

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

Form ACO-1  
October 2008  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 5610  
Name: Bruce Oil Company, L.L.C.  
Address 1: 1704 Limestone Road  
Address 2: \_\_\_\_\_  
City: McPherson State: KS Zip: 67460 + \_\_\_\_\_  
Contact Person: Lonny Bruce **RECEIVED**  
Phone: ( 620 ) 241-2938 **KANSAS CORPORATION COMMISSION**  
CONTRACTOR: License # 33493 **JAN 25 2010**  
Name: American Eagle Drilling Co.  
Wellsite Geologist: Robert J. Peterson **CONSERVATION DIVISION**  
Purchaser: N.C.R.A. **WICHITA, KS**

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
 Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOW \_\_\_\_\_  
\_\_\_\_\_ Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_  
\_\_\_\_\_ CM (Coal Bed Methane) \_\_\_\_\_ Temp. Abd. \_\_\_\_\_  
\_\_\_\_\_ Dry \_\_\_\_\_ Other found by seismic interpretation  
(Core, WSW, Expl., Catholic, 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: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No.: \_\_\_\_\_  
\_\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_\_ Docket No.: \_\_\_\_\_  
14 Aug 2009 20 Aug 2009 03 Sep 2009  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 141-20406-00-00  
Spot Description: \_\_\_\_\_  
NW NE NW SW Sec. 23 Twp. 8 S. R. 14  East  West  
2500 Feet from  North /  South Line of Section  
875 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Osborne  
Lease Name: Thibault Well #: 1  
Field Name: Kill Creek

Producing Formation: Topeka  
Elevation: Ground: 1824 Kelly Bushing: 1831  
Total Depth: 3710 Plug Back Total Depth: 3448  
Amount of Surface Pipe Set and Cemented at: 785 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/ \_\_\_\_\_

**Drilling Fluid Management Plan**  
(Data must be collected from the Reserve Pit)  
Chloride content: n/a ppm Fluid volume: 1000 bbls  
Dewatering method used: air dry  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

*API-DIG-21/10*

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Lonny Bruce  
Title: Operating Manager Date: 19 January 2010  
Subscribed and sworn to before me this 20 day of JANUARY,  
20 10.  
Notary Public: Beverly A. Folck  
Date Commission Expires: 12-13-13

**KCC Office Use ONLY**  
 Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
\_\_\_\_\_ UIC Distribution

NOTARY PUBLIC  
State of Kansas  
**BEVERLY A FOLCK**  
My Appt. Expires 12-13-13

Operator Name: Bruce Oil Company, L.L.C. Lease Name: Thibault Well #: 1  
 Sec. 23 Twp. 8 S. R. 14  East  West County: Osborne

**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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input 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 <i>(Submit Copy)</i>  List All E. Logs Run: <b>Dual Induction, Compensated Density, Neutron DGA, Micro, Sonic</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum  see attached geological report  <div style="text-align: center;"> <b>RECEIVED</b>  <b>KANSAS CORPORATION COMMISSION</b>   <b>JAN 25 2010</b>   <b>CONSERVATION DIVISION</b>  <b>WICHITA, KS</b> </div>
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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
Surface	12 3/4	8 5/8	24	785'	60/40 Poz	325	2% gel, 3% CaCl
Production	7 7/8	5 1/2	15.5 used	3448	60/40 Pozmix	225	2% gel, 5% gilsonite

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				

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
2	3395-3399, swabbed 12 bbls water per hr, set CIBP @ 3392		
2	3374-3378, 3381-3385, swabbed 15 bbls water per hr, set CIBP @ 3325		
2	2781-2785, onfu 280', 65%oil 35% muddy water	acidized with 400 gal 15%MCA, 750 gal 20% NEFe	2781-2785

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3323</u> Packer At: <u>N/A</u>		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Enhr. <u>13 Sep 2009</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>15</u>	Gas Mcf <u>0</u>	Water Bbls. <u>8</u> Gas-Oil Ratio <u>N/A</u> Gravity <u>30.2</u>

DISPOSITION OF GAS: <input checked="" 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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>2781-2785</u>
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

# ALLIED CEMENTING CO., LLC. 037544

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

SERVICE POINT:

8-21-09 Russell

DATE <u>8-20-09</u>	SEC <u>23</u>	TWP <u>8</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>12:45AM</u>	JOB FINISH <u>1:15AM</u>
LEASE <u>THIBAUT</u>		WELL # <u>1</u>	LOCATION <u>Natoma KS, N-on RD 657</u>		COUNTY <u>OSBORNE</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		LINE IN IE SE @ CURVE IN IE 1/2 S					

