

**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

H&B Petroleum Corp.

21-18s-31w Scott,KS

P.O Box 277
Ellinwood, KS 67526

JPB #1

Job Ticket: 55665

DST#: 1

ATTN: Clint Musgrove

Test Start: 2013.12.16 @ 03:36:00

GENERAL INFORMATION:

Formation: **LKC "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:23:30

Time Test Ended: 11:33:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 64

Interval: 4150.00 ft (KB) To 4180.00 ft (KB) (TVD)

Total Depth: 4180.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2953.00 ft (KB)

2941.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8845

Outside

Press@RunDepth: 68.75 psig @ 4151.00 ft (KB)

Start Date: 2013.12.16

End Date:

2013.12.16

Start Time: 03:36:05

End Time:

11:33:44

Capacity: 8000.00 psig

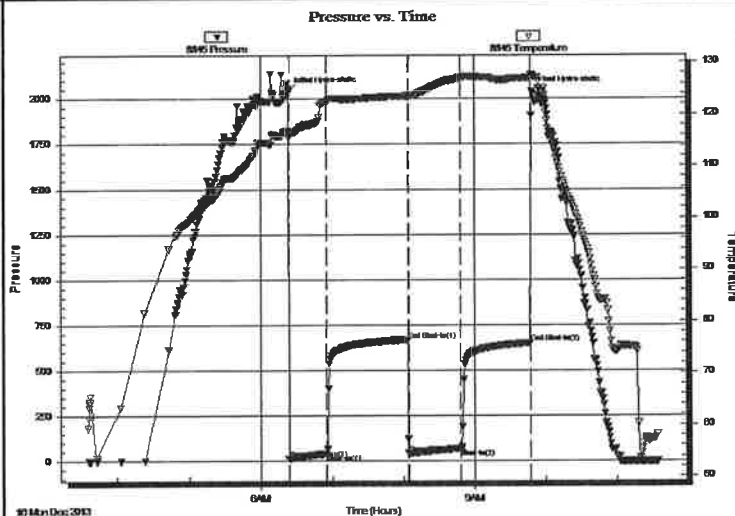
Last Calib.: 2013.12.16

Time On Btm: 2013.12.16 @ 06:23:15

Time Off Btm: 2013.12.16 @ 09:48:30

TEST COMMENT: IF: 4 1/4" Blow.
IS: No Return.
FF: 4" Blow.
FS: No Return.

PRESSURE SUMMARY



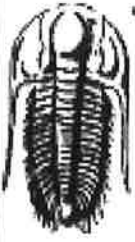
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2042.29	116.71	Initial Hydro-static
1	11.07	115.49	Open To Flow (1)
32	39.56	122.50	Shut-In(1)
101	666.16	123.52	End Shut-In(1)
101	41.06	123.36	Open To Flow (2)
146	68.75	127.07	Shut-In(2)
204	650.17	126.98	End Shut-In(2)
206	2040.13	127.44	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	OWCM 20o 30w 50m	1.68
5.00	Clean Oil 100o	0.07

Gas Rates

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



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DRILL STEM TEST REPORT

H&B Petroleum Corp.

21-18s-31w Scott,KS

P.O Box 277
Ellinwood, KS 67526

JPB #1

Job Ticket: 55666

DST#: 2

ATTN: Clint Musgrove

Test Start: 2013.12.17 @ 06:10:00

GENERAL INFORMATION:

Formation: **LKC " L "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:01:00

Time Test Ended: 11:53:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: **4251.00 ft (KB) To 4294.00 ft (KB) (TVD)**

Reference Elevations: 2953.00 ft (KB)

Total Depth: 4294.00 ft (KB) (TVD)

2941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8845

Outside

Press@RunDepth: 16.55 psig @ 4252.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.17

