Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1283529

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 # 32158
Name: H & B Petroleum Corp.
Address 1: PO BOX 277
Address 2:
City: ELLINWOOD State: KS Zip: 67526 + 0277
Contact Person: Al Hammersmith
Phone: (620) 259-6713
CONTRACTOR: License # 33350
Name: Southwind Drilling, Inc.
Wellsite Geologist: James Musgrove
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 #:

9/22/2015	9/28/2015	9/28/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-185-23944-00-00
Spot Description:
SE - NW - NE - NW Sec. 5 Twp. 21 S. R. 12 ☐ East ☑ West
364 Feet from ☑ North / ☐ South Line of Section
1805 Feet from ☐ East / ☑ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☑ NW ☐ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Stafford
Lease Name: Salem B Well #: 1
Field Name:
Producing Formation: Arbuckle
Elevation: Ground: 1858 Kelly Bushing: 1868
Total Vertical Depth: 3535 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 680 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: 88000 ppm Fluid volume: 1120 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: Bob's Hauling Service, Inc
Lease Name: Siefkes License #: 33779
Quarter NW Sec. 13 Twp. 22 S. R. 12 ☐ East ☑ West
County: Stafford Permit #: D22209

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:** NAOMI JAMES **Date:** 02/10/2016

[redacted] 1283529

Operator Name: H & B Petroleum Corp. Lease Name: Salem B Well #: 1

Sec. 5 Twp. 21 S. R. 12 ☐ East ☑ West County: Stafford

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 ☑ Yes ☐ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Heebner	3070	
Toronto	3089	
Douglas	3106	
Brown Lime	3199	
Lansing	3215	
Cong	3530	

CASING RECORD ☑ New ☐ 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
Surface	12.25	8.625	23	680	Common	400	3%CC 2% gel

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	-	60/40	125	4% gel
	-			

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 *(Amount and Kind of Material Used)*	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:
☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION:
☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*
☐ Other *(Specify)*

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Salem B 1
Doc ID	1283529

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	680	Common	400	3%CC 2% gel

2514

GLOBAL CEMENTING, L.L.C.

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
9-28-15	25	22S	10W				
LEASE Salem B	WELL #. 1		LOCATION			COUNTY Barton	STATE KS
OLD OR NEW (CIRCLE ONE) — NEW circled							

CONTRACTOR Southwind Rig #1
TYPE OF JOB Dry Hole Plug
HOLE SIZE T.D.
CASING SIZE 8 5/8 DEPTH
TUBING SIZE DEPTH
DRILL PIPE 4 1/2 XH DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG.
PERFS
DISPLACEMENT

EQUIPMENT

PUMP TRUCK CEMENTER Brian/Heath
01 HELPER Brad
BULK TRUCK
B4 DRIVER Heath
BULK TRUCK
DRIVER

OWNER

CEMENT
AMOUNT ORDERED 125 sx 60/40 poz
4% gel 1/4 flo

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

REMARKS:

1st - 725' - 50 sx
2nd - 225' - 35 sx
Top off - 10 sx
Mouse - 15 sx
Rat - 30 sx

CHARGE TO: H&B Petroleum
STREET
CITY STATE ZIP

SERVICE

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

PLUG & FLOAT EQUIPMENT

		@		
		@		
		@		
		@		
		@		
		@		
			TOTAL	

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

SIGNATURE

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

2511

GLOBAL CEMENTING, L.L.C.

REMIT TO 18048 170RD
RUSSELL, KS 67665

SERVICE POINT: Russell, KS

DATE 9-23-15	SEC. 5	TWP. 21	RANGE 12W	CALLED OUT	ON LOCATION 12 AM	JOB START 3:30 AM	JOB FINISH 4:30 AM
LEASE Salem B	WELL #. 1	LOCATION				COUNTY Barton	STATE KS
OLD OR NEW (CIRCLE ONE) — NEW circled							

CONTRACTOR Southwind Rig #1
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 682
CASING SIZE 8 5/8 DEPTH 680
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 20'
PERFS
DISPLACEMENT 42 BBL

EQUIPMENT

PUMP TRUCK # P1 CEMENTER Brad
HELPER Jason
BULK TRUCK # B3 DRIVER Woody
BULK TRUCK # DRIVER

OWNER

CEMENT
AMOUNT ORDERED 400 sx com
3% cc 2% gel

COMMON ___ @ ___ ___
POZMIX ___ @ ___ ___
GEL ___ @ ___ ___
CHLORIDE ___ @ ___ ___
ASC ___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
HANDLING ___ @ ___ ___
MILEAGE ___

