

ORIGINAL

KANSAS CORPORATION COMMISSION  
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 # 6037  
Name: Staab Oil Company  
Address 1: 1607 Hopewell Road  
Address 2: \_\_\_\_\_  
City: Hays State: KS Zip: 67601 + \_\_\_\_\_  
Contact Person: Francis C. Staab  
Phone: (785) 625-5013  
CONTRACTOR: License # 5184  
Name: Shields Drilling  
Wellsite Geologist: Randy Killian  
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, Expt., 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 #: \_\_\_\_\_  
9-20-11 9-29-11  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 051-26187 . 00 . 00  
Spot Description: \_\_\_\_\_  
SE SE NW NE Sec. 5 Twp. 13 S. R. 19  East  West  
1,140 Feet from  North /  South Line of Section  
1,400 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Ellis  
Lease Name: Slaughter Well #: 1  
Field Name: Wildcat  
Producing Formation: None  
Elevation: Ground: 2161 Kelly Bushing: 2166  
Total Depth: 3896 Plug Back Total Depth: \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at: 218 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: DRY  
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. \_\_\_\_\_  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

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INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.  
Signature: Francis C. Staab  
Title: Partner Date: 10-24-11

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: PLA Dlg Date: 11/4/11

Operator Name: Staab Oil Company Lease Name: Slaughter Well #: 1  
 Sec. 5 Twp. 13 S. R. 19  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: Micro N.D.I. DI	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%;">Name</td> <td style="width:33%;">Top</td> <td style="width:33%;">Datum</td> </tr> <tr> <td>Anh 1501</td> <td>Cong Sand</td> <td>3807-1641</td> </tr> <tr> <td>Base 1546</td> <td>Arbuckle</td> <td>3832-1666</td> </tr> <tr> <td>Topeka</td> <td>3192-1026</td> <td></td> </tr> <tr> <td>Heebner SH</td> <td>3431-1265</td> <td></td> </tr> <tr> <td>Toronto</td> <td>3456-1291</td> <td></td> </tr> <tr> <td>Lansing</td> <td>3475-1309</td> <td></td> </tr> <tr> <td>BKC</td> <td>3721-1555</td> <td></td> </tr> <tr> <td>Marmathon</td> <td>3761-1595</td> <td></td> </tr> </table>	Name	Top	Datum	Anh 1501	Cong Sand	3807-1641	Base 1546	Arbuckle	3832-1666	Topeka	3192-1026		Heebner SH	3431-1265		Toronto	3456-1291		Lansing	3475-1309		BKC	3721-1555		Marmathon	3761-1595	
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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
Surface Pipe	12 1/2	8 5/8	20	218	Common	150	

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				

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
	DRY		

TUBING RECORD: Size: <u>NONE</u> Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbts.	Gas Mcf	Water Bbts. 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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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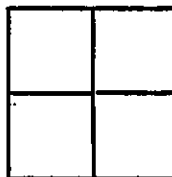
# Shields

Russell, Kansas

## WELL LOG

Operator: Staab Oil Company  
 Well: Slaughter #1  
 Commenced: 9-20-2011  
 Completed: 9-29-2011  
 Contractor: Shields Drilling Co.

Well Description: 1,140' FNL, 1,400' FEL  
 NE/4 Sec. 5-13S-19W  
 Ellis Co., KS



### CASING RECORD

Size	Run	Pulled
8 5/8"	218'	Cmtd. w/150 sax

Elevation: 2,066 K.B.

Treatment:

Production: D & A

Tops:

..... Figures Indicate Bottom of Formations .....

Sand & shale	750'	
Sand	835'	
Sand & redbed	1,499'	
Anhydrite	1,545'	
Redbed & shale	1,805'	
Shale	2,850'	
Shale & lime	3,150'	
Lime	3,812'	
Arbuckle	3,896'	RTD

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**CONSOLIDATED**  
Oil Well Services, LLC

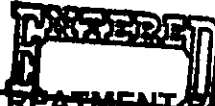
PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

TICKET NUMBER 28241

LOCATION Oakley

FOREMAN Kelly Gabel



DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
9-29-11	7732	slaughter #1	5	135	19 <sup>w</sup>	Ellis
CUSTOMER		Yocemento				
MAILING ADDRESS		3 N 1W				
CITY		Sinto				
STATE		ZIP CODE				
TRUCK #	DRIVER	TRUCK #	DRIVER			
399	Miles S					
566	Cecil P					

JOB TYPE PTA HOLE SIZE 7 7/8 HOLE DEPTH 3896 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: safety meeting, Rigged up on shields drilling, mixed cement plugs and displaced down, cleaned up pumps + lines, Rigged down and left location.

