

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

CEMENT		
AMOUNT ORDERED <u>45000 com 3%CC</u>		
<u>29000</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. J. Heath</u>	WELL # <u>1</u>	LOCATION			COUNTY <u>Lawrence</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (CIRCLE ONE)							

CONTRACTOR Southwest #1 OWNER _____

TYPE OF JOB Running Plug

HOLE SIZE 1 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 _____

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 _____

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PRINTED NAME _____

SIGNATURE _____

CEMENT AMOUNT ORDERED 2105' 60/40 4% gel

14" Flo

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE _____ @ _____

MILEAGE _____ @ _____

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

PSA Dry hole Plug @ _____

_____ @ _____

_____ @ _____

_____ @ _____

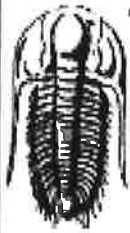
_____ @ _____

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)**

Reference Elevations: 1983.00 ft (KB)

Total Depth: 3960.00 ft (KB) (TVD)

1973.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

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

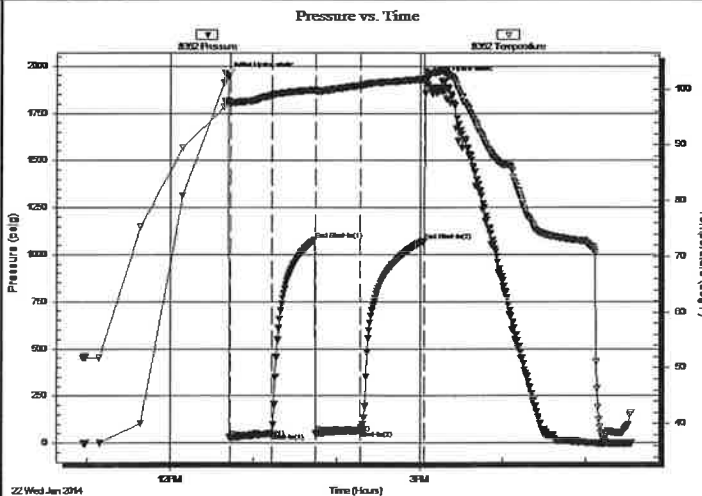
TEST COMMENT: IF: Fair blow . Increase to 8 - 9".

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)