



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

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

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 #: \_\_\_\_\_

Spud Date or Recompletion Date      Date Reached TD      Completion Date or Recompletion Date

API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

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

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ 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 #: \_\_\_\_\_

**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: \_\_\_\_\_ Date: \_\_\_\_\_



1095260

Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**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 type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input 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  Name Top Datum
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CASING RECORD <input 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ 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:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  
 Flowing    Pumping    Gas Lift    Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input 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 <i>(Specify)</i> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Neal LaFon Realty Inc. dba Meridian Energy Inc.
Well Name	Carmichael 1
Doc ID	1095260

Tops

Name	Top	Datum
Anhydrite	1518	+643
Topeka	3112	-951
Heebner	3326	-1165
Toronto	3346	-1185
Kansas City	3368	-1207
Cong	3585	=1424
Simp Dolo	3600	-1439
Arbuckle	3703	-1542

## WELL REPORT

**Well: Meridian Energy Inc. #1 Carmichael**  
**Approx. 1175' fnl x 1555' fwl**  
**Approx c W/2 E/2 NW/4 Section 33**  
**T. 9 S., R. 18W.**  
**Rooks County, Kansas**

**Elevation: GL 2155**  
**KB 2161**

**Total Depth: Driller 3750 Logger 3748**

**Date spuded: 5/30/12**

**Date completed: 6/6/12**

**Drill Stem Test: 3 tests Topeka, Kansas City, Simpson dolomite**

**Results: Plugged and Abandoned**

**Drilling Contractor: Royal Drilling, Rig 2**

**Mud Contractor: Andy's Mud**

**Logs Run: Log-Tech- Dual Induction Log/ Neutron/Density**

**Wellsite Geologist: Neal LaFon- Franktown, Colorado**

### FORMATION TOPS

<b>Anhydrite</b>	<b>1518</b>	<b>+643</b>
<b>Topeka</b>	<b>3112</b>	<b>- 951</b>
<b>Heebner</b>	<b>3326</b>	<b>-1165</b>
<b>Toronto</b>	<b>3346</b>	<b>-1185</b>
<b>Kansas City</b>	<b>3368</b>	<b>-1207</b>
<b>Conglomerate</b>	<b>3585</b>	<b>-1424</b>
<b>Simpson Dolomite</b>	<b>3600</b>	<b>-1439</b>
<b>Simpson Dolomite pay</b>	<b>3680</b>	<b>-1519</b>
<b>Arbuckle</b>	<b>3703</b>	<b>-1542</b>
<b>Total Depth</b>	<b>3750</b>	

**SAMPLE DESCRIPTIONS**  
**10' SAMPLES LAGGED AND CORRELATED BACK TO LOG**

<b>Topeka Limestone</b>	<p>3112-3126 Ls, wt, f xtln-med xtln, hd, tt, NS</p> <p>3126-3136 Ls, a/a, some gray, microxtln, hd, tt, NS</p> <p>3136-3152 Ls, gray, micro xtln, hd, tt, NS</p> <p>3162-3188 Ls, buff, f xtln- micro xtln, hd, tt, NS</p> <p>3190-3206 Ls, brn, f-m xtln, hd, tt, some Ls, wt, chalky</p> <p>3222-3234 Ls, gray, micro xtln, tt, NS</p> <p>3234-3250 Ls, wt, micro xtln, hd, tt, NS</p> <p>3250-3290 mix L, brn, f-m xtln, Ls, wt, micro xtln, tt, NS</p> <p>3292-3300 Ls, wt, f xtln, pin pt vug por, w drk oil stn, GSFO, some tighter looking, ingtergran por, w.stn GDFO when crushed. Oil scum "on cups".</p> <p>3300-3334 Ls. buff, micro xtln, hd, tt, NS (cfs DST #1)</p>
<b>Toronto</b>	<p>3346-3382 Ls, wt, vf xtln, hd, tt, NS</p>
<b>Kansas City</b>	<p><b>A</b> 3368-3378 Ls, wt, f xtln, granular, f grainstn, abun pin pt vug w/blk stn, GSFO, tr foss. W/moldic por, fair amt of show, gd oil scum on cups. DST #2</p> <p><b>B</b> 3378-3392 Ls, cherty, micro xtln, hd, tt, NS</p> <p><b>C</b> 3402-3412 Ls, buff, f-m xtln, hd, tt, NS</p> <p><b>D</b> 3420-3455 Ls, wt, micro xtln, s ome f xtln, w/poor vug pinpt lt stn, PSFP-FSFO, slme ls, microxtln, w/scat vug por, por, pinpt/w blk/stn PSFO, rock is generally tite, PSFO.</p> <p><b>E-F</b> 3438-3450 Ls, wt, micro xtln, hd, tt, NS</p> <p><b>G</b> 3450-3460 Ls, wt, soft-chalky, NS  3460-3486 Ls, wt-gray, micro xtln, hd, tt, NS</p> <p><b>H</b> 3498-3511 Lost Circ @ 3519- no returns over this interval</p> <p><b>I</b> 3518-3596 Ls, wt, micro xtln, hd, tt, NS tr Ls, buff tr vf poor intergran por, v lt stn NSFO</p> <p><b>J</b> 3558-3586 Ls, wt, micro xtln, tt, NS</p>
<b>Simpson Dolomite</b>	<p>3600-3670 Chert, brn, wt, abun dead oil stn NSFO</p>

