



KANSAS CORPORATION COMMISSION 1162911
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 # _____

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
- Conv. to GSW
- Plug Back: _____ Plug Back Total Depth _____
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

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

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

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total 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

- Letter of Confidentiality Received
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1162911

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i> 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
_____ 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: 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
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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> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1034

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Horvitz

DATE <u>6/6/13</u>	SEC. <u>18</u>	TWP. <u>09</u>	RANGE <u>27</u>	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE <u>Horvitz</u>	WELL #. <u>3-18</u>	LOCATION <u>Ⓟ</u>			COUNTY <u>SA</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR W W G

TYPE OF JOB Surgon

HOLE SIZE 17 1/4 T.D. 261

CASING SIZE 8 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS

DISPLACEMENT

OWNER Dan Haffner

CEMENT AMOUNT ORDERED 225

EQUIPMENT

PUMP TRUCK CEMENTER Scott/Cody/24

HELPER

BULK TRUCK DRIVER

DRIVER

BULK TRUCK DRIVER

DRIVER

COMMON 725 @ 154

POZMIX @

GEL 4 @ 26

CHLORIDE 8 @ 52

ASC @

HANDLING @

MILEAGE .11158/mile @

TOTAL

REMARKS:

Plug Down @ 9:45 PM

Circ Cement to Pt

CHARGE TO: Dan Haffner

STREET

CITY Horvitz STATE KS ZIP 67740

Schippers Oil Field Services, L.L.C.,
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 Jayson Richardson

SIGNATURE Jayson Richardson

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE 1482 @

MANIFOLD 2110 1482 @

TOTAL

PLUG & FLOAT EQUIPMENT

@

@

@

@

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

SCHIPPER'S OIL FIELD SERVICES, L.L.C.

1042

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT:
Hoxie, KS

DATE <u>6-13-13</u>	SEC. <u>18</u>	TWP. <u>9</u>	RANGE <u>27</u>	CALLED OUT	ON LOCATION	JOB START <u>2:15 pm</u>	JOB FINISH <u>2:15 pm</u>
LEASE <u>hoxie par</u>	WELL #. <u>3-18</u>	LOCATION <u>Hoxie, KS 75 3E N10</u>			COUNTY <u>Sheldon</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR W W Drilling
 TYPE OF JOB Bitum Plug
 HOLE SIZE _____ T.D. _____
 CASING SIZE _____ DEPTH _____
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS _____
 DISPLACEMENT _____

EQUIPMENT
 PUMP TRUCK CEMENTER Heath
 # 01 HELPER Coody
 BULK TRUCK
 # 01 DRIVER Jay
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
1st plug @ 2350' = 255x
2nd plug @ 1500' = 1005x
3rd plug @ 310' = 405x
Come out of hole and top set with
3 7/8 plug and 105x 305x RH

CHARGE TO: Don MacGraw
 STREET _____
 CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
 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 Jaym Buchanan
 SIGNATURE J. Buchanan

OWNER
 CEMENT AMOUNT ORDERED 2055x 60/40 4% gel
 COMMON 123x @ 45.50 4762.50
 POZMIX 200x @ 4.50 900.00
 GEL 200 @ 7.15 1430.00
 CHLORIDE @ _____
 ASC @ _____
 HANDLING 2105x @ 42.00 88410.00
 MILEAGE 111/100 @ _____ 4271.90
 TOTAL _____

SERVICE
 DEPTH OF JOB _____
 PUMP TRUCK CHARGE _____ 1,200.00
 EXTRA FOOTAGE @ _____
 MILEAGE 111/100 @ 42.50 4727.50
 MANIFOLD 500 105x @ 4.00 2000.00
 TOTAL _____

PLUG & FLOAT EQUIPMENT
3 7/8 dry plug @ 455.00 455.00
 TOTAL _____

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dan Haffner
RR 2 Box 49
Hoxie KS 67740
ATTN: Rich Bell

