



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1242811
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: _____



1242811

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 <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 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
<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: <input type="checkbox"/> Yes <input type="checkbox"/> No
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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 <i>(Explain)</i> _____
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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> <input type="checkbox"/> Other <i>(Specify)</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	Howard 9
Doc ID	1242811

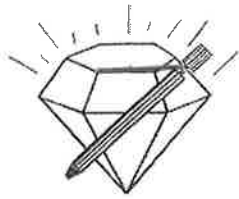
All Electric Logs Run

Dual Induction
Dual Compensated Porosity
Microresistivity
BHC Sonic

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Howard 9
Doc ID	1242811

Tops

Name	Top	Datum
Anhydrite	511	
Heebner	2906	
Toronto	2924	
Douglas	2938	
Brown Lime	3031	
Lansing	3050	
Base Kansas City	3276	
Arbuckle	3291	



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
Howard9DST1

Company H & B Petroleum Corporation Lease & Well No. Howard No. 9
Elevation 1775 GL Formation Lansing "A - C" Effective Pay _____ Ft. Ticket No. POC
Date 12-17-14 Sec. 8 Twp. 20S Range 11W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative _____ Michael Carroll

Formation Test No. 1 Interval Tested from 3,031 ft. to 3,088 ft. Total Depth 3,088 ft.
Packer Depth 3,026 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,031 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,019 ft. Recorder Number 5950 Cap. 5,000
Bottom Recorder Depth (Outside) 3,068 ft. Recorder Number 30046 Cap. 6,000
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____

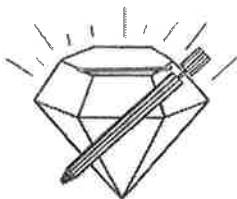
Drilling Contractor Southwind Drilling, Inc. - Rig 8 Drill Collar Length _____ ft I.D. _____
Mud Type Chemical Viscosity 62 Weight Pipe Length _____ ft I.D. _____
Weight 8.7 Water Loss 7.2 cc. Drill Pipe Length 3,006 ft I.D. 3 1/2
Chlorides 1,000 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2
Jars: Make Sterling Serial Number Not Run Anchor Length 26' perf. w/ 31' drill pipe Size 4 1/2-FI
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-X

Blow: 1st Open: 1/4 in. blow increasing to 10 ins. in 30 mins. Weak, surface blow back during shut-in.

2nd Open: 1/4 in. blow increasing to 8 1/2 ins. in 45 mins. No blow back during shut-in.

Recovered 66 ft. of gas in pipe
Recovered 60 ft. of watery mud = .853800 bbls. (Grind out: 45%-water; 55%-mud)
Recovered 126 ft. of mud cut water w/ a small trace of oil = 1.792980 bbls. (Grind out: 81%-water; 19%-mud)
Recovered 186 ft. of TOTAL FLUID = 2.646780 bbls.
Recovered _____ ft. of _____
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 100%-water (Chlorides: 57,000 Ppm PH: 7.0 RW: .24 @ 26°)

Time Set Packer(s) 11:50 A.M. Time Started off Bottom 2:20 P.M. Maximum Temperature 95°
Initial Hydrostatic Pressure.....(A) 1433 P.S.I.
Initial Flow Period.....Minutes 30 (B) 10 P.S.I. to (C) 55 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 181 P.S.I.
Final Flow Period.....Minutes 45 (E) 57 P.S.I. to (F) 96 P.S.I.
Final Closed In Period.....Minutes 45 (G) 175 P.S.I.
Final Hydrostatic Pressure.....(H) 1429 P.S.I.



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
Howard9DST2

Company H & B Petroleum Corporation Lease & Well No. Howard No. 9
Elevation 1775 GL Formation Lansing "D - F" Effective Pay _____ Ft. Ticket No. P003
Date 12-18-14 Sec. 8 Twp. 20S Range 11W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative Michael Carroll

Formation Test No. 2 Interval Tested from 3,080 ft. to 3,132 ft. Total Depth 3,132 ft.
Packer Depth 3,075 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,080 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,068 ft. Recorder Number 5950 Cap. 5,000 gals.
Bottom Recorder Depth (Outside) 3,114 ft. Recorder Number 30046 Cap. 6,000 gals.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ gals.

