



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1256049  
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx)      (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

- Confidentiality Requested  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



1256049

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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  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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	SMU 108
Doc ID	1256049

All Electric Logs Run

ANNULAR HOLE VOLUME PLOT
ARRAY COMPENSATED TRUE RESISTIVITY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2 INCH
BOREHOLE COMPENSATED SONIC ARRAY LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG
QUAD COMBO LOG
REPEAT SECTION

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	SMU 108
Doc ID	1256049

Tops

Name	Top	Datum
HEEBNER	3759	
TORONTO	3776	
LANSING	3837	
KANSAS CITY	4157	
PAWNEE	4387	
CHEROKEE	4431	
ATOKA	4560	
MORROW	4643	
ST GENEVIEVE	4776	
ST LOUIS	4839	

# ALLIED OIL & GAS SERVICES, LLC 065257

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999  
SOUTHLAKE, TEXAS 76092

SERVICE POINT:  
*Liberal Ks #21*

DATE <u>3-1-15</u>	SEC. <u>28</u>	TWP. <u>23s</u>	RANGE <u>34w</u>	CALLED OUT	ON LOCATION	JOB START <u>1:30pm</u>	JOB FINISH <u>2:30pm</u>
LEASE <u>SMU</u>	WELL # <u>110</u>	LOCATION <u>Gardencity Ks, on Hwy 50 west</u>			COUNTY <u>Finney</u>	STATE <u>Ks</u>	
OLD OR (NEW) Circle one		to cr Ks/Nebraska, 1.5 mile North, West into					

CONTRACTOR <u>Saxon #146</u>	OWNER
TYPE OF JOB <u>Surface</u>	
HOLE SIZE <u>12 1/4</u>	T.D. <u>1700</u>
CASING SIZE <u>8 5/8 17#</u>	DEPTH <u>1700.74</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>41.25</u>
CEMENT LEFT IN CSG. <u>2.6 BBL</u>	
PERFS.	
DISPLACEMENT <u>106 BBL</u>	

EQUIPMENT	
PUMP TRUCK CEMENTER <u>Edgar Rodriguez</u>	
# <u>549-550</u> HELPER <u>Alex Ayala</u>	
BULK TRUCK	
# <u>994-642</u> DRIVER <u>Juan Camillo</u>	
BULK TRUCK	
# <u>774-744</u> DRIVER <u>Cesar Garcia</u>	

CEMENT		
AMOUNT ORDERED <u>310<sup>st</sup> class C, 2 1/2" gyresalid 2" Nams</u>		
<u>3" cc, 1/4" # Floseal, 0.2" SASI</u>		
<u>240<sup>st</sup> class C Neut, 3" cc, 1/4" # Floseal</u>		
COMMON	@	
POZMIX	@	
GEL	@	
CHLORIDE <u>1552</u>	@ <u>1.10</u>	<u>1707.20</u>
ASC <u>AMD cement class c 310</u>	@ <u>31.00</u>	<u>9610.00</u>
<u>Floseal 138</u>	@ <u>2.97</u>	<u>409.86</u>
<u>SASI 59</u>	@ <u>17.55</u>	<u>1035.45</u>
<u>Premium Plus class c 240</u>	@ <u>24.40</u>	<u>5856.00</u>
	@	
	@	
	@	
	@	
	@	
	@	

Thank you!  
REMARKS:  
Well SMU 110  
AFE 2/4/194  
GL 83001075  
Office Halcumb Ks  
Date 3-1-15

TOTAL 18168.51

SERVICE

DEPTH OF JOB <u>Circulating iron @ 1125.00</u>		
PUMP TRUCK CHARGE <u>1 @</u>		<u>2213.75</u>
EXTRA FOOTAGE <u>LUM 50 @ 4.40</u>		<u>220.00</u>
MILEAGE <u>Hum 50 @ 7.70</u>		<u>385.00</u>
MANIFOLD <u>1 @ 275.00</u>		<u>275.00</u>
<u>Handling 615 @ 2.48</u>		<u>1525.20</u>
<u>Drayage 1366 @ 2.75</u>		<u>3756.50</u>

TOTAL 9500.45

CHARGE TO: Merit Energy  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

<u>Top plug Non/reat 1 @ 963.81</u>		<u>963.81</u>
<u>Float collar Non/reat 1 @ 1440.00</u>		<u>1440.00</u>
<u>Guide shoe 1 @ 460.00</u>		<u>460.00</u>
<u>Stop collar 1 @ 56.00</u>		<u>56.00</u>
<u>Centralizer 14 @ 75.00</u>		<u>1050.00</u>

TOTAL 3969.81

To: Allied Oil & Gas Services, 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) \_\_\_\_\_  
TOTAL CHARGES 32088.77