End Date: 2013.12.17

Last Calib.: 2013.12.17

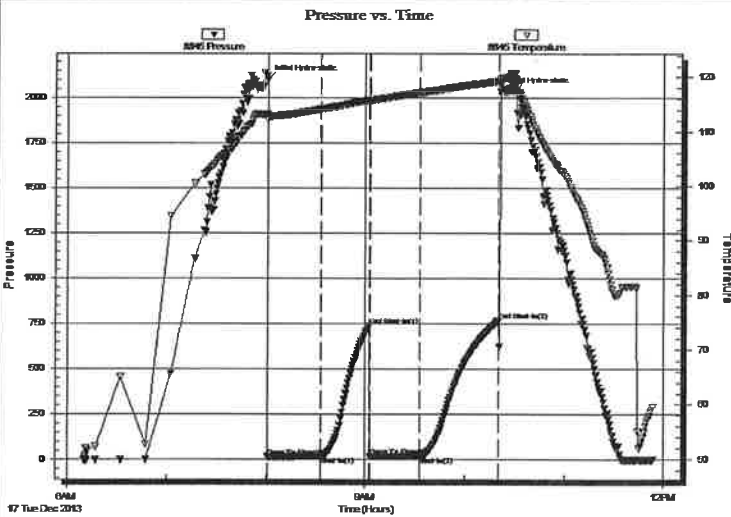
Start Time: 06:10:05

End Time: 11:53:44

Time On Btm: 2013.12.17 @ 08:00:45

Time Off Btm: 2013.12.17 @ 10:21:00

TEST COMMENT: IF: 1" Blow.
IS: No Return.
FF: No Blow.
FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2100.78	113.26	Initial Hydro-static
1	13.45	112.10	Open To Flow (1)
33	15.34	114.11	Shut-In(1)
62	737.21	115.81	End Shut-In(1)
62	15.86	115.62	Open To Flow (2)
92	16.55	117.13	Shut-In(2)
139	766.69	119.24	End Shut-In(2)
141	2034.49	119.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil Scum on Top)	0.07

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

H&B Petroleum Corp.

21-18s-31w Scott,KS

P.O Box 277
Ellinwood, KS 67526

JPB #1

Job Ticket: 55667

DST#: 3

ATTN: Clint Musgrove

Test Start: 2013.12.17 @ 23:37:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:42:00

Time Test Ended: 07:29:45

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4279.00 ft (KB) To 4357.00 ft (KB) (TVD)

Total Depth: 4357.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2953.00 ft (KB)

2941.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8845

Outside

Press@RunDepth: 40.05 psig @ 4280.00 ft (KB)

Start Date: 2013.12.17

End Date: 2013.12.18

Capacity: 8000.00 psig

Last Calib.: 2013.12.18

Start Time: 23:37:05

End Time: 07:29:44

Time On Btm: 2013.12.18 @ 01:41:30

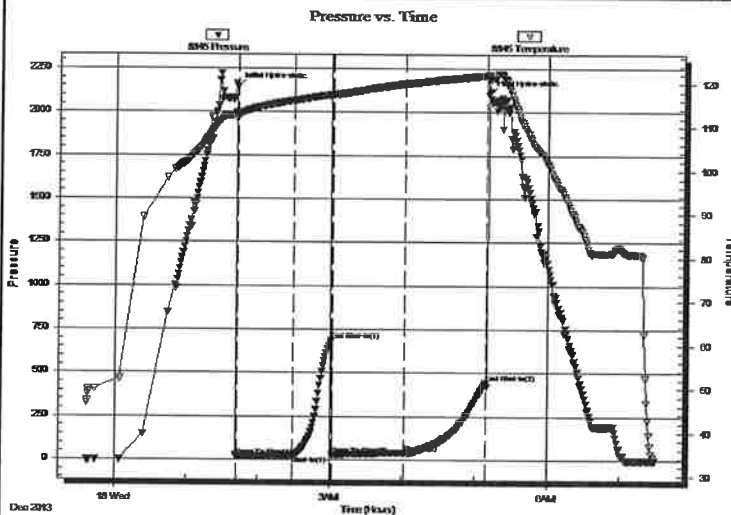
Time Off Btm: 2013.12.18 @ 05:10:30

TEST COMMENT: IF: 6" Blow.

