



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1213350
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: _____

1213350

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. 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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

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 <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Ashworth 1
Doc ID	1213350

All Electric Logs Run

Computer Processed Interpretation
Dual Compensated Porosity
Dual Induction
Borehole Compensated
Microresistivity

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Ashworth 1
Doc ID	1213350

Tops

Name	Top	Datum
Base Anhydrite	963	
Heebner	3387	
Toronto	3405	
Douglas	3423	
Brown Lime	3499	
Lansing	3509	
Base Kansas City	3719	
Viola	3854	
Simpson Sand	3916	
Arbuckle	3971	

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

1190

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE <u>1-17-14</u>	SEC. <u>3</u>	TWP. <u>22</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30am</u>	JOB FINISH <u>1:30am</u>
LEASE <u>Khawath</u>	WELL #. <u>1</u>	LOCATION			COUNTY	STATE	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR <u>Southwind #1</u>	OWNER
TYPE OF JOB <u>Long Sucker</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>963</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>963</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>500psi</u>	MINIMUM <u>100psi</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>48.98</u>	
PERFS	
DISPLACEMENT <u>58 1/2 bbl</u>	
EQUIPMENT	
PUMP TRUCK # <u>P1</u>	CEMENTER <u>Heath</u>
	HELPER <u>Lady</u>
BULK TRUCK # <u>B1</u>	DRIVER <u>Mark</u>
BULK TRUCK #	DRIVER

CEMENT AMOUNT ORDERED <u>45000 com 3%CC</u>	
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC	@
HANDLING	@
MILEAGE	@
TOTAL	

REMARKS:

Run 23.115 of 8 3/8 casing and bonding
Est Circulation
mixed water - shut down released plug
and disp 58 1/2 bbl H₂O - plug landed @
500psi - circulated 5058 to Pit
Cement did circulate to

CHARGE TO: HOB Petro
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 K.L. Thompson
SIGNATURE K.L. Thompson

SERVICE

DEPTH OF JOB	
PUMP TRUCK CHARGE	
EXTRA FOOTAGE	@
MILEAGE	@
MANIFOLD	@
TOTAL	

PLUG & FLOAT EQUIPMENT

<u>2 - 8 3/8 baskets</u>	@
<u>1 - Baffle Plate</u>	@
<u>1 - Rubber Plug</u>	@
TOTAL	

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

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

1196

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS Horie, KS

DATE <u>1-23-14</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>10:45am</u>	JOB FINISH <u>11:45am</u>
LEASE <u>A. Inac-th</u>	WELL # <u>1</u>	LOCATION				COUNTY <u>Pawnee</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (CIRCLE ONE)							

CONTRACTOR Southwell #1

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4055'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

OWNER _____

CEMENT AMOUNT ORDERED 2105# 60/40 4% gel 14" Flo

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK _____ CEMENTER Heath

01 HELPER Cooley

BULK TRUCK _____

B3 DRIVER _____

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

1st Plug @ 3970 = 505#

2nd Plug @ 490 = 505#

3rd Plug @ 270 = 405#

4th Plug @ 60 = 205#

RH = 205# MH = 205#

CHARGE TO: HAB Petro

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 _____

SIGNATURE _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

257# dry hole Plug @ _____

_____ @ _____

_____ @ _____

_____ @ _____

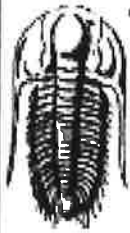
_____ @ _____

TOTAL _____

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS _____



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&B Petroleum Corp.