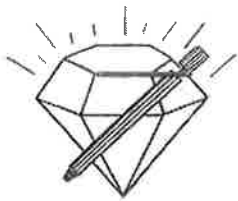
Drilling Contractor Southwind Drilling, Inc. - Rig 8 Drill Collar Length _____ ft. I.D. _____
Mud Type Chemical Viscosity 66 Weight Pipe Length _____ ft. I.D. _____
Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 3,055 ft. I.D. 3 1/2
Chlorides 3,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF
Jars: Make Sterling Serial Number Not Run Anchor Length 21' perf. w/ 31' drill pipe Size 4 1/2-FH
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH

Blow: 1st Open: 1 in. blow increasing. Off bottom of bucket in 1 1/2 mins. Weak, 1/2 in. blow back during shut-in.
2nd Open: 2 in. blow increasing. Off bottom of bucket in 1 1/4 mins. Strong, 8 in. blow back during shut-in.

Recovered 1,636 ft. of gas in pipe
Recovered 254 ft. of gassy, oil cut watery mud = 3.614420 bbls. (Grind out: 12%-gas; 8%-gassy oil; 38%-water; 42%-mud)
Recovered 63 ft. of heavy gas cut, muddy water = .896490 bbls. (Grind out: 35%-gas; 55%-water; 10%-mud)
Recovered 189 ft. of gas & mud cut water = 2.689470 bbls. (Grind out: 1%-gas; 96%-water; 3%-mud) Chlorides: 81,000 Ppm PH: 7.0 RW: .12 @
Recovered 506 ft. of TOTAL FLUID = 7.200380 bbls.

Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: Unavailable - due to shut-in tool full of cuttings.

Time Set Packer(s) 3:36 A.M. Time Started off Bottom 6:21 A.M. Maximum Temperature 100°
Initial Hydrostatic Pressure.....(A) 1444 P.S.I.
Initial Flow Period.....Minutes 30 (B) 37 P.S.I. to (C) 154 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 334 P.S.I.
Final Flow Period.....Minutes 45 (E) 184 P.S.I. to (F) 239 P.S.I.
Final Closed In Period.....Minutes 60 (G) 338 P.S.I.
Final Hydrostatic Pressure.....(H) 1448 P.S.I.



DIAMOND TESTING, LLC
 P.O. Box 157
HOISINGTON, KANSAS 67544
 (620) 653-7550 • (800) 542-7313
 Howard9DST3

Company H & B Petroleum Corporation Lease & Well No. Howard No. 9
 Elevation 1775 GL Formation Arbuckle Effective Pay Ft. Ticket No. P0035
 Date 12-19-14 Sec. 8 Twp. 20S Range 11W County Barton State Kansas
 Test Approved By James C. Musgrove Diamond Representative Michael Carroll

Formation Test No. 3 Interval Tested from 3,256 ft. to 3,305 ft. Total Depth 3,305 ft.
 Packer Depth 3,251 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Packer Depth 3,256 ft. Size 6 3/4 in. Packer Depth ft. Size in.
 Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,244 ft. Recorder Number 5950 Cap. 5,000 psi.
 Bottom Recorder Depth (Outside) 3,290 ft. Recorder Number 30046 Cap. 6,000 psi.
 Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

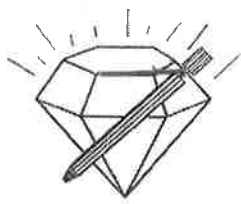
Drilling Contractor Southwind Drilling, Inc. - Rig 8 Drill Collar Length ft I.D. in.
 Mud Type Chemical Viscosity 54 Weight Pipe Length ft I.D. in.
 Weight 9.3 Water Loss 8.8 cc. Drill Pipe Length 3,231 ft I.D. 3 1/2 in.
 Chlorides 6,000 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2-IF in.
 Jars: Make Sterling Serial Number Not Run Anchor Length 18' perf. w/ 31' drill pipe Size 4 1/2-FH in.
 Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
 Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: Weak, surface blow increasing to 3 ins. in 30 mins. No blow back during shut-in.
 2nd Open: Weak, surface blow increasing to 2 1/4 ins. in 45 mins. No blow back during shut-in.

