



KANSAS CORPORATION COMMISSION 1064546
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: 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 #:
06/04/2011 06/09/2011 6/23/2011
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-141-20427-00-00
Spot Description:
S2 N2 NW NE Sec. 22 Twp. 8 S. R. 14 East West
500 Feet from North / South Line of Section
1980 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Osborne
Lease Name: Wendall Well #: 1
Field Name:
Producing Formation: Topeka
Elevation: Ground: 1899 Kelly Bushing: 1904
Total Depth: 3797 Plug Back Total Depth: 3195
Amount of Surface Pipe Set and Cemented at: 812 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 cm.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: 4500 ppm Fluid volume: 25 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: 10/04/2011



1064546

Operator Name: Bruce Oil Company, L.L.C. Lease Name: Wendall Well #: 1
 Sec. 22 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Tarkio LS	2656	-752
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Topeka	2812	-908
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3051	-1147
		LKC "A"	3098	-1194

List All E. Logs Run:
 Dual Compensated Porosity
 Dual Induction
 Sonic Cement Bond

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	20	812	60/40	375	3%cc,2%gel
Production	7.875	5.5	14	3195	60/40	220	10%salt,2%gel,2%cc

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 <i>(Amount and Kind of Material Used)</i>	Depth
3	2842-2846	acid 350 350 gal.15%mcA, 750 gal. 20%NEFE	2842

TUBING RECORD: Size: <u>2 3/8</u> Set At: <u>3158</u> Packer At:		Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR. <u>6/23/2011</u>	Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____	
Estimated Production Per 24 Hours	Oil Bbls. <u>10</u> Gas Mcf <u>0</u> Water Bbls. <u>23</u>	Gas-Oil Ratio _____ Gravity <u>30</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) (Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: <u>2842</u> <u>2846</u>
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ALLIED CEMENTING CO., LLC. 039723

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

SERVICE POINT:

Russell Ks.

DATE <u>6-9-2011</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START <u>1:00 PM</u>	JOB FINISH <u>1:30 PM</u>
LEASE <u>Wendell</u>	WELL# <u>1-22</u>	LOCATION <u>Pa Panna Ks 2 1/2 mi 10 mi 3 1/2 E</u>			COUNTY <u>OSBORN</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)		<u>403 N 1st 1 N 1/4 W 2nd</u>					

CONTRACTOR <u>Mattoko Drilling Rig Co.</u>		OWNER
TYPE OF JOB <u>PRODUCTION & TESTING 3195 LTD</u>		
HOLE SIZE <u>9 7/8</u>	T.D. <u>* 3200' RTD</u>	CEMENT
CASING SIZE <u>5 1/2 New</u>	DEPTH <u>3195</u>	AMOUNT ORDERED <u>2500 lbs 100 SMT</u>
TUBING SIZE <u>4 1/2 CSG</u>	DEPTH	<u>2500 lbs 2 1/2" CG 5' Cement to Pack</u>
DRILL PIPE	DEPTH	<u>5000' 5/8" WPT 2 1/2" FLUW</u>
TOOL <u>AFU INSERT</u>	DEPTH <u>2179</u>	
PRES. MAX	MINIMUM	COMMON _____ @ _____
MEAS. LINE	SHOE JOINT <u>16.30</u>	POZMIX _____ @ _____
CEMENT LEFT IN CSG <u>16.30</u>		GEL _____ @ _____
PERFS.		CHLORIDE _____ @ _____
DISPLACEMENT <u>77.22 TON</u>		ASC _____ @ _____
EQUIPMENT		
PUMP TRUCK	CEMENTER <u>Calvin</u>	_____ @ _____
# <u>417</u>	HELPER <u>Wendy</u>	_____ @ _____
BULK TRUCK		_____ @ _____
# <u>473</u>	DRIVER <u>Tony</u>	_____ @ _____
BULK TRUCK		_____ @ _____
#	DRIVER	_____ @ _____
		HANDLING _____ @ _____
		MILEAGE _____ @ _____

REMARKS:

Row 76 JTS New 14 1/2" 5 1/2" 5/8" SET @ 3195'
Circulate on Bottoms 1 HR. Pump out 1/2
Count down hole w/ 2.50 CG 5' Cement to Pack
100 SMT 2 1/2" 5 1/2" 5/8" 2 1/2" 5/8"
Check line before this to Dec 1997
Land 11/6/10 Scott. Release 1/20/11
20500 Pchdo (Held)
Times (1/2)

TOTAL _____

CHARGE TO: <u>Bruce On Co.</u>		
STREET _____		TOTAL _____
CITY _____	STATE _____	ZIP _____

DEPTH OF JOB _____	
PUMP TRUCK CHARGE _____	
EXTRA FOOTAGE _____ @ _____	
MILEAGE _____ @ _____	
MANIFOLD _____ @ _____	
<u>ROTATION HEAD</u> _____ @ _____	

ALLIED CEMENTING CO., LLC. 039719

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

SERVICE POINT:

DATE <u>6-5-2011</u>	SEC. <u>22</u>	TWP. <u>8 S</u>	RANGE <u>14 W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>2:00 PM</u>
LEASE <u>Wendell</u>	WELL # <u>1</u>	LOCATION <u>Panorama Rd 1/4 E 10N</u>			COUNTY <u>OSAGE</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>				<u>300' 10" 3" 1/4" 1/2" 1/4" 1/4"</u>			

CONTRACTOR MANHART DRILL RIG #

TYPE OF JOB LONG SURFACE

HOLE SIZE 12" 4 T.D. 812

CASING SIZE 8 5/8 DEPTH 12

TUBING SIZE 20" 55G DEPTH

DRILL PIPE DEPTH

TOOL Ratek Rate DEPTH 770

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT 10

CEMENT LEFT IN CSG. 10

PERFS.

DISPLACEMENT 78 1/2 BBL

OWNER

CEMENT

AMOUNT ORDERED 375

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

EQUIPMENT

PUMP TRUCK CEMENTER Calvin

398 HELPER Woody

BULK TRUCK

473 DRIVER Ron

BULK TRUCK

DRIVER

HANDLING @

MILEAGE

TOTAL

REMARKS:

Ran 18 Hour JTS up 812 (20')
Set @ 812, Resumed Circulation
Mixed 375 Sx 5/8" 2464 1800
Release RUBBER WIPER Plug &
US Paced 4 1/2" BBL 1/4" Ind
Plug @ 650' 1/2" SUT 1/4"
Cement 1/4" 1/4" 1/4" 1/4"
SPILLAGE

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

MANIFOLD @

CHARGE TO: Beuce Oil Company Inc

STREET

TOTAL