Simpson Dolomite Pay 3682-3684 Dolo, clear-wt, f-m grnstn, so me vugular, exc p  
and p, blk stn GSFO DST #3- tite

3684-3702 Sh, blue, green, red, gray,

Arbuckle 3702- 3710 Dolo, wt, pink, f xtlm, hd, tt, NS some w/dead bitumen,  
couple pieces vugular, f granular/rextlized, gd  
por, blk stn GSFO, hardly any with good live oil  
show.

3710- 3720 Dolo, wt, brn, f xtlm, rextlized, hd, tt, NS

3720-3730 Dolo, wt, lots of dead bitumen, hd, tt, NS

3730-3750 Dolo, wt-brn, some very friable, some v hard, no bitumen,  
NS

#### BIT RECORD:

1 7 7/8 QX20 out at 3750 made 3529

#### MUD RECORD

6/3/12	@3285'	WT 9.0	VIS 49	WL 10.2	MC 1/16
6/4/12	@ 3395	WT 9.2	VIS 51	WL 9.6	MC 1/32
6/5/12	@ 3730	WT 8.8	VIS 64	WL 12	MC 1/16

#### DEVIATIONS

@211	1
@ 3395	1 1/4

#### DRILL STEM TESTS

Dst #1 3290-3334 OP 2 SI 45 OP 45 SI 45  
Rec 15' M w/oil scum  
FP 29-30 31-32  
SIP 1080-757

Dst #2 3365-3395 OP 2 SI 45 OP 45 SI 45  
Rec: 5 ' M w/oil scum  
FP 12-13 14-15

**SIP 938-734**

**Dst #3 3677-3705 OP 5 SI 30 OP 60 SI 30**

**Rec 30' M**

**FP 17-19 22-25**

**SIP 1013-760**

### **COMMENTS**

**This well came in structurally high to offsetting producing wells to the west in the Kansas City, Simpson Dolomite and Arbuckle. We had a few excellent shows that were tested negatively. We gained considerable structure lower in the section in the Simpson "pay" and Arbuckle dolomite. The Simpson which produces in the area was high to producing wells to the west and had what appeared to be excellent reservoir quality rock in the samples, but apparently was tight, with no permeability. The Arbuckle was devoid of porous rock and had no shows of live oil. This well could be described as being "high and tight".**

# ALLIED OIL & GAS SERVICES, LLC 056417

Federal Tax I.D.# 20-5975804

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

SERVICE POINT  
*Russell Ks.*

DATE <u>5-30-12</u>	SEC. <u>33</u>	TWP. <u>9</u>	RANGE <u>19W</u>	CALLED OUT	ON LOCATION	JOB START <u>6:00PM</u>	JOB FINISH <u>6:30PM</u>
LEASE <u>Chromatog</u>		WELL <u>134</u>		LOCATION <u>Plainville Ks. 1w 1/8s 1/2w</u>		COUNTY <u>ROOKS</u>	STATE <u>KANSAS</u>
OLD OR NEW (Circle one) <u>NEW</u>							

CONTRACTOR Royal D&L G. Rig # 2  
 TYPE OF JOB Cement Surface  
 HOLE SIZE 12 1/4 T.D. 211  
 CASING SIZE 8 5/8 New DEPTH 211  
 TUBING SIZE 20 # CSG DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15'  
 PERFS.  
 DISPLACEMENT 12 1/2 BBL

