



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1097870  
OIL & GAS CONSERVATION DIVISION

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 # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Vertical Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1097870

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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:  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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Woolsey Operating Company, LLC
Well Name	GLENN WEIR 2
Doc ID	1097870

Tops

Name	Top	Datum
CHASE	1803	.340
ONAGA	2646	-1183
HEEBNER	3658	-2195
DOUGLAS	3688	-2225
BROWN LIME	3904	-2441
PAWNEE LS	4505	-3042
MISSISSIPPIAN	4573	-3110
VIOLA	4914	-3451
SIMPSON	5044	-3548

Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

October 17, 2012

DEAN PATTISSON  
Woolsey Operating Company, LLC  
125 N MARKET STE 1000  
WICHITA, KS 67202-1729

Re: ACO1  
API 15-007-23901-00-00  
Glenn Weir 2  
NE/4 Sec.35-33S-11W  
Barber County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
DEAN PATTISSON

# ALLIED OIL & GAS SERVICES, LLC 053822

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
*Med Lodge KS*

DATE <i>06/22/2012</i>	SEC. <i>35</i>	TWP. <i>33s</i>	RANGE <i>11w</i>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <i>1045PM</i>
LEASE <i>Glen Veir</i>	WELL # <i>2</i>	LOCATION <i>South on 281, Berline Bk top, East</i>			COUNTY <i>Barber</i>	STATE <i>KS</i>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)		<i>to Cedar Hills Rd. North 1 3/4 mile cross cattle guard then North West cross cattle guard stay left on forks for 1 mile</i>					

CONTRACTOR *Hardt*  
 TYPE OF JOB *Surface*  
 HOLE SIZE *14 3/4* T.D. *216*  
 CASING SIZE *10 3/4* DEPTH *217*  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX *300* MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. *15 ft*  
 PERFS.  
 DISPLACEMENT *19 3/4 bbl fresh H2O*

OWNER *Woolsey*  
 CEMENT AMOUNT ORDERED *240 ex Class A + 3% cct + 2% Gel*

EQUIPMENT  
 PUMP TRUCK CEMENTER *Soren Thimesch*  
 #548/555 HELPER *Matt Thimesch*  
 BULK TRUCK  
 #364 DRIVER *Farnie*  
 BULK TRUCK  
 # DRIVER

COMMON *Class A 240 ex @ 16.25 3900*  
 POZMIX @  
 GEL *5 ex @ 21.25 106.25*  
 CHLORIDE *9 ex @ 58.20 523.80*  
 ASC @  
 @  
 @  
 @  
 @  
 @  
 @  
 @  
 HANDLING *259.5 ex @ 2.10 544.95*  
 MILEAGE *11.84 hrs X 15 mi X 2.35 417.36*  
 TOTAL *5492.36*

REMARKS:  
*Did circ cement*

**WELL FILE**  
 Regulatory Correspondence  
 (Orig) Comp Workovers  
 Thank you Meters Operations

CHARGE TO: *Woolsey*  
 STREET  
 CITY STATE ZIP

**SERVICE**

DEPTH OF JOB *217*  
 PUMP TRUCK CHARGE *1125*  
 EXTRA FOOTAGE @  
 MILEAGE *15 @ 7 105.00*  
 MANIFOLD @  
*LV 15 @ 4 60-*  
 @  
 TOTAL *1290-*

**PLUG & FLOAT EQUIPMENT**

@  
 @  
 @  
 @  
 @  
 @  
 TOTAL

To: Allied Oil & Gas Services, LLC.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any)  
 TOTAL CHARGES *\$6782.36*  
 DISCOUNT *000 / \$1356.47* IF PAID IN 30 DAYS

PRINTED NAME *Donald Boyd*  
 SIGNATURE *Donald Boyd*

# ALLIED OIL & GAS SERVICES, LLC 053829

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Medicine Lodge KS.

DATE 07/03/2012	SEC. 35	TWP. 33S	RANGE 11W	CALLED OUT	ON LOCATION	JOB START	JOB FINISH 8:15 AM
LEASE Glen Weir	WELL# 2	LOCATION 281 + Garlane East to Cedar Hills, North			COUNTY Barber	STATE KS	
OLD OR NEW (Circle one)		1 1/2 mi, North west cross cattle guard, stay left on forks					

CONTRACTOR Hardt #1 OWNER Woolsey

TYPE OF JOB Production

HOLE SIZE 7 7/8 T.D. 5179 CEMENT AMOUNT ORDERED 75sx 60:40:4% Gel,

CASING SIZE 5 1/2 DEPTH 5018 150sx Class H+10% Gypseal+0% Salt+6# Kibul+8% #1-160 + 1/4# #1aseal, 13 Gal KCL

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 44.16

CEMENT LEFT IN CSG. 44.16

PERFS.

DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Jesse Thimmoach

# 471/302 HELPER David Felco

BULK TRUCK

# 364 DRIVER Troy Lenz

BULK TRUCK

# DRIVER

REMARKS:

COMMON	45sx "A"	@ 11.25	731.25
POZMIX	30sx	@ 8.50	255.00
GEL	3sx	@ 21.25	63.75
CHLORIDE		@	
ASC		@	
Class H	150sx	@ 19.25	2887.50
Gypseal	14sx	@ 34.20	478.80
Salt	15sx	@ 12.00	180.00
Kalseal	900#	@ .89	801.00
EL-1160	113#	@ 17.20	1943.60
Flaseal	37.5	@ 2.70	101.25
Cat-pro	13gal	@ 31.25	406.25
		@	
HANDLING	281.94 cuft	@ 2.10	592.07
MILEAGE	12 tons x 15 miles x 2.35		493.00
TOTAL			8803.47

## WELL FILE

Regulatory Correspondence  
Drig Comp Workovers  
Tests / Meters Operations

Thank You

## SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		2195-
EXTRA FOOTAGE	@	
MILEAGE	15 @ 7.00	105-
MANIFOLD + Hard Rental	@	
LV	15 @ 4.00	60-
	@	
TOTAL \$2810-		

CHARGE TO: Woolsey  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

## PLUG & FLOAT EQUIPMENT

APU Float Shoe		349-
Latch Down Plug	@	277-
Turbolizers	12 @ 80-	960-
Pecip. Scratchers	32 @ 76-	2432-
	@	
	@	
TOTAL \$4018-		

To: Allied Oil & Gas Services, LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Donald Boyd  
SIGNATURE Donald Boyd

SALES TAX (if Any) \_\_\_\_\_  
TOTAL CHARGES \$15,741.47  
DISCOUNT 20% \$3148.29 IF PAID IN 30 DAYS  
NET \$12,593.18

AUG - 1 2012



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Woolsey Operating Co. LLC

**35-33s-11w Barber Ks**

125 N. Market, Ste. 1000  
Wichita Ks. 67202

**Glen Weir #2**

Job Ticket: 47577

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2012.06.29 @ 07:06:35

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:48:50

Time Test Ended: 15:33:05

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 4522.00 ft (KB) To 4625.00 ft (KB) (TVD)**

Reference Elevations: 1463.00 ft (KB)

Total Depth: 4625.00 ft (KB) (TVD)

1453.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8352 Outside**

Press @ Run Depth: 45.18 psig @ 4523.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.29

End Date: 2012.06.29

Last Calib.: 2012.06.29

Start Time: 07:06:40

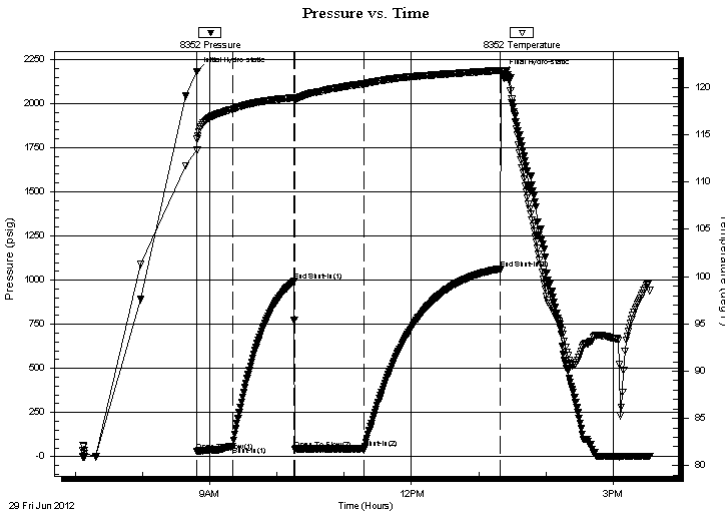
End Time: 15:33:04

Time On Btm: 2012.06.29 @ 08:48:35

Time Off Btm: 2012.06.29 @ 13:20:35

**TEST COMMENT:** IF: Strong blow . B.O.B. in 100 secs.  
IS: No blow .  
FF: Strong blow . B.O.B. in 2 secs. GTS in 45 mins. TSTM  
FS: No blow .

