



KANSAS CORPORATION COMMISSION 1054839  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009  
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 ) 564-3002  
CONTRACTOR: License # 34066  
Name: Trinity Oilfield Services Inc.  
Wellsite Geologist: James Musgrove  
Purchaser: NCRA

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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>10/12/2010</u>	<u>10/21/2010</u>	<u>01/07/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-055-22086-00-00  
Spot Description: \_\_\_\_\_  
SW SW NW SW Sec. 17 Twp. 22 S. R. 33  East  West  
1,615 Feet from  North /  South Line of Section  
285 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Finney  
Lease Name: Garden City A Well #: 8  
Field Name: Damme  
Producing Formation: Morrow  
Elevation: Ground: 2891 Kelly Bushing: 2901  
Total Depth: 4930 Plug Back Total Depth: 4871  
Amount of Surface Pipe Set and Cemented at: 437 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: 1984 Feet  
If Alternate II completion, cement circulated from: 1984  
feet depth to: 0 w/ 430 sx cmt.

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: 3000 ppm Fluid volume: 7650 bbls  
Dewatering method used: Evaporated  
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	
<input type="checkbox"/> Letter of Confidentiality Received	Date: _____
<input type="checkbox"/> Confidential Release Date: _____	
<input checked="" type="checkbox"/> Wireline Log Received	
<input checked="" type="checkbox"/> Geologist Report Received	
<input type="checkbox"/> UIC Distribution	
ALT <input type="checkbox"/> I <input checked="" type="checkbox"/> II <input type="checkbox"/> III	Approved by: <u>Deanna Garrison</u> Date: <u>04/28/2011</u>



1054839

Operator Name: H & B Petroleum Corp. Lease Name: Garden City A Well #: 8  
 Sec. 17 Twp. 22 S. R. 33  East  West County: Finney

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  <small>Dual Induction Dual Compensated Porosity Microresistivity</small>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum Attached Attached Attached
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CASING RECORD <input checked="" 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
Attached	Attached	Attached	Attached	Attached	Attached	Attached	Attached

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing <input checked="" type="checkbox"/> Plug Back TD _____ Plug Off Zone	-4775	Common	110	None

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
4	4754-4762, 4785-4802	1250 gal 7 1/2% MCA	4802
	4754-4762	Frac w/415 bls 10022 # 16/30 mesh	4775

TUBING RECORD: Size: <u>2 7/8</u> Set At: <u>4775</u> Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>01/09/2011</u>		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____
Estimated Production Per 24 Hours	Oil Bbls. <u>38</u>	Gas Mcf <u>0</u>
	Water Bbls. <u>12</u>	Gravity <u>32</u>

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 checked="" 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 (Specify) _____	PRODUCTION INTERVAL: <u>4754-4802</u>
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Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Garden City A 8
Doc ID	1054839

Tops

Heebner	3812	
Lansing	3906	
Base Ks City	4334	
Marmaton	4356	
Pawnee	4434	
Cherokee Shale	4478	
Morrow Shale	4671	
Upper Morrow Sand	4752	
Middle Morrow Sand	4784	
Lower Morrow Sand	4809	
Mississippi	4839	

Form	ACO1 - Well Completion
Operator	H & B Petroleum Corp.
Well Name	Garden City A 8
Doc ID	1054839

Casing

Surface	12.5	8.625	24	437.5	Common	300	3%cc,2%gel
Production	7.875	5.5	15.5	4913	Scavenger	50	10%salt,5#gelsonite
Production	7.875	5.5	15.5	4913	ASC Class A	150	
DV Tool	7.875	5.5	15.5	1984	60/40 Pos	430	6%gel,1/4#flo seal

# ALLIED CEMENTING CO., LLC. 035584

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

ONHICKS

DATE 10-12-10	SEC. 17	TWP. 22	RANGE 33	CALLED OUT	ON LOCATION 5:30pm	JOB START 12:30pm	JOB FINISH 1:00pm	
LEASE Cody				WELL # 8-A		LOCATION Bartlett & Bicklow Rd		
OLD OR (NEW) (circle one)				COUNTY Franklin				STATE KS

CONTRACTOR Southwind #1 OWNER \_\_\_\_\_  
 TYPE OF JOB Suisaco  
 HOLE SIZE 12 1/4 TD. 429'  
 CASING SIZE 8 5/8 DEPTH 437  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 26.8  
 EQUIPMENT \_\_\_\_\_  
 PUMP TRUCK CEMENTER Ferry  
 # 421 HELPER Kelly  
 BULK TRUCK \_\_\_\_\_  
 # 291 DRIVER Benard  
 BULK TRUCK \_\_\_\_\_  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

