

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

Handwritten initials and date: 1/22/09

WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5610
Name: Bruce Oil Company, L.L.C.
Address 1: 1704 Limestone Rd.
Address 2: _____
City: McPherson State: KS Zip: 67460 + 6500
Contact Person: Lonny Bruce
Phone: (620) 241-2938
CONTRACTOR: License # 33237
Name: Anderson Drilling
Wellsite Geologist: Robert Peterson
Purchaser: N.C.R.A.

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CONSERVATION DIVISION
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 _____
(Core, WSW, Expl., Cathodic, 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.: _____
10-30-08 11-07-08 11-21-08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 141-20394-00-00
Spot Description: SW
N2 N2 NW Sec. 15 Twp. 8 S. R. 14 East West
2160 Feet from North / South Line of Section
1190 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Osborne
Lease Name: Bowen-Spears Unit Well #: 1
Field Name: Kill Creek
Producing Formation: n/a
Elevation: Ground: 1808 Kelly Bushing: 1813
Total Depth: 3671 Plug Back Total Depth: 3549
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/ _____ sx cmt.

Drilling Fluid Management Plan Alt I NCR 3-24-09
(Data must be collected from the Reserve Pit)
Chloride content: _____ ppm Fluid volume: _____ bbls
Dewatering method used: evaporation
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

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: 1-20-09
Subscribed and sworn to before me this 20 day of January,
20 09.
Notary Public: *Beverly A. Folck*
Date Commission Expires: 12-13-09

NOTARY PUBLIC
Slate of Kansas
BEVERLY A FOLCK
My Appt. Expires 12-13-09

KCC Office Use ONLY
 Letter of Confidentiality Received
 If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
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KANSAS CORPORATION COMMISSION
JAN 22 2009

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Bruce Oil Company, L.L.C. Lease Name: Bowen-Spears Unit Well #: 1
 Sec. 15 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: <u>Dual Induction, Neutron/Density/PE</u> <u>Micro/Sonic/Cement Bond</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;">Name</td> <td style="width:30%; text-align: center;">Top</td> <td style="width:40%; text-align: center;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td style="text-align: center;">1032</td> <td style="text-align: center;">+781</td> </tr> <tr> <td>Heebner</td> <td style="text-align: center;">2951</td> <td style="text-align: center;">-1138</td> </tr> <tr> <td>LKC</td> <td style="text-align: center;">2994</td> <td style="text-align: center;">-1160</td> </tr> <tr> <td>BKC</td> <td style="text-align: center;">3295</td> <td style="text-align: center;">-1482</td> </tr> <tr> <td>Viola</td> <td style="text-align: center;">3490</td> <td style="text-align: center;">-1687</td> </tr> <tr> <td>Arbuckle</td> <td style="text-align: center;">3655</td> <td style="text-align: center;">-1842</td> </tr> </table>	Name	Top	Datum	Anhydrite	1032	+781	Heebner	2951	-1138	LKC	2994	-1160	BKC	3295	-1482	Viola	3490	-1687	Arbuckle	3655	-1842
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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 1/4	8 5/8	23	785	common	350	3 1/2%cacl, 2% gel
Production	7 7/8	5 1/2	14	3664	common	300	60/40 pozmix
							2% gel, 3# gelsonite

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
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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	3011-3013	250 gal 15% MCA, swab back	
2	3053-3055, 3057-3059	250 gal 15% MCA, swab back	
2	3178-3182	250 gal 15% MCA swab back	
	reacidize over all zones above	with 750 gal 20% NE, swab	
	back load, test, run tubing after	setting BP @ 3154	

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3050</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or Enhr. <u>12/12/08</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>6.67</u>	Gas Mcf <u>0</u> Water Bbls. <u>0</u> Gas-Oil Ratio <u>N/A</u> Gravity <u>36</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 <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: <u>3011-3013, 3053-3055</u> <u>3057-3059</u>
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RECEIVED
 KANSAS CORPORATION COMMISSION
 JAN 28 2009
 CONSERVATION DIVISION
 WICHITA, KS

