



KANSAS CORPORATION COMMISSION 1106599
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 # 5610
Name: Bruce Oil Company, L.L.C.
Address 1: 1704 LIMESTONE RD
Address 2: _____
City: MCPHERSON State: KS Zip: 67460 + 6500
Contact Person: Levi Koehn
Phone: (620) 241-2938
CONTRACTOR: License # 4958
Name: Mallard, J. V., Inc.
Wellsite Geologist: Robert Petersen
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
 Conv. to GSW
 Plug Back: _____ Plug Back Total Depth
 Commingled Permit #: _____
 Dual Completion Permit #: _____
 SWD Permit #: _____
 ENHR Permit #: _____
 GSW Permit #: _____

<u>07/03/2012</u>	<u>07/10/2012</u>	<u>08/09/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-141-20446-00-00
Spot Description: _____
SW SW SW Sec. 24 Twp. 8 S. R. 14 East West
330 Feet from North / South Line of Section
330 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Osborne
Lease Name: Alice Well #: 2
Field Name: _____

Producing Formation: Topeka
Elevation: Ground: 1840 Kelly Bushing: 1845
Total Depth: 3756 Plug Back Total Depth: 3304
Amount of Surface Pipe Set and Cemented at: 771 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: 1900 ppm Fluid volume: 200 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

Letter of Confidentiality Received
Date: _____
 Confidential Release Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
ALT I II III Approved by: Deanna Garrison Date: 01/07/2013



1106599

Operator Name: Bruce Oil Company, L.L.C. Lease Name: Alice Well #: 2
 Sec. 24 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 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 type="checkbox"/> Yes <input checked="" 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: Attached	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Base stone corral</td> <td>1105</td> <td>+739</td> </tr> <tr> <td>topeka</td> <td>2770</td> <td>-926</td> </tr> <tr> <td>heebner</td> <td>3009</td> <td>-1165</td> </tr> <tr> <td>lkc</td> <td>3059</td> <td>-1215</td> </tr> <tr> <td>viola</td> <td>3572</td> <td>-1728</td> </tr> <tr> <td>arbuckle</td> <td>3745</td> <td>-1901</td> </tr> </tbody> </table>	Name	Top	Datum	Base stone corral	1105	+739	topeka	2770	-926	heebner	3009	-1165	lkc	3059	-1215	viola	3572	-1728	arbuckle	3745	-1901
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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	12.25	8.625	24	771	common	325	3% cc 2% gel
longstring	7.875	5.5	15.5	3304	60/40 posmix	200	10% salt 2% gel 5# gilsonite per sac

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 checked="" type="checkbox"/> Plug Off Zone	3170-3174	common	100	1 sack cc

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	4	350 gal 15% mud acid	2800-04

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>2815</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>08/19/2012</u>		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input checked="" type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>6.68</u>	Gas Mcf <u>0</u>	Water Bbls. <u>10</u> Gas-Oil Ratio <u>0</u> Gravity <u>31</u>

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input checked="" 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>2800</u> <u>2804</u>
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Form	ACO1 - Well Completion
Operator	Bruce Oil Company, L.L.C.
Well Name	Alice 2
Doc ID	1106599

All Electric Logs Run

Microresisitivity
dual induction
dual compensated porosity
borehole comp. sonic log

ALLIED OIL & GAS SERVICES, LLC 056451

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

SERVICE POINT:
Russell KS.

DATE <u>7-10-12</u>	SEC. <u>24</u>	TWP. <u>8 S</u>	RANGE <u>14 W</u>	CALLED OUT	ON LOCATION	JOB START <u>1:00 PM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>Alice</u>	WELL # <u>2</u>	LOCATION <u>Luray KS. 18N 3W 2S</u>			COUNTY <u>OSAGE</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>3W 2S 14W 1NW 7N12</u>					

CONTRACTOR Mallard DRILL Rig #1
 TYPE OF JOB Production string
 HOLE SIZE 7 7/8 T.D. 3756'
 CASING SIZE 5 1/2 used DEPTH 3304
 TUBING SIZE 2 3/4 # CSG. DEPTH 3304
 DRILL PIPE Packer Shoe DEPTH 3290
 TOOL LATCH Down Plug Assy DEPTH 3290
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT 15.92
 CEMENT LEFT IN CSG. 15.92
 PERFS. _____
 DISPLACEMENT 18-70 Release E 64 1/2 / BBL