*Thank you  
Kelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405 N	1	PUMP CHARGE	1250 <sup>00</sup>	1250 <sup>00</sup>
5406	30	MILEAGE	5 <sup>00</sup>	150 <sup>00</sup>
1131	245 SKS	60/40 P02	14 <sup>35</sup>	3515 <sup>75</sup>
118B	862#	Bentonite	24	206 <sup>88</sup>
1107	61#	Flo-seal	2 <sup>60</sup>	162 <sup>20</sup>
5407A	10.28	Ton Mileage delivery	15 <sup>8</sup>	510 <sup>90</sup>
4432	1	8 5/8 Warden Plug	96 <sup>00</sup>	96 <sup>00</sup>
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				5891 <sup>79</sup>
				589 <sup>17</sup>
				5302 <sup>62</sup>
				244643
				Lead 10/20 disc.
				SALES TAX 225,71
				ESTIMATED TOTAL 5528,33
				DATE 9-29-11

Ravin 3737

AUTHORIZATION \_\_\_\_\_ TITLE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

# ALLIED CEMENTING CO., LLC. 038290

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

SERVICE POINT  
Russell KS.

DATE <u>9-22-2011</u>	SEC. <u>5</u>	TWP. <u>13 S</u>	RANGE <u>19 W</u>	CALLED OUT	ON LOCATION	JOB START <u>4:30 AM</u>	JOB FINISH <u>5:00 AM</u>
LEASE <u>Slayhill Well #1</u>	WELL # <u>#1</u>	LOCATION <u>Hays KS T-70 Cement</u>			COUNTY <u>ELLIS</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		EXIT <u>2 N 1/4 S. 17 T. 13 S. R. 19 W.</u>					

CONTRACTOR Shield Dwg. Rig #1

TYPE OF JOB Cement SURFACE

HOLE SIZE 12 1/4 T.D. 221

CASING SIZE 8 5/8 DEPTH 218

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13.10 / BBL

EQUIPMENT

OWNER

CEMENT AMOUNT ORDERED 160 SY Comm

3% C.C.

2% GEL

COMMON	<u>160</u>	@ <u>16.25</u>	<u>2600.00</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>5</u>	@ <u>58.20</u>	<u>291.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>16.8</u>	@ <u>2.25</u>	<u>378.00</u>
MILEAGE	<u>11.16/mile</u>	@ <u>10</u>	<u>111.60</u>
TOTAL			<u>3517.55</u>

PUMP TRUCK CEMENTER Glenn

# 417 HELPER Woody

BULK TRUCK

# 378 DRIVER MARK

BULK TRUCK

# DRIVER

REMARKS:  
Ran 5 New JTS OFR Speed (20 #)  
Set @ 218' Received Circulation  
& Cement w/ 160 sy Comm 3% 21  
Release Plug & Displace 13 BBL  
Shut in @ 800 #.  
Cement DD Circulate to Surface

THANK'S

CHARGE TO: STAAB Oil Company

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1125.00</u>
EXTRA FOOTAGE		@	
MILBAGE	<u>20</u>	@ <u>7.00</u>	<u>140.00</u>
MANIFOLD		@	
		@	
<u>102</u>	<u>20</u>	@ <u>4.00</u>	<u>80.00</u>
TOTAL			<u>1345.00</u>

PLUG & FLOAT EQUIPMENT

<u>8 5/8 Wiper Plug</u>	@		<u>NA</u>
	@		
	@		
	@		
	@		
TOTAL			

To Allied Cementing Co., 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 Thomas J Engel

