

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

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 # 31396
Name: Farthing, Mark
Address 1: 219 N. 3rd
Address 2: _____
City: Burlington State: KS Zip: 66839 + 1317
Contact Person: Mark Farthing
Phone: (620) 364-2644
CONTRACTOR: License # 33217
Name: Three Rivers Exploration
Wellsite Geologist: David Griffin
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 #: _____

5-26-11	6-4-11	6-4-11
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-073-24159-00-00
Spot Description:
NE NW SE SE Sec. 15 Twp. 23 S. R. 10 East West
1,208 Feet from North / South Line of Section
967 Feet from East / West Line of Section
Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Greenwood
Lease Name: Waddell-B Well #: 1-B
Field Name: Hollis
Producing Formation: Bartlesville
Elevation: Ground: 1295 Kelly Bushing: _____
Total Depth: 2289 Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at: 201 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: _____ ppm Fluid volume: _____ bbls
Dewatering method used: _____
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License #: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Permit #: _____

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.

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.

Signature: [Signature]
Title: Owner Date: 9-8-11

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: DG Date: 9/14/11

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SEP 13 2011

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Operator Name: Farthing, Mark Lease Name: Waddell-B Well #: 1-B
 Sec. 15 Twp. 23 S. R. 10 East West County: Greenwood

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(If no, Submit Copy)</i> List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Bartlesville</td> <td>2114</td> <td></td> </tr> <tr> <td>Mississippi</td> <td>2265</td> <td></td> </tr> </table>	Name	Top	Datum	Bartlesville	2114		Mississippi	2265	
Name	Top	Datum								
Bartlesville	2114									
Mississippi	2265									

CASING RECORD <input type="checkbox"/> New <input checked="" 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 "	8&5/8		202'	Class A	105	CA CL 50#

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

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

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CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 241903

Invoice Date: 06/15/2011 Terms: 0/0/30,n/30

Page 1

FARTHING, MARK
219 N. 3RD
BURLINGTON KS 66839
(620) 364-2644

WADDELL B 1-B
30590
15-23S-10E
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	110.00	11.9500	1314.50
1118B	PREMIUM GEL / BENTONITE	380.00	.2000	76.00

Description	Hours	Unit Price	Total
520 P & A NEW WELL	1.00	975.00	975.00
520 EQUIPMENT MILEAGE (ONE WAY)	15.00	4.00	60.00
543 MIN. BULK DELIVERY	1.00	330.00	330.00

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Parts:	1390.50	Freight:	.00	Tax:	101.51	AR	2857.01
Labor:	.00	Misc:	.00	Total:	2857.01		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed _____ Date _____

BARTLESVILLE, OK
918/338-0808

EL DORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577



CONSOLIDATED
Oil Well Services, LLC



ENTERED

TICKET NUMBER 30590
LOCATION Eureka
FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT
CEMENT**

API# 15-073-24159

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6-4-11	2993	Waddell B #1-B	15	235	10E	GW
CUSTOMER			TRUCK #	DRIVER	TRUCK #	DRIVER
Mack Forthing			520	Cliff		
MAILING ADDRESS			543	Chris M.		
219 N. 3 rd						
CITY	STATE	ZIP CODE				
Burlington	KS	66839				

JOB TYPE P.T.A HOLE SIZE 7 7/8" HOLE DEPTH 2289' CASING SIZE & WEIGHT _____
 CASING DEPTH _____ DRILL PIPE 4 1/2" TUBING _____ OTHER _____
 SLURRY WEIGHT 14# SLURRY VOL _____ WATER gal/sk 7.0 CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting - Rig up to 4 1/2" drill pipe. Pumping orders as follows:

15 sacs @ 2195'
15 sacs @ 949'
80 sacs @ 260' to surface
110 sacs total

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54057	1	PUMP CHARGE	975.00	975.00
5406	15	MILEAGE	4.00	60.00
1131	110 sacs	60/40 Paemix cement	11.95	1314.50
11188	380 #	4% gel	.20	76.00
5407	4.23	ten mileage bulk tire	g/c	350.00
			Subtotal	2755.50
			7.2% SALES TAX	101.51
			ESTIMATED TOTAL	2857.01

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Revin 3737

241903

AUTHORIZATION Kut Job

TITLE _____

DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
FAX 620/431-0012

INVOICE

Invoice # 241650

Invoice Date: 05/31/2011 Terms: 0/0/30,n/30

Page 1

FARTHING, MARK
219 N. 3RD
BURLINGTON KS 66839
(620) 364-2644

WADDELL B 1-B
30599
15-23S-10E
05-27-11
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	105.00	14.2500	1496.25
1102	CALCIUM CHLORIDE (50#)	302.00	.7000	211.40
1118B	PREMIUM GEL / BENTONITE	200.00	.2000	40.00
1107	FLO-SEAL (25#)	26.00	2.2200	57.72