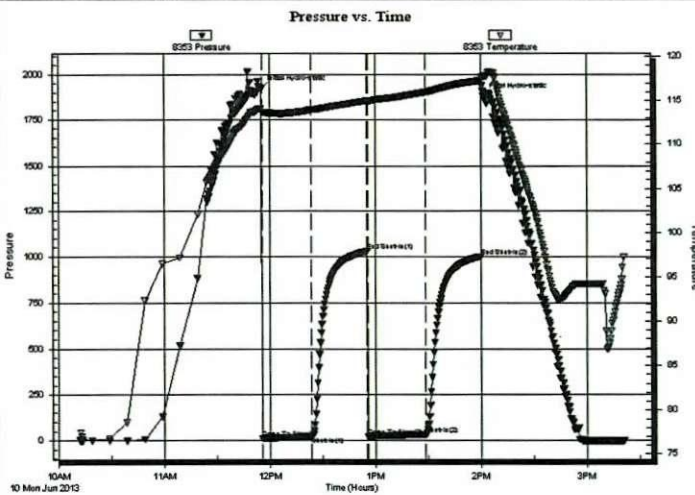
18-9s-27w Sheridan,KS
Haffner #3-18
Job Ticket: 50681 **DST#: 1**
Test Start: 2013.06.10 @ 10:12:00

GENERAL INFORMATION:

Formation: **Toronto-Lan A**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 11:55:45
Time Test Ended: 15:21:00
Interval: **3833.00 ft (KB) To 3885.00 ft (KB) (TVD)**
Total Depth: 3885.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Wilbur Steinbeck
Unit No: 68
Reference Elevations: 2751.00 ft (KB)
2746.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8353 Outside
Press@RunDepth: 31.92 psig @ 3834.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.06.10 End Date: 2013.06.10 Last Calib.: 2013.06.10
Start Time: 10:12:15 End Time: 15:21:00 Time On Btm: 2013.06.10 @ 11:55:15
Time Off Btm: 2013.06.10 @ 14:01:15

TEST COMMENT: 30 IF; Surface Blow
30 IS; No Blow
30 FF; No Blow
30 FS; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1919.44	114.08	Initial Hydro-static
1	12.25	113.65	Open To Flow (1)
29	21.58	113.92	Shut-In(1)
60	1030.43	114.98	End Shut-In(1)
61	23.50	114.86	Open To Flow (2)
93	31.92	115.98	Shut-In(2)
125	1001.67	117.30	End Shut-In(2)
126	1881.20	117.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dan Haffner
RR 2 Box 49
Hoxie KS 67740
ATTN: Rich Bell

18-9s-27w Sheridan,KS
Haffner #3-18
Job Ticket: 50682 **DST#: 2**
Test Start: 2013.06.11 @ 00:55:00

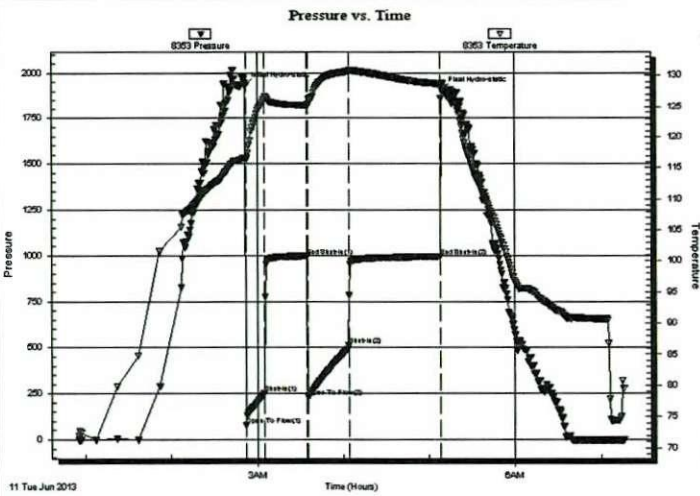
GENERAL INFORMATION:

Formation: **LKC C,D,E,F**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 02:52:15 Tester: Wilbur Steinbeck
Time Test Ended: 07:16:00 Unit No: 68