SIGNATURE Thomas J Engel

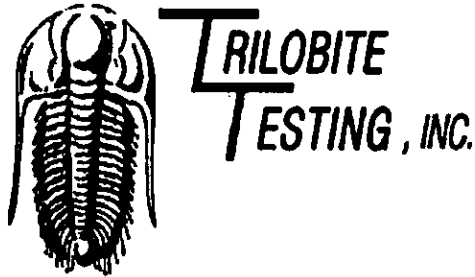
SALES TAX (If Any)

TOTAL CHARGES 4862.55

DISCOUNT 50/20 IF PAID IN 30 DAYS

Surface

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## DRILL STEM TEST REPORT

Prepared For: **Staab Oil Company**

1607 Hopewell Road  
Hays, KS 67601

ATTN: Randy Kilian

### Slaughter #1

### 5-13s-19w-Ellis,KS

Start Date: 2011.09.27 @ 13:02:01

End Date: 2011.09.27 @ 18:46:16

Job Ticket #: 43488                      DST #: 1

Trilobite Testing, Inc

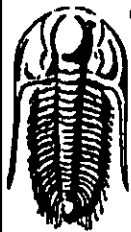
PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

# ORIGINAL

Printed: 2011.10.06 @ 13:41:02

Staab Oil Company  
5-13s-19w-Ellis,KS  
Slaughter #1  
DST # 1  
C-F  
2011.09.27



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Staab Oil Company

5-13s-19w-Ellis, KS

1607 Hopewell Road  
Hays, KS 67601

Slaughter #1

Job Ticket: 43488

DST#: 1

ATTN: Randy Kilian

Test Start: 2011.09.27 @ 13:02:01

## GENERAL INFORMATION:

Formation: C-F

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:51:01

Time Test Ended: 18:46:16

Test Type: Conventional Bottom Hole (Initial)

Tester: Jason McLemore

Unit No: 54

Interval: 3468.00 ft (KB) To 3570.00 ft (KB) (TVD)

Total Depth: 3570.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2165.00 ft (KB)

2160.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8673

Inside

Press@RunDepth: 31.70 psig @ 3566.00 ft (KB)

Start Date: 2011.09.27

End Date:

2011.09.27

Start Time: 13:02:03

End Time:

18:46:16

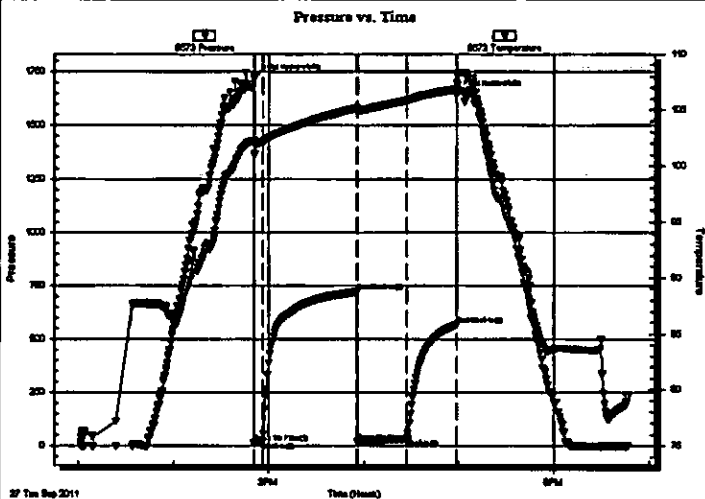
Capacity: 8000.00 psig

Last Calib.: 2011.09.27

Time On Btrr: 2011.09.27 @ 14:50:31

Time Off Btrr: 2011.09.27 @ 16:58:31

TEST COMMENT: IFF-Weak Blow, Built to 1/2"  
ISI-Dead  
FFP-Dead for 15 Min., Then Weak Surface Blow  
FSI-Dead



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1718.27	102.22	Initial Hydro-static
1	16.20	101.05	Open To Flow (1)
6	19.06	102.15	Shut-In(1)
65	720.73	105.18	End Shut-In(1)
66	20.83	104.82	Open To Flow (2)
97	31.70	105.86	Shut-In(2)
128	566.72	106.90	End Shut-In(2)
128	1646.86	107.46	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	0.05