Description	Hours	Unit Price	Total
485 CEMENT PUMP (SURFACE)	1.00	775.00	775.00
485 EQUIPMENT MILEAGE (ONE WAY)	15.00	4.00	60.00
543 MIN. BULK DELIVERY	1.00	330.00	330.00

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Parts:	1805.37	Freight:	.00	Tax:	131.79	AR	3102.16
Labor:	.00	Misc:	.00	Total:	3102.16		
Subt:	.00	Supplies:	.00	Change:	.00		

Signed _____

Date _____

BARTLESVILLE, OK
918/338-0808

ELDORADO, KS
316/322-7022

EUREKA, KS
620/583-7664

GILLETTE, WY
307/686-4914

OAKLEY, KS
785/672-2227

OTTAWA, KS
785/242-4044

THAYER, KS
620/839-5269

WORLAND, WY
307/347-4577



CONSOLIDATED
Oil Well Services, LLC

ENTERED

TICKET NUMBER 30599

LOCATION Eureka

FOREMAN Steve Mead

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT

CEMENT API # 15-073-24159

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5-27-11	2983	Waddell-13 #1-13	15	235	10E	Greenwood
CUSTOMER			TRUCK #			
Mark Farthing			485			
MAILING ADDRESS			DRIVER			
219 N 3 Rd			Allen M.			
CITY			TRUCK #			
Burlington			543			
STATE			DRIVER			
KS			Allen B			
ZIP CODE						
66839						

JOB TYPE Surface 0 HOLE SIZE 12 1/4 HOLE DEPTH 211' CASING SIZE & WEIGHT 8 5/8
 CASING DEPTH 201' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.5# SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 15'
 DISPLACEMENT 11 3/4 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meeting. Rig up to 8 5/8 casing. Break Circulation w/fresh water. Pump 5 bbls water ahead. Mix 105 sks class A cement w/3% Cacl2, 2% Gel & 1/4" Floccle per/sk. Displace with 11 3/4 bbls fresh water. Shut well in. Good cement returns to surface. 3 bbls slurry to pit.
Job Complete Rig down

Thank you

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	775.00	775.00
5406	15	MILEAGE	4.00	60.00
11045	105 SKS	Class A Cement	14.25	1496.25
1102	302 #	Cacl2 3%	.70	211.40
1118B	200 #	Gel 2%	.20	40.00
1107	26 #	Floccle 1/4" per/sk	2.22	57.72
5407		Ten mileage Bulk Truck	M/C	330.00
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Sub Total				2970.37
SALES TAX				131.19
ESTIMATED TOTAL				3102.16

Revin 3737

241650

AUTHORIZATION [Signature] TITLE Driller DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

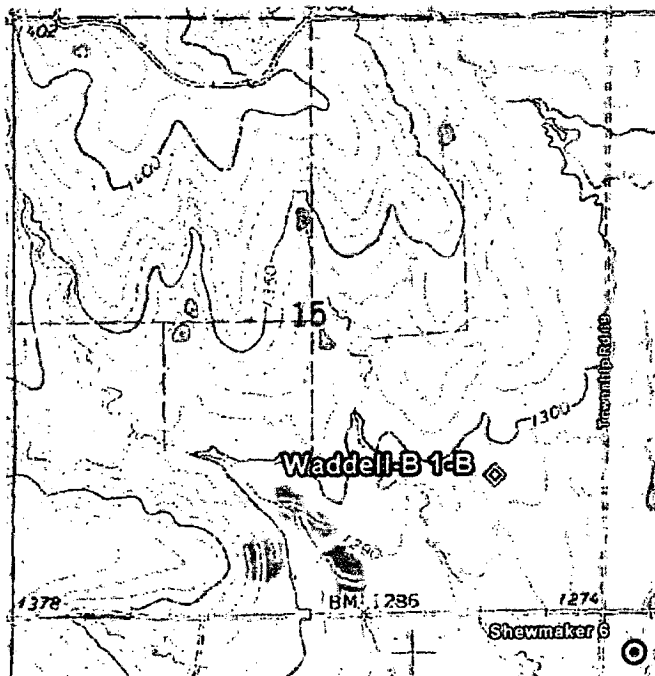
Geological Wellsite Report

By David Griffin, RG
Griffin Geological Resources, Inc.
June 10, 2011

Well Info: Waddell-B 1-B, Wildcat
NE NW SE SE/4
1208' fsl, 967' fel
Section 15, T23S-R10E
Greenwood County, KS
API No. 15-073-24159
GPS Coordinates:
W-96.28934, N38.04594
Datum: GL Elev. 1295' (Est.)
RTD: 2289', GL
Status: Dry Hole