CONTRACTOR American Eagle Rig # 2 OWNER \_\_\_\_\_

TYPE OF JOB PRODUCTION STRING

HOLE SIZE 7 7/8 T.D. 3710

CASING SIZE 5 1/2 used DEPTH 3448 set @

TOOL JOINT SIZE 15.50 # DEPTH \_\_\_\_\_

DRILL PIPE LATCH DN. AUG DEPTH ASSY @ 3433

TOOL Packer Shoe DEPTH @ 3448

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 14.90

CEMENT LEFT IN CSG. 14.20

PERFS: \_\_\_\_\_

DISPLACEMENT 81.73 / BBL

CEMENT AMOUNT ORDERED 225 SX / 40 500 Gilsonite

2% GEL PER SX

500 GAL WFR-2 mud flush

COMMON \_\_\_\_\_ @ \_\_\_\_\_

POZMIX \_\_\_\_\_ @ \_\_\_\_\_

GEL \_\_\_\_\_ @ \_\_\_\_\_

CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_

ASC \_\_\_\_\_ @ \_\_\_\_\_

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

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

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

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

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

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

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

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

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

HANDLING \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

EQUIPMENT

PUMP TRUCK # 417 CEMENTER Glenn HELPER MATT

BULK TRUCK # 378 DRIVER Shane

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

REMARKS:

Ran 103 JTS & Set @ 3448' load csg.  
+ Received CIRCULATION, DROP Packer  
Shoe Ball, & Pump to Bottom.  
Opened Packer Shoe @ 1000 #, CIRCULATED  
ON BOTTOM FOR a TOTAL OF 1HR.  
Plug Rathole w/30 SX, Pump flush, mix  
Cement @ 14.50. Clear line. P.S. 1000  
Plug to Bottom w/ 82 BBL H<sub>2</sub>O & LAND @ 1500  
HELD!

TOTAL \_\_\_\_\_

SERVICE \_\_\_\_\_

CHARGE TO: BRUCE OIL

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

Shane

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.

PRINTED NAME LONNY BRUCE

SIGNATURE Lonny Bruce

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_

MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

MANIFOLD yes @ \_\_\_\_\_

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

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

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

RECEIVED KANSAS CORPORATION COMMISSION  
JAN 25 2010  
CONSERVATION DIVISION WICHITA, KS

TOTAL \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

Blue Packer Shoe

1 LD. RUBBER LATCH DN. AUG @ ASSY

Blue 4 BASKETS @ \_\_\_\_\_

Blue 6 CENTRALIZERS @ \_\_\_\_\_

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

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

TOTAL \_\_\_\_\_

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

# ALLIED CEMENTING CO., INC. 20112

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

SERVICE POINT: 12

DATE <u>8-13-09</u>	SEC. <u>23</u>	TWP. <u>18</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>8:30pm</u>	JOB FINISH <u>9:00pm</u>
LEASE <u>THIBAUT</u>		WELL # <u>1</u>	LOCATION <u>NOTMAN 11 N 1 E 14 6 E</u>		COUNTY <u>OSBOLNE</u>	STATE <u>KS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>IN 1 E 1 1/2 S</u>				

CONTRACTOR AN EAGLE

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4 T.D. 790

CASING SIZE 8 5/8 DEPTH 790

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 15'

PERFS. \_\_\_\_\_

DISPLACEMENT 49 1/4 BBL

OWNER \_\_\_\_\_

CEMENT

AMOUNT ORDERED 325 69/10 3800

78 GEL  
148 ROSEN

COMMON	<u>195</u>	@	<u>13.50</u>	<u>2632.50</u>
POZMIX	<u>130</u>	@	<u>7.55</u>	<u>981.50</u>
GEL	<u>5</u>	@	<u>20.25</u>	<u>101.25</u>
CHLORIDE	<u>10</u>	@	<u>51.50</u>	<u>515.00</u>
ASC		@		
<u>Flo Seal</u>	<u>81</u>	@	<u>2.45</u>	<u>198.45</u>
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>762</u>	@	<u>2.25</u>	<u>364.50</u>
MILEAGE	<u>110/56/mile</u>			<u>567.00</u>
TOTAL				<u>5360.20</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER MARK

# 398 HELPER MATT

BULK TRUCK

# 473 DRIVER WAYNE

BULK TRUCK

# \_\_\_\_\_ DRIVER \_\_\_\_\_

**REMARKS:**

CEMENT CONSUMED

RECEIVED  
KANSAS CORPORATION COMMISSION  
JAN 25 2010  
CONSERVATION DIVISION  
WICHITA, KS

THANKS

CHARGE TO: Bruce Oil

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

**SERVICE**

DEPTH OF JOB	_____			
PUMP TRUCK CHARGE				<u>991.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>35</u>	@	<u>21.00</u>	<u>245.00</u>
MANIFOLD		@		
		@		
		@		
TOTAL				<u>1236.00</u>

**PLUG & FLOAT EQUIPMENT**

<u>8 7/8</u>	<u>TOP PLUG</u>	@		
		@		
		@		
		@		
		@		
TOTAL				_____

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE 5360.20

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Michael W. Hoesche

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