

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

OPERATOR: License # 4567  
Name: D.E. Exploration, Inc.  
Address 1: P.O. Box 128  
Address 2: \_\_\_\_\_  
City: Wellsville State: KS Zip: 66092 + \_\_\_\_\_  
Contact Person: Douglas G. Evans, President  
Phone: ( 785 ) 883-4057  
CONTRACTOR: License # 5989  
Name: Finney Drilling Company  
Wellsite Geologist: None  
Purchaser: Kelly Maclaskey Oilfield Services, Inc.

Designate Type of Completion:  
 New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_  
\_\_\_\_\_ Oil \_\_\_\_\_ SWD \_\_\_\_\_ SLOW  
\_\_\_\_\_ 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.: \_\_\_\_\_  
February 23, 2009    February 26, 2009    February 26, 2009  
Spud Date or                      Date Reached TD                      Completion Date or  
Recompletion Date                                                                Recompletion Date

API No. 15 - 031-22,409-00-00  
Spot Description: NW NE NE NE S28-T22S-R16E  
NW NE NE NE Sec. 28 Twp. 22 S. R. 16  East  West  
2,610 Feet from  North /  South Line of Section  
450 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: Coffey  
Lease Name: Flake Well #: RI-11  
Field Name: Neosho Falls-LeRoy  
Producing Formation: Squirrel  
Elevation: Ground: NA Kelly Bushing: NA  
Total Depth: 1052.0' Plug Back Total Depth: 1043.0"  
Amount of Surface Pipe Set and Cemented at: 47.2' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 1043  
feet depth to: 160 w/ 160 <sup>sq. cnt.</sup>  
Alt 2-Dg-8/24/09

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**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 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: Douglas G. Evans  
Title: President Date: July 27, 2009  
Subscribed and sworn to before me this 27th day of July, 2009.  
Notary Public: Stacy J. Thyer  
Date Commission Expires: March 31

NOTARY PUBLIC  
STATE OF KANSAS  
STACY J. THYER  
My Appt. Exp. 3-31-2011

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

Operator Name: D.E. Exploration, Inc. Lease Name: Flake Well #: RI-11  
 Sec. 28 Twp. 22 S. R. 16  East  West County: Coffey

**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 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 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>Gamma Ray/Neutron/CCL</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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 1/4"	7"	NA	47.2'	50/50 Poz	38	Service Company
Production	5 5/8"	2 7/8"	NA	1043.0'	50/50 Poz	143	Service Company

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
21	999.0'-1008.0'	2" DML RTG	999.0'-1008.0'

TUBING RECORD:	Size: <u>2 7/8"</u>	Set At: <u>1043.0'</u>	Packer At: <u>No</u>	Liner Run: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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. <u>NA</u>	Gas Mcf <u>NA</u>	Water Bbls. <u>NA</u>	Gas-Oil Ratio	Gravity
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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: _____ _____
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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 # 228868

Invoice Date: 02/24/2009 Terms:

Page 1

D.E. EXPLORATION  
DOUG EVANS  
P.O. BOX 128  
WELLSVILLE KS 66092  
(785)883-4057

FLAKE ri-11  
28-22-16  
19991  
02/23/09

Part Number	Description	Qty	Unit Price	Total
.107A	PHENOSEAL (M) 40# BAG)	20.00	1.0800	21.60
.111	GRANULATED SALT (50 #)	74.00	.3100	22.94
.118B	PREMIUM GEL / BENTONITE	67.00	.1600	10.72
.124	50/50 POZ CEMENT MIX	38.00	9.2500	351.50

  

Description	Hours	Unit Price	Total
.64 CEMENT PUMP (SURFACE)	1.00	680.00	680.00
.64 EQUIPMENT MILEAGE (ONE WAY)	.00	3.45	.00
.64 CASING FOOTAGE	47.00	.00	.00
.70 80 BBL VACUUM TRUCK (CEMENT)	1.50	94.00	141.00
.10 TON MILEAGE DELIVERY	1.00	97.44	97.44

