING-KANSAS CITY

Drilling Fluid Type: CHEMICAL/FRESH WATER GEL

SURFACE CO-ORDINATES

Well Type: Vertical
Longitude: -99.7783882
Latitude: 39.4463488
N/S Co-ord: 3310' FSL
E/W Co-ord: 2364' FEL

LOGGED BY



Company: SOLUTIONS CONSULTING

Address: 108 W 35TH

HAYS, KS 67601

Phone Nbr: (785) 639-1337

Logged By: GEOLOGIST Name: BRUCE BASYE/HERB DEINES

CONTRACTOR

Contractor: DISCOVERY DRILLING, INC.

Rig #: 1

Rig Type: MUD ROTARY

 Spud Date:
 7/3/2014
 Time:
 2:45 PM

 TD Date:
 7/7/2014
 Time:
 10:20 PM

 Rig Release:
 7/8/2014
 Time:
 1:00 PM

ELEVATIONS

K.B. Elevation: 2341.00ft Ground Elevation: 2334.00ft

K.B. to Ground: 7.00ft

NOTES

RECOMMENDATION TO PLUG AND ABANDON WELL BASED ON NEGATIVE RESULTS OF DST # 1 AND LOG ANALYSIS

OPEN HOLE LOGGING BY PIONEER ENERGY SERVICES: RADIATION GUARD LOG, MICRORESISTIVITY LOG

FORMATION TOPS COMPARISON

DRILL STEM TESTING BY SUPERIOR TESTERS: ONE (1) CONVENTIONAL TEST

	WORCESTER 16-5 SW NW SE NE SEC.16-T7S-R22W 2333'GL 2341'KB	WORCESTER B-1 SW SW NE SEC.16-T7S-R22W KB 2334'	WORCESTER F-16 NW SW NE SEC.16-7S-22W KB 2343'
FORMATION	LOG TOPS	LOG TOPS	LOG TOPS
Anhydrite	1964 +377	+374	+383
B-Anhydrite	1994 +347		+352
Topeka	3323 -982	-986	-983
Heebner Sh.	3524-1183	-1183	-1183
Toronto	3548-1207	-1205	-1207
LKC	3566-1225	-1226	-1227
ВКС	3759-1418	-1418	-1419
Arbuckle	NR	NR	-1547
RTD	3804-1463	-1551	-1555

SUMMARY OF DAILY ACTIVITY

7-03-14	Spud 2:45 PM, set 8 5/8" surface casing to 220' w/ 150 sxs Common		
	2% Gel 3% CC, slope 3/4 degree, plug down 6:30 PM, WOC 8 H	ours	
7-04-14	700', drill plug at 2:30AM		
7-05-14	2640', displaced at 3249'		
7-06-14	3359', drilling, CFS 3564', short trip 25 stands, CFS 3610', CCH,		
	TOWB		
7-07-14	3610', DST # 1 3582'-3610' "C" LKC, RTD 3804' @10:20 PM,	CCH,	
	TOWB		
7-08-14	3804', logs, LDDP, P&A		

DST # 1 TEST SUMMARY



DRILL STEM TEST REPORT

Werth Exploration Trust

1308 Schwaller Ave

Hays Kansas 67601 Job Ticket: 18348

Test Start: 2014.07.07 @ 01:48:00 ATTN: Herb Deines

16-7s-22w-Graham

DST#: 1

Conventional Bottom Hole (Initial)

Worcester 16-5

Test Type:

GENERAL INFORMATION:

Formation: Lansing C

ft (KB) Deviated: Whipstock: No

Time Tool Opened: 03:29:30 Dustin ⊟lis Tester: Time Test Ended: 07:50:00 Unit No: 3315-Havs-132

3582.00 ft (KB) To 3610.00 ft (KB) (TVD) Reference Bevations: 2341.00 ft (KB) Interval:

3610.00 ft (KB) (TVD) Total Depth:

2334.00 ft (CF) 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft Hole Diameter:

Serial #: 8931 Inside

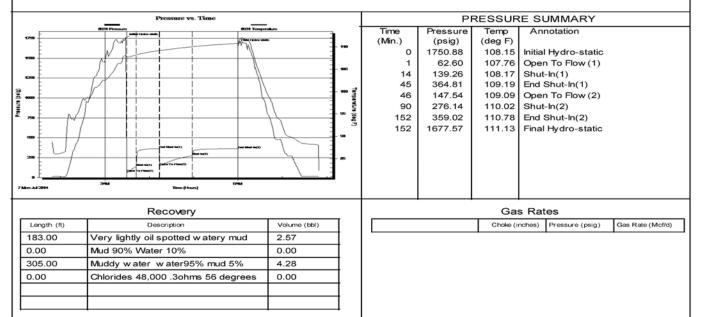
Press@RunDepth: 276.14 psig @ 3605.00 ft (KB) 5000.00 psig Capacity: 2014.07.07 2014.07.07 2014.07.07 Start Date: End Date: Last Calib.: Start Time: 01:48:00 End Time: 07:50:00 Time On Btm: 2014.07.07 @ 03:28:30 Time Off Btm: 2014.07.07 @ 06:00:00

TEST COMMENT: 1st Open 15 minutes Strong building blow built to the bottom of a 5 gallon bucket of water in 6 minutes.

1st Shut in 30 minutes No blow back

2nd Open 45 minutes Strong building blow built to the bottom of a 5 gallon bucket of water in 11 minutes.

2nd Shut in 60 minutes No blow back



Superior Testers Enterprises LLC Ref. No: 18348 Printed: 2014.07.07 @ 09:10:58

Image Header 03

Image Header 04

Image Header 05





Lmst fw7> shale, grn



shale, gry Carbon Sh



ACCESSORIES MINERAL ▲ Chert, dark **OTHER SYMBOLS** DST **DST** Int DST alt Core Printed by GEOstrip VC Striplog version 4.0.8.9 (www.grsi.ca) TG, C1 - C5 Curve Track #1 ROP (min/ft) Depth | Intervals Lithology DST **Geological Descriptions** Cored Interval DST Interval 1:240 Imperial 1:240 Imperial 8 5/8" SURFACE CASING SET TO 220' W/ 150 SXS COMMON 2%GEL 3%CC BEGIN 1' DRILL TIME FROM 3330' TO RTD BEGIN 10' WET AND DRY SAMPLES FROM 3350' TO RTD 3330 **ANHYDRITE TOP 1964+377 ANHYDRITE BASE 1994+347** 3340 **6** 3350 OF (min/ft) Lime, gray, fusulinids in vfxln matrix 3360 Shale, light gray, very soft, muddy, grey wash in sample Shale, gray, semi hard, blocky 3370 Lime, mottled, black to white, fnxln 3380 3390 Lime, light cream, granular, poorly cemented <u>6</u>3400 ROP (min/ft) Lime, white with light green cast, granular, poorly cemented 3410 Shale, black, blocky fissile 3420 Shale, red to reddish brown, blocky, fissle

Shale, green, blocky, fissle, semi hard, waxy.

Lime,cream to white, fn to med xln, dense

Lime, green to gray, fnxln

Shale, brown, soft,

3430

3440

3450

3460