OWNER _____
 CEMENT _____
 AMOUNT ORDERED 200 SX 40 107 salt
26 GAL 5" Gilsomite 100 SX
500 GAL WEA-2 mud flush
 COMMON 120 SX @ _____
 POZMIX 80 SX @ _____
 GEL 6 SX @ _____
 CHLORIDE _____ @ _____
 ASC _____ @ _____
 SALT 21 SX @ _____
 Gilsomite 20 SX @ _____ -NC-
 HANDLING _____ @ _____
 MILEAGE 50

EQUIPMENT
 PUMP TRUCK # 417 CEMENTER General G.
 HELPER Woody O.
 BULK TRUCK # 410 DRIVER Robert Y.
 BULK TRUCK # _____ DRIVER _____

REMARKS:

Ran 75 joints of used 2 3/4 # 5 1/2 CSG.
Set @ 3304, received circulation,
Drop packer shoe ball & open @ 800 #
Circulate 1 hr. Pump flush 1 cement
w/ 170 SX 40 100 salt 26 gal, 5" Gilsomite,
Clear-line, Release Flex-Latch Down Plug
& Displace 70 BBL H₂O
Release Release Plug
Back to 64 BBL & Shut in
THANK'S!

TOTAL	_____
SERVICE	_____
DEPTH OF JOB	_____
PUMP TRUCK CHARGE	_____
EXTRA FOOTAGE	@ _____
MILEAGE <u>50</u> HV MT	@ _____
MANIFOLD	@ _____
<u>50 Lv MT</u>	@ _____

CHARGE TO: Bruce Oil Company LLC

STREET _____
 CITY _____ STATE _____ ZIP _____

30 SX @ Rat Hole

PLUG & FLOAT EQUIPMENT
 I-R. 1- Packer Shoe
5 BASKETS @ _____
5 TURBO CENT @ _____
1 LATCH Down Flex Plug @ _____

To: Allied Oil & Gas Services, LLC.
 You are hereby requested to rent cementing equipment

QUALITY OILWELL CEMENTING INC., INC.

Phone 785-483-2025
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 4619

Date	7-4-12	Sec.	29	Twp.	8	Range	14	County	Osborne	State	KS	On Location	Finish	10:00 AM
Lease	Alice			Well No.	#2			Location						
Contractor	Muller's Drilling							Owner Covent w to 180rd N to T Kew N 111						
Type Job	Seafan							To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size	12 1/4			T.D.	771			Charge To BRUCE oil company W/C						
Csg.	5 5/8			Depth	728			Street 1704 Limestone RD						
Tbg. Size				Depth				City McPherson State KS						
Tool				Depth				The above was done to satisfaction and supervision of owner agent or contractor.						
Cement Left in Csg.	42 42			Shoe Joint	42 42			Cement Amount Ordered 325 3%CC 2%Del						
Meas Line				Displace	43.32									

EQUIPMENT

Pumptrk #9	No.	Cementer	Helper	Hull	Common	325
Bulktrk #13	No.	Driver	Driver	Frans	Poz. Mix	
Bulktrk #4	No.	Driver	Driver	Docog	Gel.	#6

JOB SERVICES & REMARKS

Remarks:	Calcium 12
Rat Hole	Hulls
Mouse Hole	Salt
Centralizers	Flowseal
Baskets	Kol-Seal
D/V or Port Collar	Mud CLR 48
Baffle plate	CFL-117 or CD110 CAF 38
Cement did back bit	Sand
	Handling 3.43
	Mileage

FLOAT EQUIPMENT

Guide Shoe	
Centralizer	
Baskets	
AFU Inserts	
Float Shoe	
Latch Down	
Baffle Plate	
1 8 5/8 Rubber plug	
Pumptrk Charge	Long Surface
Mileage	41

Signature	Tax	
	Discount	
	Total Charge	