PRINTED NAME Kevin Scarborough  
SIGNATURE Kevin Scarborough

DISCOUNT \_\_\_\_\_  
Net - 17648.82  
- 833.33  
16815.49  
- IE PAID IN 30 DAYS (Do Not Discount)  
Credit for  
SMU # 109  
Surface pipe



# ALLIED OIL & GAS SERVICES, LLC 052827

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:  
Liberal ks

DATE <u>03-04-15</u>	SEC <u>28</u>	TWP. <u>23S</u>	RANGE <u>34 W.</u>	CALLED OUT	ON LOCATION	JOB START <u>2:00</u>	JOB FINISH <u>3:00 P.M.</u>
LEASE <u>SMU</u>	WELL # <u>110</u>	LOCATION <u>Garden City, W to Kan-Neb</u>		COUNTY <u>Finney</u>	STATE <u>Ks</u>		
OLD OR <input checked="" type="radio"/> NEW (Circle one)		CR, N 1 1/2 M, W 1/2 Into.					

CONTRACTOR <u>Saxon # 146</u>	OWNER <u>MERIT ENERGY</u>
TYPE OF JOB <u>Production</u>	
HOLE SIZE <u>7 7/8</u>	T.D. <u>4940 ft</u>
CASING SIZE <u>5 1/2 17 #</u>	DEPTH <u>9442.44 ft</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>1600 PSI</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>4 M, 65 ft</u>
CEMENT LEFT IN CSG. <u>1.0 BBIS</u>	
PERFS.	
DISPLACEMENT <u>114 BBIS</u>	
EQUIPMENT	
PUMP TRUCK CEMENTER <u>Ruben Chavez</u>	
# <u>531-541</u> HELPER <u>Ricardo Landa</u>	
BULK TRUCK	
# <u>994-642</u> DRIVER <u>Jose M. Garcia</u>	
BULK TRUCK	
#	DRIVER

CEMENT	AMOUNT ORDERED <u>240 sk 50/50 H-Poz</u>
	<u>2% Benz, 5% Gyp Sum, 10% Salt, 5 lbs sk</u>
	<u>Koh Seal, 1/4 lb sk Cello. Flakes, 5% FLA,</u>
	<u>2% Dispersant.</u>
COMMON	@
POZMIX	@
GEL	@
CHLORIDE	@
ASC 50/50 Poz H. <u>240 sk</u>	@ <u>21.79</u> <u>5229.60</u>
Huis Sweep <u>12 BBIS</u>	@ <u>25.00</u> <u>300.00</u>
Gyp Sum <u>1008 lb</u>	@ <u>.88</u> <u>887.04</u>
Sodium Chloride <u>1710 lb</u>	@ <u>.68</u> <u>958.80</u>
Koh Seal <u>1200 lb</u>	@ <u>.98</u> <u>1176.00</u>
Cellophan Flakes <u>60 lb</u>	@ <u>2.97</u> <u>178.20</u>
FLA - d.T. <u>101 lb</u>	@ <u>18.25</u> <u>1843.25</u>
Cement Dispersant <u>41 lb</u>	@ <u>7.73</u> <u>316.93</u>
	@
	@

REMARKS:

TOTAL 10,889.82

Well SMU 110  
AFE 44493  
GL 83001075  
Office Garden City  
Date 3/4/15

SERVICE

Mat Handling <u>385 ct @ 2.48</u>	<u>954.80</u>
PUMP TRUCK CHARGE	<u>2,765.75</u>
Dragage <u>609.54 T.M @ 2.75</u>	<u>1,676.25</u>
MILEAGE <u>Heavy 50 M. @ 7.70</u>	<u>385.00</u>
MANIFOLD <u>thead 1 @ 275.00</u>	<u>275.00</u>
Light Vehicle <u>50 M. @ 4.40</u>	<u>220.00</u>
Circ. Iron <u>1 @ 1125.00</u>	<u>1125.00</u>

CHARGE TO: MERIT ENERGY  
STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL 7,401.80

PLUG & FLOAT EQUIPMENT

Guide Shoe <u>1 @</u>	<u>281.00</u>
G.S. Float Collar <u>1 @</u>	<u>725.00</u>
Centralizer <u>20 @ 57.00</u>	<u>1,140.00</u>
Top rubber plug <u>@</u>	<u>258.26</u>
Stop Collar <u>1 @</u>	<u>49.00</u>

TOTAL 2,453.26

To: Allied Oil & Gas Services, 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) \_\_\_\_\_  
TOTAL CHARGES 20,744.88  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

PRINTED NAME Early Zion  
SIGNATURE [Signature]

NET = 11,409.68  
833.33 Credit smu 109  
10576.35 Not Discounted