Recovered 137 ft. of gas in pipe
 Recovered 8 ft. of clean oil = .113840 bbls. (Grind out: 100%-oil) Gravity: 40 @ 60°
 Recovered 44 ft. of oil cut, watery mud = .626120 bbls. (Grind out: 5%-oil; 20%-water; 75%-mud)
 Recovered 52 ft. of TOTAL FLUID = .739960 bbls.

Recovered ft. of
 Recovered ft. of
 Remarks Tool Sample Grind Out: 4%-oil; 36%-water; 60%-mud (Chlorides: 19,000 Ppm PH: 7.0 RW: .46 @ 30°)

Time Set Packer(s) 8:38 A.M. Time Started off Bottom 11:08 A.M. Maximum Temperature 95°
 Initial Hydrostatic Pressure.....(A) 1528 P.S.I.
 Initial Flow Period.....Minutes 30 (B) 10 P.S.I. to (C) 23 P.S.I.
 Initial Closed In Period.....Minutes 30 (D) 1051 P.S.I.
 Final Flow Period.....Minutes 45 (E) 22 P.S.I. to (F) 33 P.S.I.
 Final Closed In Period.....Minutes 45 (G) 1052 P.S.I.
 Final Hydrostatic Pressure.....(H) 1531 P.S.I.



DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
Howard9DST4

Company H & B Petroleum Corporation Lease & Well No. Howard No. 9
Elevation 1775 GL Formation Arbuckle Effective Pay _____ Ft. Ticket No. P0036
Date 12-19-14 Sec. 8 Twp. 20S Range 11W County Barton State Kansas
Test Approved By James C. Musgrove Diamond Representative Michael Carroll

Formation Test No. 4 Interval Tested from 3,305 ft. to 3,315 ft. Total Depth 3,315 ft.
Packer Depth 3,300 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Packer Depth 3,305 ft. Size 6 3/4 in. Packer Depth _____ ft. Size _____ in.
Depth of Selective Zone Set _____ ft.

Top Recorder Depth (Inside) 3,293 ft. Recorder Number 5950 Cap. 5,000 psi.
Bottom Recorder Depth (Outside) 3,306 ft. Recorder Number 30046 Cap. 6,000 psi.
Below Straddle Recorder Depth _____ ft. Recorder Number _____ Cap. _____ psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 8 Drill Collar Length _____ ft. I.D. _____ in.
Mud Type Chemical Viscosity 49 Weight Pipe Length _____ ft. I.D. _____ in.
Weight 9.6 Water Loss 10.4 cc. Drill Pipe Length 3,280 ft. I.D. 3 1/2 in.
Chlorides 10,000 P.P.M. Test Tool Length 25 ft. Tool Size 3 1/2-IF in.
Jars: Make Sterling Serial Number Not Run Anchor Length 10 ft. Size 4 1/2-FH in.
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2-XH in.

Blow: 1st Open: 1/4 in. blow increasing. Off bottom of bucket in 14 3/4 mins. Weak, 1/2 in. blow back during shut-in.
2nd Open: 1 in. blow increasing. Off bottom of bucket in 23 mins. Weak, surface blow back during shut-in.