CEMENT AMOUNT ORDERED 300 con 3.7oz  
27oz  
 COMMON 300 @ 15.45 4635.00  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 6 @ 20.00 124.00  
 CHLORIDE 11 @ 58.00 640.00  
 ASC \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 317 @ 2.40 760.80  
 MILEAGE 1045 mile 2219.00  
 TOTAL 8379.00

REMARKS:

Completed circulation  
Barrier 8 bags  
Plug down @ 12.45am  
Thanks for service

SERVICE

DEPTH OF JOB 437  
 PUMP TRUCK CHARGE 1018.00  
 EXTRA FOOTAGE 137 @ .85 N/C  
 MILEAGE 70 @ 7.00 490.00  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 1508.00

CHARGE TO: HUB Petroleum  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

1-8 5/8 plug @ \_\_\_\_\_ 52.00  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL 52.00

To Allied Cementing Co., LLC.  
 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.

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

PRINTED NAME Frank Rome  
 SIGNATURE Frank Rome

# ALLIED CEMENTING CO., LLC. 035590

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:  
Oakley KS

DATE <u>10-21-10</u>	SEC <u>17</u>	TWP. <u>22</u>	RANGE <u>33</u>	CALLED OUT	ON LOCATION <u>2:30pm</u>	JOB START <u>2:00am</u>	JOB FINISH <u>3:00am</u>
LEASE <u>Gardner A</u>		WELL# <u>#8</u>		LOCATION <u>Barlow + Big house rd</u>		COUNTY <u>Riley</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>114 w - 21 w</u>			

CONTRACTOR <u>Southwind #1</u>	
TYPE OF JOB <u>2-stage</u>	
HOLE SIZE <u>7 7/8</u>	ID. <u>4920</u>
CASING SIZE <u>5 1/2 x 5.5 DEPTH 4905'</u>	
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL <u>DV Tool #75</u>	DEPTH <u>1985</u>
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>38 2/3</u>
CEMENT LEFT IN CSG. <u>38 2/3</u>	
PERFS.	
DISPLACEMENT	<u>68.5 water 47.2 mud</u>
EQUIPMENT <u>115.8 Total</u>	
PUMP TRUCK # <u>431</u>	CEMENTER <u>Fuzzy</u>
	HELPER <u>Rully</u>
BULK TRUCK # <u>373</u>	DRIVER <u>Brandon</u>
BULK TRUCK # <u>394</u>	DRIVER <u>Jeany</u>

OWNER	
CEMENT <u>Box 150 yds Asc 27000</u>	
AMOUNT ORDERED <u>1070 salt 57 Gils 5000 salt 6000 11400</u>	
Tap <u>600 yds 60140 67000</u>	
<u>(used 480 on top stage)</u>	
COMMON	<u>318 @ 15 45 4913 10</u>
POZMIX	<u>212 @ 7 20 1696 00</u>
GEL	<u>30 @ 20 60 624 00</u>
CHLORIDE	@
ASC	<u>150 @ 18 2700 00</u>
Salt	<u>140 yds @ 23 92 335 20</u>
G. Isomite	<u>3400 @ 1.89 3026 00</u>
Glo-sol	<u>133 @ 2 32 332 50</u>
HANDLING	<u>921 @ 2 42 2210 00</u>
MILEAGE	<u>1099 mile 6907 50</u>
TOTAL <u>22834 80</u>	

**REMARKS:**

Mix 50% gravel, Tail with 150 yds Asc  
Washump lines drop plug & displace  
to Latchdown 900' lift - 1700' land  
Disc DV Tool - open Tool 1200' lift  
1 1/2 hrs. mix 20 yds mh - 30 yds BH  
Mix 430 yds down csg. Washump &  
lines Displace & displace 600'  
1.5 hr 1500' land & close DV Tool.  
cement did circulate approx  
45 ABK

**SERVICE**

DEPTH OF JOB	<u>4905'</u>	
PUMP TRUCK CHARGE		<u>2185 00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>75</u>	<u>@ 7 00 525 00</u>
MANIFOLD	@	
Job complete @ 3:00am		
Thanks Fuzzy crew		
TOTAL		<u>2710 00</u>

**PLUG & FLOAT EQUIPMENT**

1. Guide shoe		<u>101 00</u>
1. Incho down Assy	@	<u>10/5 00</u>
5. Turbolizers	@	<u>42 00 219 00</u>
4. Cont	@	<u>35 00 140 00</u>
1. DV Tool	@	<u>2832 00</u>
2. Buckets	@	<u>186 00 372 00</u>
TOTAL		<u>3655 00</u>

To Allied Cementing Co., LLC.  
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PRINTED NAME Mike Hammesmith  
SIGNATURE Mike Hammesmith