ISI: No Return.

FF: 2 3/4" Blow.

FSI: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2142.68	113.29	Initial Hydro-static
1	16.65	112.78	Open To Flow (1)
48	25.34	116.10	Shut-In(1)
80	686.37	117.39	End Shut-In(1)
80	26.25	117.33	Open To Flow (2)
141	40.05	119.96	Shut-In(2)
208	444.07	121.88	End Shut-In(2)
209	2098.88	122.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	OCM 40o 60m	0.84

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

H&B Petroleum Corp.

21-18s-31w Scott,KS

P.O Box 277
Ellinwood, KS 67526

JPB #1

Job Ticket: 55668

DST#: 4

ATTN: Clint Musgrove

Test Start: 2013.12.19 @ 01:41:00

GENERAL INFORMATION:

Formation: **Marmaton " C "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:06:45

Time Test Ended: 08:45:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: **4366.00 ft (KB) To 4481.00 ft (KB) (TVD)**

Total Depth: 4481.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2953.00 ft (KB)

2941.00 ft (CF)

KB to GR/CF: 12.00 ft

Serial #: 8845

Outside

Press@RunDepth: 16.12 psig @ 4367.00 ft (KB)

Start Date: 2013.12.19

End Date: 2013.12.19

Start Time: 01:41:05

End Time: 08:44:59

Capacity: 8000.00 psig

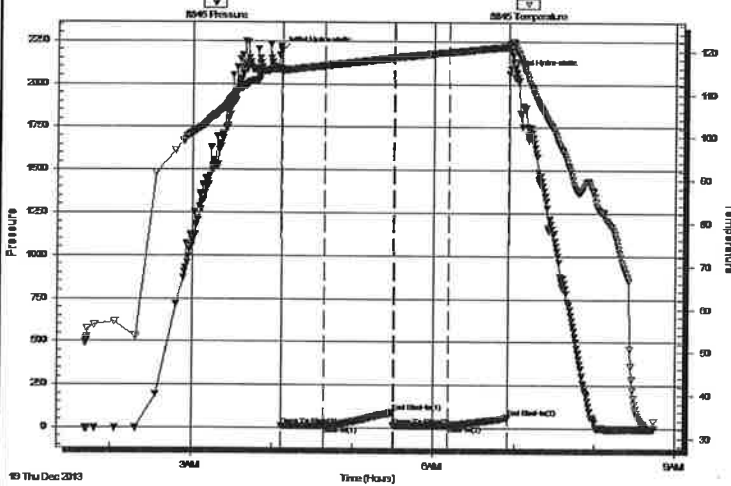
Last Calib.: 2013.12.19

Time On Btm: 2013.12.19 @ 04:06:15

Time Off Btm: 2013.12.19 @ 06:55:45

TEST COMMENT: IF: 1/4" Blow died back to a Weak Surface Blow.
IS: No Return.
FF: No Blow.
FSI: No Return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2193.26	115.83	Initial Hydro-static
1	12.50	115.15	Open To Flow (1)
33	13.25	116.58	Shut-In(1)
84	95.29	118.44	End Shut-In(1)
84	13.49	118.43	Open To Flow (2)
125	16.12	119.75	Shut-In(2)
169	62.24	121.04	End Shut-In(2)
170	2063.04	121.68	Final Hydro-static

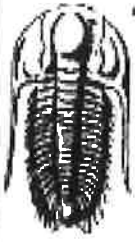
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100m (Oil spots on top)	0.07

* Recovery from multiple tests

Gas Rates

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



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DRILL STEM TEST REPORT

H&B Petroleum Corp.