Interval: **3889.00 ft (KB) To 3953.00 ft (KB) (TVD)** Reference Elevations: 2751.00 ft (KB)
Total Depth: 3953.00 ft (KB) (TVD) 2746.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8353 Outside
Press@RunDepth: 514.08 psig @ 3890.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.06.11 End Date: 2013.06.11 Last Calib.: 2013.06.11
Start Time: 00:55:15 End Time: 07:16:00 Time On Btm: 2013.06.11 @ 02:51:45
Time Off Btm: 2013.06.11 @ 05:09:15

TEST COMMENT: 15 IF; BOB in 5 min
30 IS; No Blow
30 FF; BOB 4 min
60 FS; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.25	116.57	Initial Hydro-static
1	80.24	116.14	Open To Flow (1)
13	249.59	126.19	Shut-In(1)
43	996.87	125.13	End Shut-In(1)
44	233.23	124.96	Open To Flow (2)
72	514.08	130.67	Shut-In(2)
136	993.71	128.64	End Shut-In(2)
138	1904.74	128.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	WM 35%W 65%M	3.26
722.00	MW 15%M 85%W	10.13

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Dan Haffner
RR 2 Box 49
Hoxie KS 67740
ATTN: Rich Bell

18-9s-27w Sheridan,KS
Haffner #3-18
Job Ticket: 50683 **DST#: 3**
Test Start: 2013.06.11 @ 19:46:00

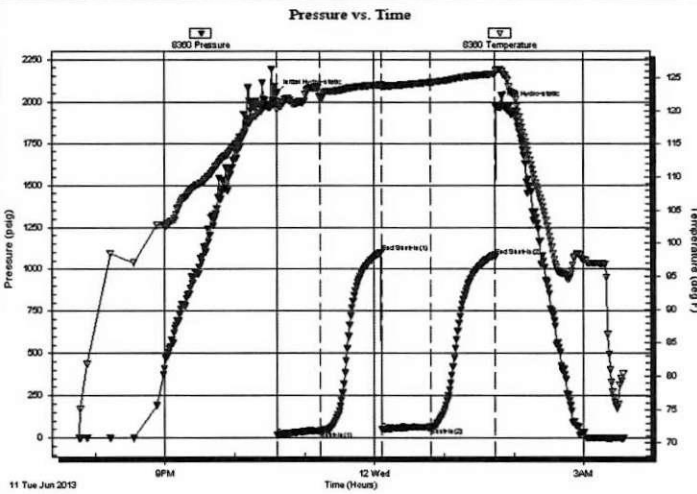
GENERAL INFORMATION:

Formation: **LKC I-K**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 22:36:30 Tester: Wilbur Steinbeck
Time Test Ended: 03:34:00 Unit No: 68

Interval: **4014.00 ft (KB) To 4078.00 ft (KB) (TVD)** Reference Elevations: 2751.00 ft (KB)
Total Depth: 4078.00 ft (KB) (TVD) 2746.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 5.00 ft

Serial #: 8360 Inside
Press@RunDepth: 66.92 psig @ 4015.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2013.06.11 End Date: 2013.06.12 Last Calib.: 2013.06.12
Start Time: 19:46:15 End Time: 03:34:00 Time On Btm: 2013.06.11 @ 22:36:00
Time Off Btm: 2013.06.12 @ 01:44:30

TEST COMMENT: 45 IF; Built to 1 1/2"
45 ISI; No Blow
45 FF; Built to 1"
45 FSI; No Blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2046.90	121.46	Initial Hydro-static
1	15.17	120.21	Open To Flow (1)
37	43.08	122.10	Shut-In(1)
90	1101.77	123.89	End Shut-In(1)
91	49.80	123.68	Open To Flow (2)
132	66.92	124.29	Shut-In(2)
188	1074.35	125.54	End Shut-In(2)
189	1980.96	126.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
90.00	OCM 30%O 70%M	0.44
2.00	Free Oil	0.01

* Recovery from multiple tests

Gas Rates

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