



KANSAS CORPORATION COMMISSION 1069894  
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 # 32485  
Name: Patteson, Thomas Wade  
Address 1: 484 Osage Trail  
Address 2: \_\_\_\_\_  
City: MOLINE State: KS Zip: 67353 + 9718  
Contact Person: Wade Patteson  
Phone: ( 620 ) 647-3667  
CONTRACTOR: License # 32485  
Name: Patteson, Thomas Wade  
Wellsite Geologist: Tim Priest  
Purchaser: Plains

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>12/19/2011</u>	<u>12/22/2011</u>	<u>12/30/2011</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-049-22560-00-00

Spot Description: Lat. 37 18.869 Long. 096 17.843

SE NW NW NE Sec. 34 Twp. 31 S. R. 10  East  West  
4865 Feet from  North /  South Line of Section  
2004 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

County: Elk

Lease Name: McSpadden Well #: 5

Field Name: Lisco

Producing Formation: arbuckle

Elevation: Ground: 1099 Kelly Bushing: 1106

Total Depth: 2375 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 40 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: 1521 Feet

If Alternate II completion, cement circulated from: 0

feet depth to: 2320 w/ 390 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 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: Deanne Gember Date: 02/27/2012



1069894

Operator Name: Patteson, Thomas Wade Lease Name: McSpadden Well #: 5  
 Sec. 34 Twp. 31 S. R. 10  East  West County: Elk

**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:  Compensated Density Sidewall Neutron Microlog	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" 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>pawnee</td> <td>-503</td> <td>-503</td> </tr> <tr> <td>fort scott</td> <td>-547</td> <td>-546</td> </tr> <tr> <td>Cherokee Shale</td> <td>-587</td> <td>-588</td> </tr> <tr> <td>Mississippi</td> <td>-878</td> <td>-877</td> </tr> <tr> <td>Kinderhook Shale</td> <td>-1130</td> <td>-1130</td> </tr> <tr> <td>Arbuckle</td> <td>-1174</td> <td>-1173</td> </tr> </table>	Name	Top	Datum	pawnee	-503	-503	fort scott	-547	-546	Cherokee Shale	-587	-588	Mississippi	-878	-877	Kinderhook Shale	-1130	-1130	Arbuckle	-1174	-1173
Name	Top	Datum																				
pawnee	-503	-503																				
fort scott	-547	-546																				
Cherokee Shale	-587	-588																				
Mississippi	-878	-877																				
Kinderhook Shale	-1130	-1130																				
Arbuckle	-1174	-1173																				

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
Casing	7.875	5.5	15.50	2320	thickset	390	surface
surface	12.25	8.625	23	40	type A	45	surface

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate	2281-2284			
<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	2281-2284		

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input checked="" 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
		Gravly

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 checked="" 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>2281-2375</u>
---	---	--

**STATEMENT**

09010

**ELMORE'S INC.**  
 Box 87 - 776 HWY99  
 Sedan, KS 67381  
 Cell: (620) 249-2519  
 Eve: (620) 725-5538

Date  
 12-29-11

Customer Wade Patterson  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Qty.	Description	Price	Amount
2	hr Pulling Unit	120.00	240.00
2	hr Cement Pump	110.00	220.00
2	hr Water Truck	85.00	170.00
1	Bank Tank	85.00	85.00
330	1/2" Tubing	.10	33.00
60	Sks Cement	10.00	600.00
			1340.00
	Cemented 5 1/2 casing		111.88
	330' To Surface with		1459.88
	60 Sks Cement.		
	McSpaden Well's		

Thank You - We appreciate your business!

Rec'd. by \_\_\_\_\_

TERMS: Account due upon receipt of services. A 1 1/2% Service Charge, which is an annual percentage rate of 18% will be charged to accounts after 30 days.



**CONSOLIDATED**  
Oil Well Services, L.L.C.

**ENTERED**

TICKET NUMBER 33505

LOCATION Flicker

FOREMAN Rick Ladford

Shannon Rice

PO Box 884, Cherokee, KS 66720  
820-431-8210 or 800-487-9876

**FIELD TICKET & TREATMENT REPORT**

**CEMENT**

API# 15-049-21500

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/22/11	6088	M <sup>c</sup> Spadden #5	34	31	10E	EM
CUSTOMER			C+G		Dr 13	
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
484 Osage trail			445	DAVE		
CITY			611 10 <sup>th</sup>	Chris B.		
STATE			477 2 <sup>nd</sup>	Allen B.		
ZIP CODE			637	Jim		
Mohe						
KS						
67353						

JOB TYPE L/S O HOLE SIZE 7 7/8" HOLE DEPTH 2375' CASING SIZE & WEIGHT 5 1/2" 15.50 lbm  
 CASING DEPTH 2323' Gd. DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER 2320' P570 Gd.  
 SLURRY WEIGHT 17.0-12.0 SLURRY VOL 101 Bbl WATER gal/ft 9.0.8.0 CEMENT LEFT IN CASING 3' On Top  
 DISPLACEMENT 55% @ 3.9 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up to 5 1/2" casing. Dr. Tool set @ 1521' below ground level. Set packer shoe @ 1100' P57. Pump 10 Bbl water ahead. Mixed 100% thickset cement w/ 5" Kel-seal/1% + 1" phenoxal/1% @ 12.0'/gal. Washout pump + loss, release floppies. Displace w/ 55% @ 1.0 gal water. Final pump pressure 700 P57. Pump plus @ 1000 P57. Release pressure. First + plug ball top to bank wait 2 min. Open tool @ 1200 P57. Circulate cement to surface w/ mud pump @ 8 Bbl slurry to pipe. Circulate for 2 hrs. Stage 1 complete. Stage 2 - Pump 10 Bbl water ahead. Mixed 220' @ 10/50 P57 cement w/ 2% gel + 1" phenoxal/1% @ 12.0'/gal. Washout pump + loss, release casing plug. Displace w/ 36.4 Bbl water. Final pump pressure 700 P57. Release tool @ 1200 P57. Pump plus @ 1100 P57. Release pressure. Plug ball. Good circulation @ 92 times while cementing. No cement returns to surface. Job complete. Rig down.

"Thank You"

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	1030.00	1030.00
5406	90	MILEAGE	4.00	1160.00
5901	1	2 <sup>nd</sup> stage	1030.00	1030.00
1120A	110 sacks	thickset cement	19.20	2112.00
1109	550 #	5" Kel-seal/1% } 1 <sup>st</sup> stage	.46	253.00
1102A	110 #	1" phenoxal/1%	1.29	141.90
1131	220 sacks	60/50 P57 cement	12.55	2761.00
1118B	1515 #	8% gel	.21	318.15
1102	220 #	1" phenoxal/1%	1.29	283.80
5407A	15 5'	600 milamp bulk trees #2	1.34	201.00
5502C	4 hrs	80 Bbl hrs. 72K	90.00	360.00
1123	3000 gals	city water	16.20/1000	49.20
4104	2	5 1/2" bonnets	229.00	458.00
4130	7	5 1/2" x 27 1/2" connections	48.00	192.00
4253	1	5 1/2" Type A Packer shoe	1589.00	1589.00
4277	1	5 1/2" O.V. Tool	3220.00	3220.00
4310	1	5 1/2" float collar body only	212.50	212.50
4310	1	5 1/2" stop ring	30.00	30.00
4310	1	thread loss kit	30.00	30.00

ESTIMATED TOTAL 15,062.19

AUTHORIZATION Jessie Nelson TITLE 246690 DATE 6/26/11

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