TOTAL ___

REMARKS:

Run w/ 16 jts 8 5/8 casing - circulate
mud - hook up cement - mix 400sx -
[illegible] wash up + displace
42 BBL H2O - land plug 20' off bottom -
shut in @ 200 PSI - cement did circulate

SERVICE

DEPTH OF JOB ___
PUMP TRUCK CHARGE ___
EXTRA FOOTAGE ___ @ ___ ___
MILEAGE ___ @ ___ ___
MANIFOLD 8 5/8 Deep head @ ___ ___
___ @ ___ ___
___ @ ___ ___

TOTAL ___

CHARGE TO: H+B Petroleum
STREET ___
CITY ___ STATE ___ ZIP ___

PLUG & FLOAT EQUIPMENT

___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___
___ @ ___ ___

TOTAL ___

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 Larry Bean
SIGNATURE [signature]

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

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
SLMB1DST1

Company H & B Petroleum Corporation Lease & Well No. Salem "B" No. 1

Elevation 1858 GL Formation Lansing "A-F" Effective Pay -- Ft. Ticket No. M792

Date 9-26-15 Sec. 5 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Clint Musgrove Diamond Representative Mike Cochran

Formation Test No. 1 Interval Tested from 3,202 ft. to 3,291 ft. Total Depth 3,291 ft

Packer Depth 3,197 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,202 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,184 ft. Recorder Number 5448 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,204 ft. Recorder Number 0063 Cap. 5,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 1

Mud Type Chemical Viscosity 55

Weight 9.0 Water Loss -- cc.

Chlorides -- P.P.M.

Jars: Make Sterling Serial Number Not Run

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 3,177 ft I.D. 3 1/2 in.

Test Tool Length 25 ft Tool Size 3 1/2-IF in.

Anchor Length 25' perf. w/64' drill pipe Size 4 1/2-FH in.

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: Strong, surface blow increasing to 9 ins. No blow back during shut-in.

2nd Open: Weak, surface blow increasing. Off bottom of bucket in 31 mins. No blow back during shut-in.

Recovered 75 ft. of gas in pipe

Recovered 175 ft. of very slightly oil specked, gassy, mud cut water = 2.490250 bbls. (Grind out: 82%-water; 18%-mud w/some gassy bubbles & a very small show of oil up top)

Recovered 175 ft. of TOTAL FLUID = 2.490250 bbls. Chlorides: 40,000 Ppm PH: 7.0 RW: .20 @ 62°

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 40%-water; 60%-mud w/some gassy bubbles

Time Set Packer(s) 2:45 A.M. Time Started off Bottom 5:30 A.M. Maximum Temperature 103°

Initial Hydrostatic Pressure		(A) 1566 P.S.I.		
Initial Flow Period	Minutes 30	(B) 15 P.S.I.	to (C) 43 P.S.I.	
Initial Closed In Period	Minutes 30	(D) 746 P.S.I.		
Final Flow Period	Minutes 45	(E) 56 P.S.I	to (F) 94 P.S.I.	
Final Closed In Period	Minutes 60	(G) 655 P.S.I.		
Final Hydrostatic Pressure		(H) 1542 P.S.I.		

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
SLMB1DST2

Company H & B Petroleum Corporation Lease & Well No. Salem "B" No. 1

Elevation 1858 GL Formation Lansing "H-J" Effective Pay -- Ft. Ticket No. M79

Date 9-26-15 Sec. 5 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Clint Musgrove Diamond Representative Mike Cochran

Formation Test No. 2 Interval Tested from 3,356 ft. to 3,420 ft. Total Depth 3,420 ft

Packer Depth 3,351 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,356 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,345 ft. Recorder Number 5448 Cap. 5,000

Bottom Recorder Depth (Outside) 3,358 ft. Recorder Number 0063 Cap. 5,000

Below Straddle Recorder Depth ft. Recorder Number Cap.

Drilling Contractor Southwind Drilling, Inc. - Rig 1 Drill Collar Length -- ft I.D.