3-22s-15w Pawnee, KS

P.O. Box 277
Ellinwood KS 67526

Ashworth #1

Job Ticket: 51799

DST#: 1

ATTN: Jim Musgrove

Test Start: 2014.01.22 @ 10:56:51

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:51

Time Test Ended: 17:33:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **3867.00 ft (KB) To 3960.00 ft (KB) (TVD)**

Total Depth: 3960.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1983.00 ft (KB)

1973.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: 67.33 psig @ 3868.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.22

End Date:

2014.01.22

Last Calib.: 2014.01.22

Start Time: 10:56:56

End Time:

17:33:05

Time On Btm: 2014.01.22 @ 12:40:51

Time Off Btm: 2014.01.22 @ 15:05:21

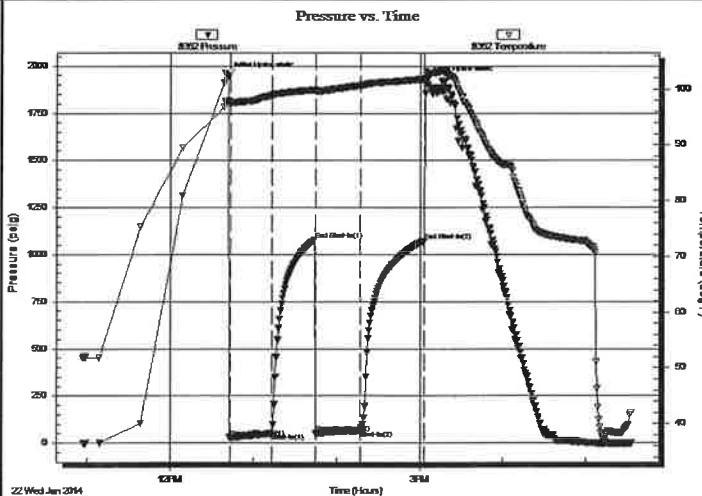
TEST COMMENT: IF: Fair blow . Increase to 8 - 9".

IS: No blow .

FF: Weak to fair blow . Increase to 6 - 7".

FSI: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1946.06	97.87	Initial Hydro-static
2	28.51	97.48	Open To Flow (1)
33	51.13	98.90	Shut-In(1)
64	1077.86	99.87	End Shut-In(1)
64	51.04	99.57	Open To Flow (2)
97	67.33	100.66	Shut-In(2)
142	1072.67	101.78	End Shut-In(2)
145	1929.12	102.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	35 ft. of GIP	0.00
50.00	GOCM 13%g 11%o 76%m	0.70
65.00	GOCM 10%g 20%o 70%m	0.91

Gas Rates

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

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

1190

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE <u>1-17-14</u>	SEC. <u>3</u>	TWP. <u>22</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30am</u>	JOB FINISH <u>1:30am</u>
LEASE <u>Khawath</u>	WELL #. <u>1</u>	LOCATION			COUNTY	STATE	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR <u>Southwind #1</u>	OWNER
TYPE OF JOB <u>Long Sackoe</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>963</u>
CASING SIZE <u>8 3/8</u>	DEPTH <u>963</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>500psi</u>	MINIMUM <u>100psi</u>
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>48.98</u>	
PERFS	
DISPLACEMENT <u>58 1/2 bbl</u>	

CEMENT		
AMOUNT ORDERED <u>45000 com 3%CC</u>		
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
HANDLING	@	
MILEAGE		
		TOTAL

EQUIPMENT	
PUMP TRUCK # <u>P1</u>	CEMENTER <u>Heath</u>
	HELPER <u>Lady</u>
BULK TRUCK # <u>B1</u>	DRIVER <u>Mark</u>
BULK TRUCK #	DRIVER

REMARKS:

Run 23.115 of 8 3/8 casing and bonding
Est Circulation
mixed water - shut down released plug
and disp 58 1/2 bbl H₂O - plug landed @
500psi. - Circulated 5058 to Pit
Cement did circulate to

CHARGE TO: HOB Petro
STREET _____
CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
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PRINTED NAME K.L. Thompson
SIGNATURE K.L. Thompson

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		
EXTRA FOOTAGE	@	
MILEAGE	@	
MANIFOLD	@	
	@	
	@	
		TOTAL

PLUG & FLOAT EQUIPMENT

<u>2 - 8 3/8 baskets</u>	@	
<u>1 - Bastille Plate</u>	@	
<u>1 - Rubber Plug</u>	@	
	@	
	@	
		TOTAL