21-18s-31w Scott,KS

P.O Box 277
Ellinwood, KS 67526

JPB #1

Job Ticket: 55669

DST#: 5

ATTN: Clint Musgrove

Test Start: 2013.12.20 @ 00:22:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:15:00

Time Test Ended: 07:59:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: 4476.00 ft (KB) To 4573.00 ft (KB) (TVD)

Reference Elevations: 2953.00 ft (KB)

Total Depth: 4573.00 ft (KB) (TVD)

2941.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 12.00 ft

Serial #: 8845

Outside

Press@RunDepth: 22.51 psig @ 4477.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.12.20

End Date:

2013.12.20

Last Calib.: 2013.12.20

Start Time: 00:22:05

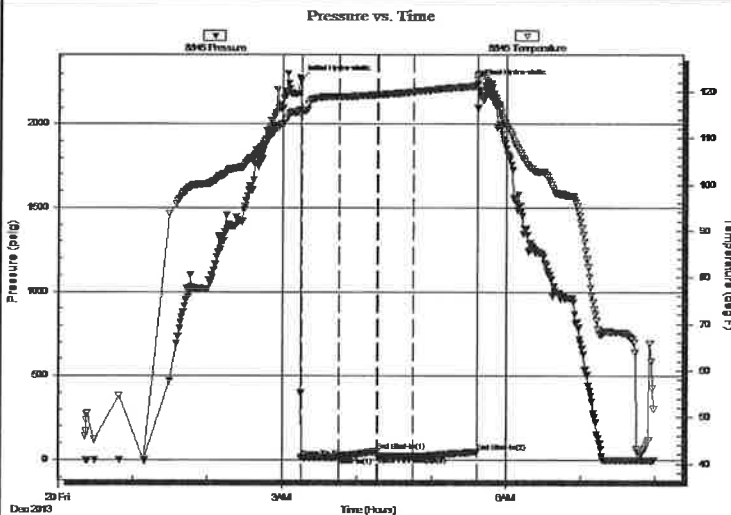
End Time:

07:58:59

Time On Btm: 2013.12.20 @ 03:14:30

Time Off Btm: 2013.12.20 @ 05:36:30

TEST COMMENT: IF: 1" Blow.
IS: No Return.
FF: 1 1/2" Blow.
FS: No Return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.10	116.06	Initial Hydro-static
1	12.61	115.45	Open To Flow (1)
31	15.59	118.89	Shut-In(1)
62	52.73	119.27	End Shut-In(1)
63	20.14	119.31	Open To Flow (2)
91	22.51	120.03	Shut-In(2)
142	48.34	121.19	End Shut-In(2)
142	2242.14	122.63	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
30.00	OCM 15o 85m	0.42

* Recovery from multiple tests

Gas Rates

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

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

1169

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - Home, KS

DATE <u>12-10-13</u>	SEC. <u>21</u>	TWP. <u>18</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00pm</u>	JOB FINISH <u>5:00pm</u>
LEASE <u>JPB</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (CIRCLE ONE)							

CONTRACTOR <u>Southwind #70</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>437</u>
CASING SIZE <u>8 5/8</u>	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG. <u>2047</u>	
PERFS	
DISPLACEMENT	

CEMENT AMOUNT ORDERED <u>250 sq com 3%CC</u>	
<u>2%gel</u>	
COMMON _____	@ _____
POZMIX _____	@ _____
GEL _____	@ _____
CHLORIDE _____	@ _____
ASC _____	@ _____
	@ _____
	@ _____
	@ _____
	@ _____
	@ _____
	@ _____
	@ _____
HANDLING _____	@ _____
MILEAGE _____	
	TOTAL _____

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

REMARKS:
Rent 115 of 8" casing and loading it
est + circulation with mud pump
hook up and m. 250 sq. shut down
release plug and disp. 25 bbl of H₂O.
Cement + oil circulate to surface

CHARGE TO: H&B Petro
 STREET _____
 CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
 You are hereby requested to rent cementing equipment and furnish cement 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. Thank You.