Operator: Mark Farthing
219 N. 3rd St.
Burlington, KS 66839
Operator License No.: 31396

Contractor: Three Rivers Exploration, LLC
538 Road 20
Olpe, KS 66865
Contractor License No.: 33217
Owner: Dave Farthing



Objectives: Primary objective, Evaluate the Cherokee Upper Bartlesville SS
Secondary objectives, Evaluate the Lower Kansas City, other Cherokee Sandstones and the Mississippian

Drilling Notes:
May 26, 2011, Set 201', 8⁵/₈" Surface Casing
June 4, 2011, Reached Total Depth of 2289', GL
Bit one, 7⁷/₈" PDC Bit from 201' to 1786'
Bit two, 7⁷/₈" Button Bit from 1786' to 2289' (TD)
Native fresh water mud to 1786', Chemical Gel Mud 1786' to 2289'

Geological Supervision:
David Griffin, RG, provided wellsite supervision on June 3 and 4, 2011. The Geologist witnessed the drilling from 1975' to 2150', and 2250' to 2289' GL. Samples were microscopically examined from 1500' to 1650', GL and from 1800' to 2289', GL.

Cement Co.: Consolidated Oil Well Service Co., Contractor License No.: 04996

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Geological Datums:

Mark Farthing Waddell-B 1-B NE NW SE SE Sec. 15-T23S-R10E Geological Tops				2000' SE	
				John Henry Oil Co. Shewmaker 6 NW NW NW Sec. 23-T23S-R10E	
Zones of Interest	Sample Tops		S C T O R M C P	Open-Hole Log	
	GL 1295'			KB 1275'	
	Depth	Subsea	Depth	Subsea	
Base Kansas City	na			1596	-321
Cherokee	1914	-619	-16	1878	-603
Upper Squirrel SS	1918	-623	-17	1881	-606
Base SS	1922	-627	-9	1893	-618
Ardmore LS	1996	-701	-14	1962	-687
Cattleman SS	2047	-752		absent	
Base SS	2054	-759			
Bartlesville SS	2114	-819		2096	-821
Base SS	2119	-824		2113	-838
Chert	2239	-944		dnp	
Mississippian LS	2265	-970		dnp	
Rotary Total Depth	2289	-994		2150	-880

Structural Comparisons:

Structural comparison of the Top of the Bartlesville SS indicates that Waddell-B 1-B is 2' high to Shewmaker 6, a Bartlesville SS producer lying 2000' to the southeast (38,931 barrels produced since 1990).

Logs, Cores, DST's, Gas Detection:

No open-hole logs, cores or DST's were obtained, nor was gas detection performed for this well.

Descriptions of Zones of Interest:

Upper Squirrel SS

1918' to 1922', GL, (-623'), 4' Thick

Sandstone, very light gray, very fine grained, limey, poor porosity, no odor, show or fluorescence.

Cattleman SS

2047' to 2054', GL, (-752'), 7' Thick

Sandstone, very light gray, very fine to fine grained, poor porosity, no odor, show or fluorescence.

Bartlesville SS

2114' to 2119', GL, (-819'), 5' Thick

Sandstone, very light gray, very fine grained, silty, poor porosity, no odor, show or fluorescence.

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Waddell-B 1-B
Geological Wellsite Report
June 10, 2011

Mississippian LS

2265' to 2289', GL, (-970)

Limestone, grainstone, light gray to light tannish-gray, poor porosity, Chert, 5% to 30%, off-white to light gray, no odor, no show or fluorescence.

Summary:

Waddell-B 1-B contained 4' of Upper Squirrel SS from 1918' to 1922', GL, (-623) and 7' of Cattleman SS from 2047' to 2054', (-752), both of which did not have sufficient porosity for reservoir development or oil shows. The Mississippian Limestone (grainstone) from 2265' to 2289' (-970') also had poor porosity and no evidence of oil shows. The primary target Bartlesville SS was 5' thick from 2114' to 2119', (-819) and 2' high to the Shewmaker 6 producer reference well lying 2,000' to the SE. However, the sandstone was of a silty facies (levee?) deposited under a lower flow regime resulting in deposition of very fine sand and silt with poor porosity and no oil shows. Due to the lack of oil shows or porous reservoir rocks, the well was plugged and abandoned as a dry hole.

Respectfully Submitted,



David Griffin, RG, President
GGR, (Griffin Geological Resources), Inc.
1502 W. 27th Terr.
Lawrence, Kansas
785-842-3665

Attachment: Sample Log

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