

9/9/13

**CONFIDENTIAL**

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 5786  
 Name: McGown Drilling, Inc.  
 Address 1: P.O. Box K  
 Address 2: \_\_\_\_\_  
 City: Mound City State: KS Zip: 66056 + \_\_\_\_\_  
 Contact Person: Chris McGown  
 Phone: (913) 795-2259  
 CONTRACTOR: License # 5786  
 Name: McGown Drilling, Inc.  
 Wellsite Geologist: \_\_\_\_\_  
 Purchaser: \_\_\_\_\_  
 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.: \_\_\_\_\_  

<u>7-21-11</u>	<u>7-25-11</u>	<u>7-29-11</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 107-24338-00-00  
 Spot Description: \_\_\_\_\_  
W2 E2 SE NW Sec. 11 Twp. 22 S. R. 23  East  West  
1980 Feet from  North /  South Line of Section  
2145 Feet from  East /  West Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
 County: LINN  
 Lease Name: Randall Well #: M12-11 Twin  
 Field Name: Mound City  
 Producing Formation: Bartlesville  
 Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_  
 Total Depth: 542 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at: 20 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set: \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from: 542  
 feet depth to: surface w/ 80 sx cmt.

**Drilling Fluid Management Plan** *AK-1 NY 9-28-11*  
 (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.: \_\_\_\_\_

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**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 8978, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-166 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: Theresa S. McLaw  
 Title: President Date: 9-9-11  
 Subscribed and sworn to before me this 9 day of September  
 20 11  
 Notary Public: Jill D. Nation  
 Date Commission Expires: 2/25/2015

**KCC Office Use ONLY**

Letter of Confidentiality Received *9/11 - 9/13*  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 \_\_\_\_\_ Geologist Report Received  
 \_\_\_\_\_ UIC Distribution

NOTARY PUBLIC - State of Kansas  
JILL D. NATION  
My Appt. Exp. 2/25/2015

Operator Name: McGown Drilling, Inc. Lease Name: Randall Well #: M12-11 Twin  
 Sec. 11 Twp. 22 S. R. 23  East  West County: LINN

**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 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: <b>GRN</b>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum *See Attached Sheet
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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	9 7/8"	7	17	20	Portland	5	none
Long String	5 1/4"	2 7/8	6.5	530	50/50 POZ	80	

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
2	Perf. 474-484	<b>CONFIDENTIAL</b> SEP 09 2013 <b>KCC</b>	RECEIVED SEP 12 2011 KCC WICHITA

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 checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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# McGown Drilling, Inc.

## Mound City, Kansas

**Operator:**

McGown Drilling, Inc.  
Mound City, KS

**Well:**

Randall

M12-11 Twin

**S-T-R**

11-22-23E

**County:**

Linn County, KS

**API:**

15-107-24338-00-00

**Spud Date:**

3/24/2011

**Surface Bit Size:**

9 7/8"

**Surface Casing:**

7"

**Drill Bit Size:**

5.25"

**Surface Length:**

20'

**Surface Cement:**

5 sx

**Surface Call:**

7/21/2011

Chris talked to Alan

10:00 AM

### Driller's Log

Top	Bottom	Formation	Comments
0	24	Soil & Clay	
24	33	Shale	
33	45	Lime	
45	86	Shale	
86	87	Coal	
87	98	Shale	
98	99	Coal	
99	102	Shale	
102	118	Lime	
118	131	Shale	
131	142	Lime	
142	148	Sand	
148	178	Shale	
178	197	Lime	
197	206	Shale	
206	208	Lime	
208	366	Shale	
366	368	Lime	
368	396	Shale	
396	399	Sand	
399	451	Shale	
451	452	Coal	
452	458	Shale	

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458	488	Sand
488	490	Coal
490	535	Shale
535	542	Lime
	542	TD

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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 # 243093

Page 1

INVOICE

Invoice Date: 07/31/2011 Terms: 0/0/30,n/30

McGOWN DRILLING  
P.O. BOX 334  
MOUND CITY KS 66056  
(785)795-2258

RANDALL M-12-TWIN  
32698  
NW 11-22-23 LN  
07/29/2011

Part Number	Description	Qty	Unit Price	Total
1124	50/50 POZ CEMENT MIX	80.00	10.4500	836.00
1118B	PREMIUM GEL / BENTONITE	234.00	.2000	46.80
4402	2 1/2" RUBBER PLUG	1.00	28.0000	28.00
		Hours	Unit Price	Total
368	CEMENT PUMP	1.00	975.00	975.00
368	EQUIPMENT MILEAGE (ONE WAY)	60.00	4.00	240.00
368	CASING FOOTAGE	503.00	.00	.00
510	MIN. BULK DELIVERY	1.00	330.00	330.00

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Parts:	910.80	Freight:	.00	Tax:	57.38 AR	2513.18
Labor:	.00	Misc:	.00	Total:	2513.18	
Sublt:	.00	Supplies:	.00	Change:	.00	

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

TICKET NUMBER 32698  
LOCATION Ottawa  
FOREMAN Alan Mader

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

Box 884, Chanute, KS 66720  
31-9210 or 800-467-8676

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
29-11	5363	Randall M.12-Twin	NW 11	22	23	hV

  

TRUCK #	DRIVER	TRUCK #	DRIVER
516	Alan M	Safety	Meet
368	Ken H	JKH	
510	Derek M	DM	

COMPANY NAME McGowan Drilling  
ADDRESS P.O. Box K  
CITY Grand City STATE KS ZIP CODE 66056

TYPE long string HOLE SIZE 5 7/8 HOLE DEPTH 540 CASING SIZE & WEIGHT 2 7/8  
Casing Depth 530 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
Casing Weight \_\_\_\_\_ SLURRY VOL \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING yes  
Displacement 800 MIX PSI 200 RATE 5 bpm

REMARKS: Held crew meeting. Mixed & pumped 100 gal gel to flush hole. Mixed & pumped 80 gal 50/150 plus 290 lb. Circulated cement. Flushed pump. Pumped plug. Closed casing TD. Well held 800 PSI. Set float. Closed valve.

McGowan Drilling & Water

*Alan Mader*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
101	1	PUMP CHARGE		975.00
106	60	MILEAGE		240.00
102	530	casing footage		330.00
07	min	ten miles		
24	80	50/150 p02		836.00
18B	234	gel		46.80
02	1	2 1/2 plug		28.00

*Alan Mader*

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WOT 243093

SALES TAX ESTIMATED TOTAL 57.38  
2513.18

1737