Mud Type Chemical Viscosity 55 Weight Pipe Length -- ft I.D. --

Weight 9.2 Water Loss 8.0 cc. Drill Pipe Length 3,331 ft I.D. 3 1/2

Chlorides 2,000 P.P.M. Test Tool Length 25 ft Tool Size 3 1/2-IF

Jars: Make Sterling Serial Number Not Run Anchor Length 32' perf. w/32' 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: Strong, surface blow increasing. Off bottom of bucket in 8 mins. 2 in. blow back during shut-in.

2nd Open: Strong, surface blow increasing. Off bottom of bucket in 8 mins. 2 in. blow back during shut-in.

Recovered 200 ft. of gas in pipe

Recovered 94 ft. of oil specked, slightly gas cut, muddy water = 1.337620 bbls. (Grind out: 6%-gas; 4%-emulsified oil; 53%-water; 37%-mud)

Recovered 400 ft. of very slightly oil specked, slightly gas & mud cut water = 5.692000 bbls. (Grind out: 1%-gas; 97%-water; 2%-mud w/a few specks of

Recovered 494 ft. of TOTAL FLUID = 7.029620 bbls. Chlorides: 68,000 Ppm PH: 7.0 RW: .17 @

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 2%-gas; 97%-water; 1%-mud w/a very thin scum of oil

Time Set Packer(s) 10:30 P.M. Time Started off Bottom 1:30 A.M. Maximum Temperature 111°

Initial Hydrostatic Pressure.....(A) 1617 P.S.I.

Initial Flow Period.....Minutes 30 (B) 30 P.S.I. to (C) 127 P.S.I.

Initial Closed In Period.....Minutes 45 (D) 885 P.S.I.

Final Flow Period.....Minutes 45 (E) 134 P.S.I to (F) 247 P.S.I.

Final Closed In Period.....Minutes 60 (G) 868 P.S.I.

Final Hydrostatic Pressure.....(H) 1585 P.S.I.

DIAMOND TESTING, LLC
P.O. Box 157
HOISINGTON, KANSAS 67544
(620) 653-7550 • (800) 542-7313
SLMB1DST3

Company H & B Petroleum Corporation Lease & Well No. Salem "B" No. 1

Elevation 1858 GL Formation Arbuckle Effective Pay -- Ft. Ticket No. M794

Date 9-27-15 Sec. 5 Twp. 21S Range 12W County Stafford State Kansas

Test Approved By Clint Musgrove Diamond Representative Mike Cochran

Formation Test No. 3 Interval Tested from 3,420 ft. to 3,530 ft. Total Depth 3.530 ft

Packer Depth 3,415 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,420 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set ft.

Top Recorder Depth (Inside) 3,409 ft. Recorder Number 5448 Cap. 5,000 psi.

Bottom Recorder Depth (Outside) 3,422 ft. Recorder Number 0063 Cap. 5,000 psi.

Below Straddle Recorder Depth ft. Recorder Number Cap. psi.

Drilling Contractor Southwind Drilling, Inc. - Rig 1

Mud Type Chemical Viscosity 49

Weight 9.2 Water Loss 8.8 cc.

Chlorides 5,000 P.P.M.

Jars: Make Sterling Serial Number Not Run

Did Well Flow? No Reversed Out No

Drill Collar Length -- ft I.D. -- in.

Weight Pipe Length -- ft I.D. -- in.

Drill Pipe Length 3,395 ft I.D. 3 1/2 in.

Test Tool Length 25 ft Tool Size 3 1/2-IF in.

Anchor Length 15' perf. w/95' drill pipe Size 4 1/2-FH in.

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 1 in. in 15 mins., then decreasing to 1/2 in. at shut-in. No blow back during shut-in.

2nd Open: No blow. No blow back during shut-in.

Recovered 15 ft. of drilling mud = .213450 bbls. (Grind out: 100%-drilling mud)

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Recovered ft. of

Remarks Tool Sample Grind Out: 100%-mud w/a few gassy bubbles

Time Set Packer(s) 9:30 P.M. Time Started off Bottom 11:45 P.M. Maximum Temperature 104°

Initial Hydrostatic Pressure.....(A) 1670 P.S.I.

Initial Flow Period.....Minutes 30 (B) 15 P.S.I. to (C) 46 P.S.I.

Initial Closed In Period.....Minutes 30 (D) 149 P.S.I.

Final Flow Period.....Minutes 30 (E) Plugging 80 P.S.I to (F) Plugging 87 P.S.I.

Final Closed In Period.....Minutes 45 (G) 274 P.S.I.

Final Hydrostatic Pressure.....(H) 1619 P.S.I.