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=====  
 arts: 406.76 Freight: .00 Tax: 21.56 AR 1346.76  
 labor: .00 Misc: .00 Total: 1346.76  
 ublt: .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

McALESTER, OK  
918/426-7667

OTTAWA, KS  
785/242-4044

THAYER, KS  
620/839-5269

WORLAND, WY  
307/347-4577



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 19991

LOCATION Ottawa

FOREMAN Alan Mader

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

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-23-09	2355	Flake # RT-11	28	22	16	CP
CUSTOMER D E Exploration			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS P.O. Box 128			516	Alan M		
CITY Wellsville			164	Ken H		
STATE KS			390	Chuck L		
ZIP CODE 66092			510	Arlen M		

JOB TYPE Sur HOLE SIZE 12" HOLE DEPTH 47 CASING SIZE & WEIGHT 7"  
 CASING DEPTH 47' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING yes  
 DISPLACEMENT 2661 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 46pm

REMARKS: Establihed rate. Mixed & pumped 40 sx 30 150  
poz 5% salt, 2% sel, 1/2# phenoseal. Circulated cement.  
Displaced casing with water. Closed valve

*Alan Mader*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
540 NS	1	PUMP CHARGE		680.00
5406		MILEAGE		
5402	47'	Casing footage		
5407A		Fun mileage		97.44
5502C	1 1/2	80 vac		146.00
		KANSAS CORPORATION COMMISSION		
1107A	20#	Phenoseal		21.60
1111	74#	salt		22.94
1118B	67#	sel		10.72
1124	38.5x	30 150 poz		351.50
		Sub		1325.80
		SALES TAX		21.56
		ESTIMATED TOTAL		1346.76

Ravin 3737

AUTHORIZATION Harry Fu

TITLE 228868

DATE 7/31/2009

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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 # 228930

Invoice Date: 02/28/2009 Terms: Page 1

D.E. EXPLORATION  
DOUG EVANS  
P.O. BOX 128  
WELLSVILLE KS 66092  
(785)883-4057

FLAKE RI-11  
28-22-16  
20024  
02/26/09

Part Number	Description	Qty	Unit Price	Total
124	50/50 POZ CEMENT MIX	143.00	9.2500	1322.75
118B	PREMIUM GEL / BENTONITE	369.00	.1600	59.04
111	GRANULATED SALT (50 #)	336.00	.3100	104.16
110A	KOL SEAL (50# BAG)	800.00	.3900	312.00
402	2 1/2" RUBBER PLUG	1.00	22.0000	22.00

Description	Hours	Unit Price	Total
70 80 BBL VACUUM TRUCK (CEMENT)	2.00	94.00	188.00
95 CEMENT PUMP	1.00	870.00	870.00
95 EQUIPMENT MILEAGE (ONE WAY)	50.00	3.45	172.50
48 TON MILEAGE DELIVERY	1.00	389.76	389.76

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Parts: 1819.95 Freight: .00 Tax: 96.47 AR 3536.68  
Labor: .00 Misc: .00 Total: 3536.68  
Sublt: .00 Supplies: .00 Change: .00

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

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

TICKET NUMBER 20024

LOCATION Ottawa KS

FOREMAN Casey Kennedy

**FIELD TICKET & TREATMENT REPORT  
CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/26/09	2355	Flake RI-11	SE 1/4 28	22	16	CF
CUSTOMER DE Exploration			TRUCK #			
MAILING ADDRESS PO Box 128			DRIVER		TRUCK #	
CITY Wellsville			DRIVER		TRUCK #	
STATE KS			DRIVER		TRUCK #	
ZIP CODE 66092			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	
			DRIVER		TRUCK #	

JOB TYPE longstring HOLE SIZE 5 5/8" HOLE DEPTH 1050' CASING SIZE & WEIGHT 2 7/8" EUE  
 CASING DEPTH 1043' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 2 1/2" rubber plug  
 DISPLACEMENT 6.06 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE 5.5 bpm

REMARKS: established circulation, mixed & pumped 100 # Premium Gel followed by 10 bbls fresh water, mixed & pumped 160 sks 50/50 Pozmix cement w/ 5 # Kol Seal, 5% Salt, & 2 1/2" Premium Gel per sk, cement to surface, flushed pump clean, displaced 2 1/2" rubber plug to casing TD w/ 6.06 bbls fresh water, pressured to 800 PSI, released pressure to set float valve, shut in casing.