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2180.26	113.39	Initial Hydro-static
1	31.06	114.55	Open To Flow (1)
32	57.99	117.70	Shut-In(1)
87	994.31	118.93	End Shut-In(1)
88	41.65	118.57	Open To Flow (2)
150	45.18	120.38	Shut-In(2)
271	1064.58	121.82	End Shut-In(2)
272	2169.81	121.36	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
65.00	Drig. mud	0.32

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Woolsey Operating Co. LLC

**35-33s-11w Barber Ks**

125 N.Market ,Ste.1000  
Wichita Ks.67202

**Glen Weir #2**

Job Ticket: 47577

**DST#: 1**

ATTN: Scott Alberg

Test Start: 2012.06.29 @ 07:06:35

## 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:

3600 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
65.00	Drig.mud	0.320

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: none

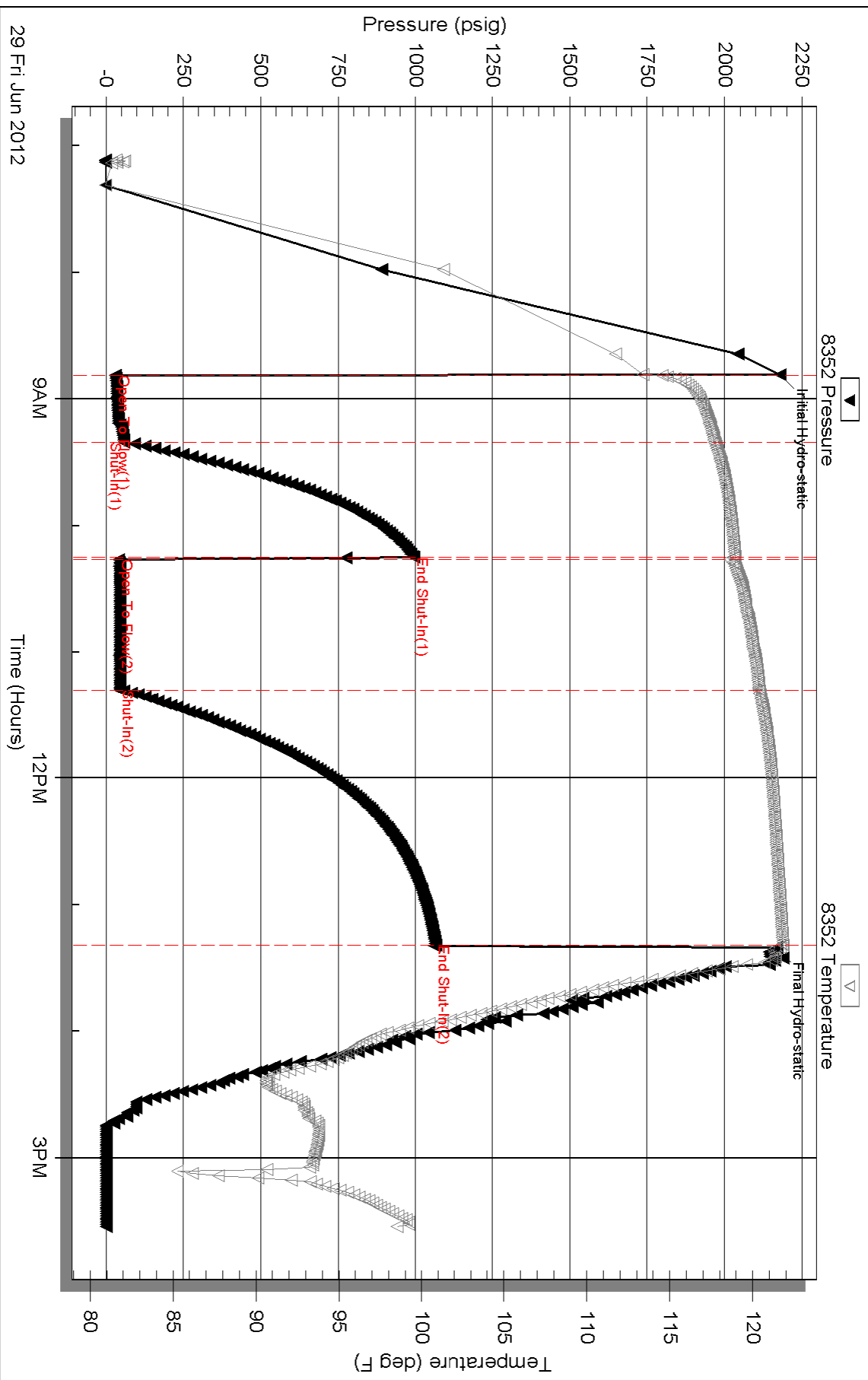
Laboratory Name:

Laboratory Location:

Recovery Comments:



### Pressure vs. Time



# Woolsey Operating Company, LLC

Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: GLENN WEIR #2  
 Location: APROX E/2 SE NE  
 License Number: API: 15-007-23901-00-00  
 Spud Date: June 22, 2012  
 Surface Coordinates: Section 35-T33S-R11W, 1980'FNL, 515' FEL  
 Bottom Hole Coordinates: Roundup South Pool  
 Vertical Hole

Region: Barber County, Kansas  
 Drilling Completed: July 2, 2012

Ground Elevation (ft): 1453  
 K.B. Elevation (ft): 1463  
 Logged Interval (ft): 4000  
 To: 5179  
 Total Depth (ft): 5179  
 Formation: McLish Shale  
 Type of Drilling Fluid: Chemical Mud, Displace at 3224'

Printed by MUD.LOG from WellSight Systems 1-800-447-1534 www.WellSight.com

**OPERATOR**

Company: Woolsey Operating Company, LLC  
 Address: 125 N. Market, Suite 1000  
 Wichita, KS 67202

**GEOLOGIST**

Name: W. Scott Alberg  
 Company: Alberg Petroleum, LLC  
 Address: 609 Meadowlark Lane  
 Pratt, Kansas 67124

**FORMATION TOPS**

	SAMPLE TOPS	LOG TOPS
HUSHPUCKNEY SHALE	4362(-2899)	4362(-2899)
B/KC	4418(-2955)	4418(-2953)
PAWNEE	4506(-3043)	4505(-3042)
CHEROKEE GROUP	4556(-3093)	4554(-3091)
MISSISSIPPIAN	4573(-3110)	4572(-3109)
KINDERHOOK SHALE	4792(-3329)	4790(-3327)
WOODFORD SHALE	4868(-3405)	4870(-3407)
VIOLA	4902(-3439)	4913(-3450)
SIMPSON GROUP	5009(-3546)	5011(-3548)
SIMPSON SAND	5002(-3539)	5008(-3535)
MCLISH SHALE	5064(-3601)	5062(-3601)
MCLISH SAND	5148(-3685)	5151(-3688)
RTD	5179(-3716)	
LTD		5180(-3717)

**COMMENTS**

Surface Casing: Set 5 joints 10 3/4" at 216'(tallied 201') with 240 sxs Class A, 2% gel, 3% cc, plug down at 10:45 pm on June 22, 2012. Cement did Circulate.  
 Production Surveys: 1 - 216', 3/4 - 2607', 1 - 3411', 1 - 4279', 2 1/4 - 4401', 1 - 4447', 3 - 4625', 2 - 4625', 3/4 4751', 3/4 - 5179'  
 Contractor Bit Record:  
 1 - 14 3/4" out at 219'.  
 2 - 7 7/8" (PDC) out at 4401'.  
 3 - 7 7/8" out at 5179'.

Pipe Strap at 4401', 2.74' long to board.

Gas Detector: Woolsey Operating Company, Trailer #1  
 Mud System: Mud Co, Brad Bortz, Engineer  
 DSTs: Tribble Testing  
 Logged by Superior Well Services.  
 LTD - 5180'.

**DSTs**

DST #1 4522 to 4625' Times 30-60-60-120 Mississippi  
 1st Opening - Strong Blow, BOB 1 1/2 minutes, no blow back  
 2nd Opening - Strong Blow, BOB 2 seconds, GTS 45 minutes, TSTM, no blow back.  
 Recovery, 65' Drilling Mud, Slightly Gassy.  
 IFP 31-58# FFP 42-45#  
 ISIP 994# FSP 1065#  
 IHP 2180# FHP 2170#  
 Temp 122

**CREWS**

Hardt Drilling, Inc Rig #1  
 Tool Pusher - Scott Adelhardt  
 Drillers - Days - Steve Myers  
 Evening - Jody Divine  
 Morning - Billy Maas

**ROCK TYPES**

Anhy	Congl	Lmst	Black sh
Bent	Sdy dolo	Mrlst	Gry sh
Brec	Shy dolo	Carlst	Shale
Cht	Dol	Slstst	Shylstst
Clyst	Gyp	Sstst	Sitysh
Coal	Sdy lmst	Ss	

**ACCESSORIES**

MINERAL Anhy	Chlorite	Pelc	Grysh
MINERAL Arg	Dol	Pellet	Grylst
MINERAL Bent	Sand	Pisolite	Lms
MINERAL Bit	Sly	Plant	Sandylms
MINERAL Brefrac		Strom	Sh
MINERAL Calc		Fuss	Shstn
MINERAL Carb		Oomoldic	
MINERAL Chtkt			
MINERAL Glau			
MINERAL Marl			
MINERAL Nodule			
MINERAL Phos			
MINERAL Pyr			
MINERAL Salt			
MINERAL Sandy			
MINERAL Silt			