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

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

1196

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Horie, KS

DATE <u>1-23-14</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>10:45am</u>	JOB FINISH <u>11:45am</u>
LEASE <u>A. Inac-th</u>	WELL # <u>1</u>	LOCATION			COUNTY <u>Pawnee</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR Southwell #1 OWNER _____

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4055'

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS _____

DISPLACEMENT _____

CEMENT AMOUNT ORDERED 2105# 60/40 4% gel

14" Flo

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK _____ CEMENTER Heath

01 HELPER Carly

BULK TRUCK _____

B3 DRIVER _____

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

1st Plug @ 3970 = 505'

2nd Plug @ 490 = 505'

3rd Plug @ 270 = 405'

4th Plug @ 60 = 205'

RH = 205' MH = 205'

CHARGE TO: HAB Petro

STREET _____

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SERVICE

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PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

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257# dry hole Plug @ _____

_____ @ _____

_____ @ _____

_____ @ _____

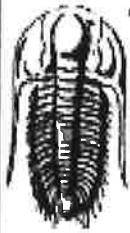
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**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&B Petroleum Corp.

3-22s-15w Pawnee, KS

P.O. Box 277
Ellinwood KS 67526

Ashworth #1

Job Ticket: 51799

DST#: 1

ATTN: Jim Musgrove

Test Start: 2014.01.22 @ 10:56:51

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Time Test Ended: 17:33:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

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Total Depth: 3960.00 ft (KB) (TVD)

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Reference Elevations: 1983.00 ft (KB)

1973.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: 67.33 psig @ 3868.00 ft (KB)

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Start Date: 2014.01.22

End Date:

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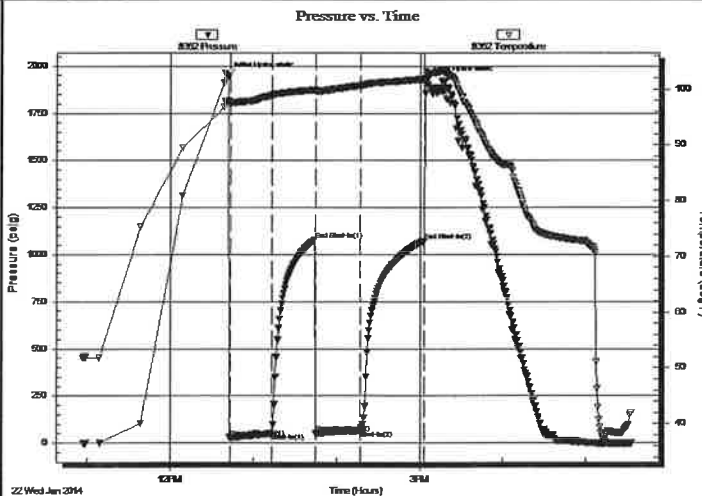
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TUBING SIZE	DEPTH
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DISPLACEMENT <u>58 1/2 bbl</u>	

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POZMIX	@	
GEL	@	
CHLORIDE	@	
ASC	@	
HANDLING	@	
MILEAGE		
		TOTAL

EQUIPMENT	
PUMP TRUCK # <u>P1</u>	CEMENTER <u>Heath</u>
	HELPER <u>Lady</u>
BULK TRUCK # <u>B1</u>	DRIVER <u>Mark</u>
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PRINTED NAME K.L. Thompson
SIGNATURE K.L. Thompson

SERVICE

DEPTH OF JOB		
PUMP TRUCK CHARGE		
EXTRA FOOTAGE	@	
MILEAGE	@	
MANIFOLD	@	
	@	
	@	
		TOTAL

PLUG & FLOAT EQUIPMENT

<u>2 - 8 5/8 baskets</u>	@	
<u>1 - Baffle Plate</u>	@	
<u>1 - Rubber Plug</u>	@	
	@	
	@	
		TOTAL