*Handwritten signature/initials*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE cement pump		870.00
5406	50 miles	MILEAGE pump truck		172.50
5407A	6.72 ton	ton mileage		389.76
5502C	2 hrs	80 bbl UIC Truck		188.00
1124	143 sks	50/50 Pozmix cement		1322.75
1118B	369 #	Premium Gel		59.04
1111	336 #	Salt		104.16
1110A	800 #	Kol Seal		312.00
4402	1	2 1/2" rubber plug		22.00
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sub total				3440.21
				SALES TAX 96.47
				ESTIMATED TOTAL 3536.68

Rev'n 3737

AUTHORIZATION Casey Kennedy

TITLE

228930

DATE 7/31/09

## DRILLERS LOG

**API NO.** 15-031-22409 **S. 28** **T. 22** **R. 16** **E. W.**  
**OPERATOR:** D.E. EXPLORATION INC. **LOCATION:** NW - NE - NE - SE  
**ADDRESS:** P.O. BOX 128 **COUNTY:** COFFEY  
WELLSVILLE, KS 66092  
**WELL #:** R - 11 **LEASE NAME:** FLAKE  
**FOOTAGE LOCATION:** 2610 FEET FROM (N) (S) LINE 450 FEET FROM (E) (W) LINE  
**CONTRACTOR:** FINNEY DRILLING COMPANY **GEOLOGIST:** DOUG EVANS  
**SPUD DATE:** 2/23/2009 **TOTAL DEPTH:** 1052  
**DATE COMPLETED:** 2/26/2009 **OIL PURCHASER:** MACLASKEY

### CASING RECORD

PURPOSE	SIZE OF HOLE	SIZE OF CASING	WEIGHT LBS/FT	SETTING DEPTH	TYPE CEMENT	SACKS	TYPE AND % ADDITIVES
SURFACE:	12 1/4	7	19	47.20	I	82	SERVICE COMPANY
PRODUCTION:	5 5/8	2 7/8	6.5	1043	50-50	112	SERVICE COMPANY

### WELL LOG

**CORES:** # 1 - NO CORE

**RAN:** \_\_\_\_\_

**RECOVERED:** \_\_\_\_\_

**ACTUAL CORING TIME:** \_\_\_\_\_

FORMATION	TOP	BOTTOM	FORMATION	TOP	BOTTOM
TOP SOIL	0	4	LIME	809	818
CLAY	4	10	SHALE	818	820
SAND	10	12	SAND & SHALE	820	858
GRAVEL	12	22	SAND	858	873
SHALE	22	203	SHALE	873	875
LIME	203	211	LIME	875	884
SAND	211	214	SHALE	884	904
LIME	214	269	LIME	904	907
SHALE	269	340	SHALE	907	910
LIME	340	351	LIME	910	911
SHALE	351	367	SHALE	911	921
LIME	367	402	LIME	921	927
SHALE	402	405	SHALE	927	929
LIME	405	419	LIME	929	932
SHALE	419	423	SHALE	932	946
LIME	423	454	LIME	946	950
SHALE	454	468	SHALE	950	956
LIME	468	470	LIME	956	958
SHALE	470	513	SHALE	958	961
KC LIME	513	519	LIME	961	963
SHALE	519	520	SHALE	963	994
LIME	520	581	CAP LIME	994	996
SHALE	581	587	OIL SHALE	996	997
LIME	587	599	CAP LIME	997	998
SHALE	599	605	OIL SAND	998	1008
LIME	605	624	SAND & SHALE	1008	1052 T.D.
BIG SHALE	624	787			
LIME	787	802			
SHALE	802	809			