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

# ALLIED CEMENTING CO., LLC. 035511

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

DakCo K1

DATE <u>11/22/10</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>3:00p</u>	JOB FINISH <u>3:30p</u>
LEASE <u>Good City</u>	WELL #	# <u>8</u>	LOCATION <u>Goodman city N 70 Borden W 70</u>		COUNTY <u>Finney</u>	STATE <u>K</u>	
OLD OR NEW (Circle one)			<u>Biglone 140 EINTO</u>				

CONTRACTOR \_\_\_\_\_ OWNER \_\_\_\_\_  
 TYPE OF JOB Squeeze - Retainer  
 HOLE SIZE \_\_\_\_\_ T.D. \_\_\_\_\_  
 CASING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL Retainer DEPTH 4775  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 27.69 BBL

CEMENT AMOUNT ORDERED 200 Com  
 COMMON 135 S/s @ 15.45 2085.25  
 POZMIX @ \_\_\_\_\_  
 GEL @ \_\_\_\_\_  
 CHLORIDE @ \_\_\_\_\_  
 ASC @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING 200 @ 2.40 480.00  
 MILEAGE 10.9 274 mile @ \_\_\_\_\_ 1400.00  
 TOTAL 2965.25

REMARKS:

Retainer 4775, 2 1/2" Ret., 2 1/4" ABLME 600 PSI.  
Mix 135 S/s Com. Shot down when 182 PSI.  
200. 7000 PSI Line. Displacement on 1 1/2  
BBL to 2700 PSI. Kick off & Sweep  
Tag

Thank You  
Alan, Jerry, etc.

SERVICE

DEPTH OF JOB 4775'  
 PUMP TRUCK CHARGE 2011.00  
 EXTRA FOOTAGE @ \_\_\_\_\_  
 MILEAGE 70 @ 7.00 490.00  
 MANIFOLD @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL 2581.00

CHARGE TO: H & B Petroleum  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

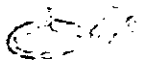
TOTAL \_\_\_\_\_

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

PRINTED NAME \_\_\_\_\_

SIGNATURE [Signature]

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DRILLING TIME AND SAMPLE LOG

COMPANY HEB Petroleum Corp.  
 WELL Garden City - A' #8  
 FIELD Damme  
 LOCATION 1615' FSL, 285' FWL  
 SEC. 17 TWP. 22<sup>S</sup> RGE. 33<sup>W</sup>  
 COUNTY Finney STATE Kansas  
 CONTRACTOR Southwind Drilling Co. (rig #1)  
 SPUD 10/12/10 COMP. 10/21/2010  
 RTD. 4920 LIT. 4920  
 MUD LOG TYPE MOD Chemical displaced

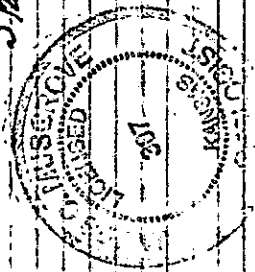
ALTITUDES  
 2901  
 2891  
 Measurements are All  
 From KB  
 SURFACE CASING 8 5/8" C 435  
 PRODUCT 5/8" C  
 ELECTRICAL SURVEYS  
 By Hog Tech

SAMPLES SAVED FROM 3700 TO  
 DRILLING TIME (PT FROM) 3700 TO RTD  
 SAMPLES EXAMINED FROM 3700 TO  
 GEOLOGICAL SUPERVISION FROM 4000 TO  
 GEOLOGIST ON WELL 3700

FORMATION TOPS	LOG	SAMPLES
Hebner	3812 - 911	LTD 4920 / RTD 4920 / 7-2019
Lansing	3906 - 1005	
Base Kansas City	4334 - 1433	
Marmaton	4356 - 1455	
Pawnee	4434 - 1533	
Cherokee Shale	4478 - 1577	
Morrow Shale	4671 - 1770	
Upper Morrow Sand	4752 - 1851	
2nd Middle Morrow Sand	4784 - 1883	
3rd Lower Morrow Sand	4809 - 1908	
Mississippian	4839 - 1938	

5 1/2" production casing was set and cemented.

Respectfully Submitted,  
 James G. Morsore  
 Petroleum Geologist



LEGEND

- Anhydrite
- Salt
- Sandstone
- Shale
- Limestone
- Fieldstone
- Unconsolidated
- Gravel
- Sand
- Siltstone
- Claystone
- Shale
- Sandstone
- Shale
- Sandstone
- Shale
- Sandstone

DRILLING TIME  
 Logarithmic Scale

SAMPLE DISCARD LOG

15 20 25 30 35 40 45 50

HEB

LOG

REMARKS