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

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

1196

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Horie, KS

DATE <u>1-23-14</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>10:45am</u>	JOB FINISH <u>11:45am</u>
LEASE <u>A. Inac-th</u>	WELL # <u>1</u>	LOCATION			COUNTY <u>Pawnee</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR Southwell #1

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 T.D. 4055'

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS

DISPLACEMENT

OWNER _____

CEMENT AMOUNT ORDERED 2105# 60/40 4% gel

14" Flo

EQUIPMENT

PUMP TRUCK CEMENTER Heath

01 HELPER Carly

BULK TRUCK DRIVER

B3

BULK TRUCK DRIVER

COMMON @ _____

POZMIX @ _____

GEL @ _____

CHLORIDE @ _____

ASC @ _____

HANDLING @ _____

MILEAGE @ _____

TOTAL _____

REMARKS:

1st Plug @ 3970 = 505'

2nd Plug @ 490 = 505'

3rd Plug @ 270 = 405'

4th Plug @ 60 = 205'

RH = 205' MH = 205'

CHARGE TO: HAB Petro

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 _____

SIGNATURE _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

MANIFOLD @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

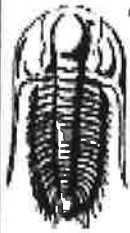
2578 dry hole Plug @ _____

TOTAL _____

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

H&B Petroleum Corp.

3-22s-15w Pawnee, KS

P.O. Box 277
Ellinwood KS 67526

Ashworth #1

Job Ticket: 51799

DST#: 1

ATTN: Jim Musgrove

Test Start: 2014.01.22 @ 10:56:51

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:51

Time Test Ended: 17:33:06

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 56

Interval: **3867.00 ft (KB) To 3960.00 ft (KB) (TVD)**

Total Depth: 3960.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 1983.00 ft (KB)

1973.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8352

Inside

Press@RunDepth: 67.33 psig @ 3868.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.01.22

End Date:

2014.01.22

Last Calib.: 2014.01.22

Start Time: 10:56:56

End Time:

17:33:05

Time On Btm: 2014.01.22 @ 12:40:51

Time Off Btm: 2014.01.22 @ 15:05:21

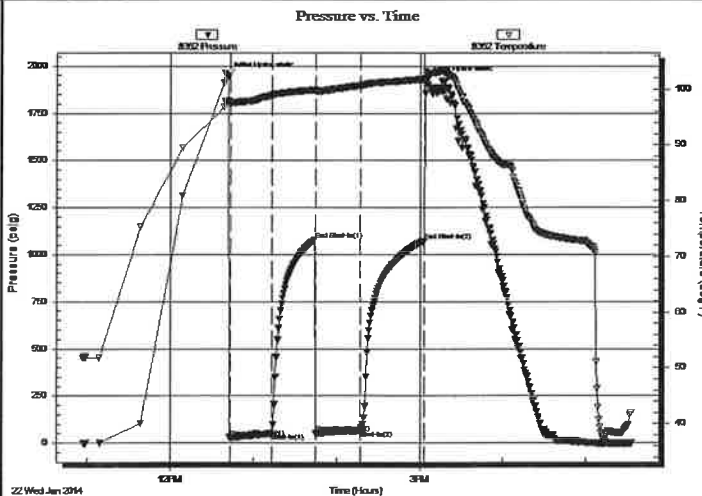
TEST COMMENT: IF: Fair blow . Increase to 8 - 9".

IS: No blow .

FF: Weak to fair blow . Increase to 6 - 7".

FSI: No blow .

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1946.06	97.87	Initial Hydro-static
2	28.51	97.48	Open To Flow (1)
33	51.13	98.90	Shut-In(1)
64	1077.86	99.87	End Shut-In(1)
64	51.04	99.57	Open To Flow (2)
97	67.33	100.66	Shut-In(2)
142	1072.67	101.78	End Shut-In(2)
145	1929.12	102.62	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	35 ft. of GIP	0.00
50.00	GOCM 13%g 11%o 76%m	0.70
65.00	GOCM 10%g 20%o 70%m	0.91

Gas Rates

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