PRINTED NAME Samuel S. Thomas
 SIGNATURE Samuel S. Thomas

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

PLUG & FLOAT EQUIPMENT	
<u>8" Plug</u>	@ _____
	@ _____
	@ _____
	@ _____
	@ _____
	TOTAL _____

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

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

1177

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS - No. 12

DATE <u>12-22-13</u>	SEC. <u>21</u>	TWP. <u>18</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>12:15pm</u>	JOB FINISH <u>1:15pm</u>
LEASE <u>JPB</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Scott</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR Southwind 70
 TYPE OF JOB Long Str. log
 HOLE SIZE 4 1/2" T.D. 4700.00
 CASING SIZE 4 1/2" DEPTH 2907.99
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL Hacker Shoe DEPTH 2907.99
 PRES. MAX 1500psi MINIMUM 100psi
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG. 13.40'
 PERFS
 DISPLACEMENT 46 1/2 bbl

EQUIPMENT
 PUMP TRUCK CEMENTER Heath
 # 11 HELPER Cody
 BULK TRUCK
 # 13 DRIVER Mark
 BULK TRUCK
 # 14 DRIVER Heath

REMARKS:
Ran 70 Hrs of 4 1/2 casing and landing it
0.5% Circulation for 30 min and mixed 350s, 60/100 6% gel
to bed in with 150s com 10% salt 2% gel 2% plaster
Shut down - released plug and washed pump end
100s clean - disp 46 1/2 bbl H2O plug tested @
1 stops - released and held - plugged RH = 30s

Cement Did Circulate to Surface!
 CHARGE TO: HPB Petro
 STREET _____
 CITY _____ STATE _____ ZIP _____

Schippers Oil Field Services, L.L.C.,
 You are hereby requested to rent cementing equipment and furnish cement 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 [Signature]

OWNER
 CEMENT AMOUNT ORDERED 380s 60/140 6% gel
150s com 10% salt 2% gel 2% plaster
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

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

PLUG & FLOAT EQUIPMENT
1 - 4 1/2 packer shoe @ _____
5 - 4 1/2 trucks @ _____
3 - 4 1/2 baskets @ _____
1 - 4 1/2 LD and plug @ _____
 _____ @ _____
 TOTAL _____

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

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

1188

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell US - Horie, KS

DATE <u>1-15-14</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>9:00am</u>	JOB FINISH <u>10:00am</u>
LEASE <u>JAB</u>	WELL #. <u>1</u>	LOCATION			COUNTY <u>Scott</u>	STATE <u>KS</u>	
<input checked="" type="radio"/> OLD OR NEW (CIRCLE ONE)							

CONTRACTOR CO Tools
 TYPE OF JOB Squeeze
 HOLE SIZE _____ T.D. _____
 CASING SIZE 5 7/8 DEPTH _____
 TUBING SIZE 2 3/8 DEPTH 2150
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. _____
 PERFS _____
 DISPLACEMENT _____

EQUIPMENT _____
 PUMP TRUCK _____ CEMENTER Heath
 # P1 HELPER Cody
 BULK TRUCK _____ DRIVER Mark
 # B3 DRIVER _____
 BULK TRUCK _____ DRIVER _____
 # _____ DRIVER _____

REMARKS:
Ran tubing down to 2650' - pressure back side to 500ps - Held - Est rate down tubing 4bpm @ 470ps - mix 1500 and wash pump and lines clean 1/2 hr 9 1/2 bbl pressure up to 1000ps - washed tubing clean and pressure up to 500ps. Shut in

CHARGE TO: HQB 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. Thank you,

PRINTED NAME Milo Hernandez
 SIGNATURE Milo Hernandez

OWNER _____
 CEMENT AMOUNT ORDERED 1500y.com
 COMMON _____ @ _____
 POZMIX _____ @ _____
 GEL _____ @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING _____ @ _____
 MILEAGE _____ @ _____
 TOTAL _____

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

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 TOTAL _____

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