ALLIED CEMENTING CO., LLC. 35075

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

SERVICE POINT:

Russell

DATE <u>11-7-08</u>	SEC. <u>15</u>	TWP. <u>8</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>5:00pm</u>	JOB FINISH <u>6:00pm</u>
LEASE <u>Spaesa</u> UNIT <u>WELL# 1</u>				LOCATION <u>Matema 657 R2 13 N 7E</u>		COUNTY <u>Osborne</u>	STATE <u>KS</u>
OLD OR NEW (Circle one) <u>NEW</u>				<u>25 Feet into</u>			

CONTRACTOR AJH#1

TYPE OF JOB Production String

HOLE SIZE 7 7/8 T.D. 3671

CASING SIZE 5 1/2 14# DEPTH 3549

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 14.8

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 86 1/4

EQUIPMENT

PUMP TRUCK CEMENTER Craig

417 HELPER Matt

BULK TRUCK

396 DRIVER Bob

BULK TRUCK

DRIVER

REMARKS:

Insert 353420

Re-Install BASK

Plug & float @ 1700 ps. Release

Thanks

CHARGE TO: Bruce Oil

STREET

CITY STATE ZIP

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 LONN V. BRUCE

SIGNATURE Lonn Bruce

OWNER

CEMENT

AMOUNT ORDERED 330 60/40

500 gal w/ R-2 5% G. 15 gal 10/SK

2% 6.01

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

HANDLING @

MILEAGE @

TOTAL

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

1 5 1/2 Lurchdown Assembly

1 Pacifier Shoe @

3 Baskets @

10 Centralizers @

TOTAL

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

ALLIED CEMENTING CO., LLC. 034933

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

SERVICE POINT:

Russell KS

DATE <u>10-31-08</u>	SEC. <u>15</u>	TWP. <u>8</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>9:00 pm</u>	JOB FINISH <u>9:45 pm</u>
Bowen Spears LEASE <u>Unit</u>		WELL # <u>1</u>		LOCATION <u>Natoma KS 657 Rd 12 North</u>		COUNTY <u>Osborne</u>	STATE <u>KS</u>
OLD OR <u>(NEW)</u> (Circle one)				<u>7 East & South East into</u>			

CONTRACTOR <u>AA Rig #1</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>785'</u>
CASING SIZE <u>8 5/8 23#</u>	DEPTH <u>785.52'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
COMMON	@
MEAS. LINE	SHOE JOINT <u>15'</u>
CEMENT LEFT IN CSG. <u>15'</u>	POZMIX @
PERFS.	GEL @
DISPLACEMENT <u>49.07 Bbl</u>	CHLORIDE @
	ASC @

EQUIPMENT	
PUMP TRUCK # <u>409</u>	CEMENTER <u>John Roberts</u>
	HELPER <u>Travis</u>
BULK TRUCK # <u>396</u>	DRIVER <u>Mike</u>
BULK TRUCK #	DRIVER
HANDLING	
MILEAGE	
TOTAL	

REMARKS:

Ran 19 hrs 8 5/8 23# casing Baffle Plate
@ 770.52 Est Circulation and
Circulate 10 min Mix 350 sk cement
w/ 54.17 bbl H2O
Displace plug w/ 49.07 Bbl H2O
Landed Plug
Cement Did Circulate!
Thanks!

CHARGE TO: Bruce Oil Co LLC

STREET _____

CITY _____ STATE _____ ZIP _____

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____

EXTRA FOOTAGE @ _____

MILEAGE @ _____

MANIFOLD @ _____

TOTAL _____

PLUG & FLOAT EQUIPMENT

8 5/8 Rubber Plug @ _____

8 5/8 Weatherford Baffle Plate @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME J. KRIDER

SIGNATURE J. Krider

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WICHITA, KS

To Allied Cementing Co., LLC.
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