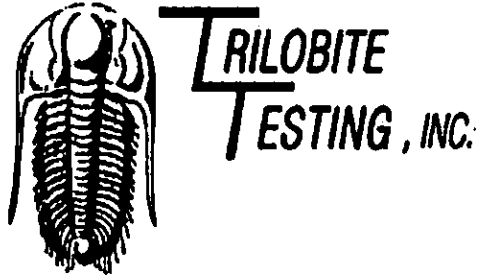
## Gas Rates

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

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## DRILL STEM TEST REPORT

Prepared For: **Staab Oil Company**

1607 Hopewell Road  
Hays, KS 67601

ATTN: Randy Kilian

### **Slaughter #1**

### **5-13s-19w-Ellis,KS**

Start Date: 2011.09.28 @ 23:01:15

End Date: 2011.09.29 @ 08:18:45

Job Ticket #: 43489                      DST #: 2

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620

Printed: 2011.10.06 @ 13:41:29

Staab Oil Company  
5-13s-19w-Ellis,KS  
Slaughter #1  
DST # 2  
J-K-L  
2011.09.28





**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Staab Oil Company  
1607 Hopewell Road  
Hays, KS 67601  
ATTN: Randy Kilian

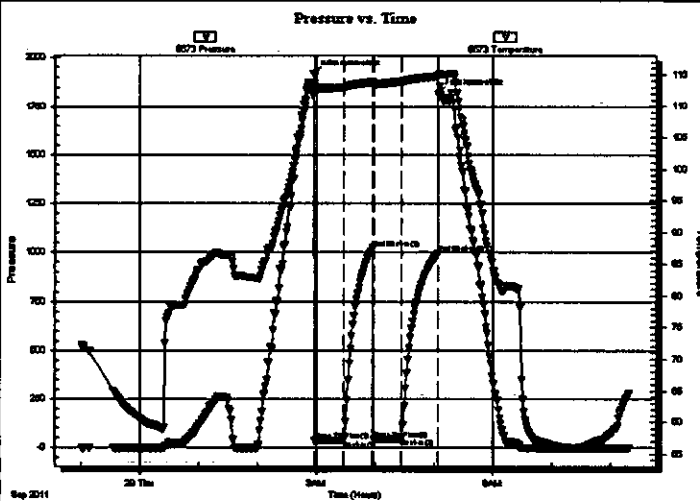
**5-13s-19w-Ellis,KS**  
**Slaughter #1**  
Job Ticket: 43489      **DST#: 2**  
Test Start: 2011.09.28 @ 23:01:15

### GENERAL INFORMATION:

Formation: **J-K-L**  
Deviated: **No** Whipstock:                      ft (KB)  
Time Tool Opened: 02:57:45  
Time Test Ended: 08:18:45  
Interval: **3645.00 ft (KB) To 3715.00 ft (KB) (TVD)**  
Total Depth: **3893.00 ft (KB) (TVD)**  
Hole Diameter: **7.88 inches** Hole Condition: **Good**  
Test Type: **Conventional Straddle (Reset)**  
Tester: **Jason McLemore**  
Unit No: **54**  
Reference Elevations: **2165.00 ft (KB)**  
**2160.00 ft (CF)**  
KB to GR/CF: **5.00 ft**

**Serial #: 8673**      **Inside**  
Press@RunDepth: **44.45 psig @ 3686.00 ft (KB)**      Capacity: **8000.00 psig**  
Start Date: **2011.09.28**      End Date: **2011.09.29**      Last Calib.: **2011.09.29**  
Start Time: **23:01:17**      End Time: **08:18:45**      Time On Btm: **2011.09.29 @ 02:57:15**  
Time Off Btm: **2011.09.29 @ 05:04:30**

TEST COMMENT: IFP-Weak Blow, Built to 1/2"  
ISI-Dead  
FFP-Dead  
FSI-Dead



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1918.36	113.44	Initial Hydro-static
1	35.12	112.80	Open To Flow (1)
30	38.19	113.05	Shut-In(1)
61	1024.49	113.83	End Shut-In(1)
61	41.27	113.49	Open To Flow (2)
90	44.45	113.91	Shut-In(2)
127	994.92	114.73	End Shut-In(2)
128	1819.14	115.00	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	Drilling Mud	0.02

\* Recovery from multiple tests

### Gas Rates

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