OWNER  
 CEMENT  
 AMOUNT ORDERED 180 sx Com.  
2% Gel  
3% cc  
 COMMON 180 sx @  
 POZMIX @  
 GEL 3 sx @  
 CHLORIDE 5 sx @  
 ASC @  
 HANDLING @  
 MILEAGE

EQUIPMENT  
 PUMP TRUCK CEMENTER Gleary G.  
 # 417 HELPER Woody O.  
 BULK TRUCK  
 # 481 DRIVER Cody H.  
 BULK TRUCK  
 # DRIVER

REMARKS:

Ran 5 new joints of 11 3/4" CSG  
Set @ 211, securing circulation  
1 Cement w/ 130sx Comma 3% cc & 2% gel  
Displaced per 11 1/2" of shut in @  
250 ft.  
Cement did circulate to surface

Neel LaFon Realty Inc/DBA  
MORIDAN ENERGY

CHARGE TO  
 STREET  
 CITY STATE ZIP

SERVICE

DEPTH OF JOB  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 MANIFOLD @

TOTAL

PLUG & FLOAT EQUIPMENT

To: Allied Oil & Gas Services, LLC.



# ALLIED CEMENTING CO., LLC. 034653

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

RUSSELL

DATE <u>6-6-12</u>	SEC <u>33</u>	TWP <u>9</u>	RANGE <u>18</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30</u>	JOB FINISH <u>1PM</u>
LEASE <u>CARMICHAEL</u>		WELL # <u>1</u>	LOCATION <u>Plainville 1<sup>W</sup> - 1/8<sup>S</sup></u>		COUNTY <u>Rooks</u>	STATE <u>KS</u>	
OLD OR <u>(NEW)</u> (Circle one)			<u>1/2<sup>W</sup> - SOUTH INTO</u>				

CONTRACTOR <u>ROYAL #2</u>	OWNER
TYPE OF JOB <u>PTA</u>	CEMENT
HOLE SIZE <u>7 7/8</u>	T.D. <u>3703</u>
CASING SIZE <u>8 7/8</u>	DEPTH <u>201</u>
TUBING SIZE	DEPTH
DRILL PIPE <u>4 1/2</u>	DEPTH <u>3703</u>
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

AMOUNT ORDERED 75 SK CLASS A 3% CC  
210 SK 60/40 480 GAL 1/4 # FLO-SEAL

COMMON	<u>201</u>	@ <u>16.25</u>	<u>3266.25</u>
POZMIX	<u>84</u>	@ <u>8.50</u>	<u>714.00</u>
GEL	<u>7</u>	@ <u>21.25</u>	<u>148.75</u>
CHLORIDE	<u>3</u>	@ <u>58.20</u>	<u>174.60</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>294</u>	@ <u>2.25</u>	<u>661.50</u>
MILEAGE	<u>30 x 294 x .11</u>		<u>970.20</u>
	<u>8820</u>		
		TOTAL	<u>5935.30</u>

EQUIPMENT

PUMP TRUCK # <u>409</u>	CEMENTER <u>Bob Smith</u>
	HELPER <u>Tony</u>
BULK TRUCK # <u>473</u>	DRIVER <u>Robert Y</u>
BULK TRUCK # <u>410</u>	DRIVER <u>Bob Smith</u>

REMARKS:

- P1 - 3703' - 25 SK A 3% CC
- P2 - 3368' - 50 SK A 3% CC
- P3 - 1540' - 25 SK 60/40
- P4 - 930' - 100 SK 60/40
- P5 - 260' - 40 SK 60/40
- P6 - 40' - 10 SK 60/40
- RAT - 20 SK 60/40
- MOUSE - 15 SK 60/40

SERVICE

DEPTH OF JOB	<u>3703</u>	
PUMP TRUCK CHARGE		<u>1250.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>Heavy 30 @ 7.00</u>	<u>210.00</u>
MANIFOLD	@	
<u>Ldv</u>	<u>30 @ 4.00</u>	<u>120.00</u>
	@	

CHARGE TO: MERIDIAN ENERGY

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 1580.00

PLUG & FLOAT EQUIPMENT

<u>8 7/8 wooden plug</u>	@	<u>64.00</u>
	@	
	@	
	@	
	@	

TOTAL 64.00

To Allied Cementing Co., LLC.  
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) 472.49

TOTAL CHARGES 7579.30

PRINTED NAME Doug Budrig

DISCOUNT 20/50 1905.92 - IF PAID IN 30 DAYS

SIGNATURE Doug Budrig

Net 5,673.38 before tax  
BS  
6-6-12