Recovered 139 ft. of gas in pipe
Recovered 236 ft. of clean oil = 3.358280 bbls. (Grind out: 100%-oil) Gravity: 37.5 @ 60°
Recovered 3 ft. of gassy, mud & water cut oil = .042690 bbls. (Grind out: 25%-gas; 52%-oil; 13%-water; 10%-mud)
Recovered 63 ft. of gas & oil cut, muddy water = .896490 bbls. (Grind out: 5%-gas; 10%-oil; 50%-water; 35%-mud) Chlorides: 15,000 Ppm PH: 7.0 RW: .60 @ 36°
Recovered 302 ft. of TOTAL FLUID = 4.297460 bbls.
Recovered _____ ft. of _____
Remarks Tool Sample Grind Out: 100%-oil

Time Set Packer(s) 9:08 P.M. Time Started off Bottom 11:38 P.M. Maximum Temperature 104°
Initial Hydrostatic Pressure.....(A) 1557 P.S.I.
Initial Flow Period.....Minutes 30 (B) 13 P.S.I. to (C) 64 P.S.I.
Initial Closed In Period.....Minutes 30 (D) 1140 P.S.I.
Final Flow Period.....Minutes 45 (E) 68 P.S.I. to (F) 120 P.S.I.
Final Closed In Period.....Minutes 45 (G) 1143 P.S.I.
Final Hydrostatic Pressure.....(H) 1546 P.S.I.

GLOBAL CEMENTING, L.L.C.

1559

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE <u>10-14-2014</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>2:00 AM</u>
LEASE <u>Houma</u>	WELL #. <u>9</u>	LOCATION			COUNTY <u>Wagoner</u>	STATE <u>KS</u>	
OLD OR NEW (CIRCLE ONE)							

CONTRACTOR SOUTH WIND RIG #8

TYPE OF JOB _____

HOLE SIZE 12 1/4 T.D. 402.19

CASING SIZE 9 5/8 DEPTH 991.00

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 300 SY / 2000 LBS

COMMON _____ @ _____

POZMIX _____ @ _____

GEL _____ @ _____

CHLORIDE _____ @ _____

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING _____ @ _____

MILEAGE _____ @ _____

TOTAL _____

EQUIPMENT

PUMP TRUCK CEMENTER Lynn

11 HELPER Lynn

BULK TRUCK DRIVER Alvin

123 DRIVER _____

BULK TRUCK DRIVER _____

_____ DRIVER _____

REMARKS:

Run in 12 1/4 BBL 1170 - 1170 - 1170

CEMENT 1170 - 1170 - 1170

1170 300 SY / 2000 LBS - 1170 - 1170

DISPLACE w/ 2000 BBL 1170 - 1170

SHUT IN - CEMENT

D/O CIRCULATE

CHARGE TO: H & B Petroleum

STREET _____

CITY _____ STATE _____ ZIP _____

Global Cementing, 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 Donna YTT

SIGNATURE [Signature]

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

GLOBAL CEMENTING, L.L.C.

1572

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE <u>12-21-14</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH <u>5:15pm</u>
LEASE <u>Howard</u>	WELL #.	LOCATION			COUNTY <u>Barber</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (CIRCLE ONE)							

CONTRACTOR Southwind

TYPE OF JOB Longstring Pipe Job

HOLE SIZE 7 7/8 T.D. 3409

CASING SIZE 5 1/2 DEPTH

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX 1500ps MINIMUM 100ps

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 16sf

PERFS

DISPLACEMENT 82.7 bbl

EQUIPMENT

PUMP TRUCK CEMENTER Heath

P1 HELPER Bud

BULK TRUCK

R3 DRIVER Tim

BULK TRUCK

DRIVER

OWNER

CEMENT

AMOUNT ORDERED 150sf com 10% salt
2% gel 2% plaster
4sf 60/40 4% gel

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

REMARKS:

Ran 82 MS of 5 1/2 casing and landing ft
Est Circulation for Job - Hook up and pump
string and flush bottom with 10 bbl water
over 150sf - wash pump and lines clean - Hook
up and disp 82.7 bbl of H2O - 1.5% salt
@ 750ps plug landed @ 1500ps - increased
and float held - plug RH = 30sf MH = 15

CHARGE TO: HBB Petro

STREET

CITY STATE ZIP

Global Cementing, 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 Mike Thompson

SIGNATURE Mike Thompson

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

1 - Accu Shoe @

1 - LD Plug @

7 - Cent @

2 - baskets @

500gal mud float @

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS