

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

Confidentiality Requested:

 Yes No

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

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 DistributionALT I II III Approved by: _____ Date: _____

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

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	HALL 11
Doc ID	1257515

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 INCH
BOREHOLE COMPENSATED SONIC ARRAY LOG
DUAL SPACED NEUTRON SPECTRAL DENSITY LOG
MICROLOG
QUAD COMBO LOG
REPEAT SECTION

Summary of Changes

Lease Name and Number: HALL 11

API/Permit #: 15-081-22086-00-00

Doc ID: 1257515

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	03/17/2015	07/10/2015
Contractor License Number	35070	99975
Contractor Name	Saxon Drilling, LP	COMPANY SERVICING TOOLS
Kelly Bushing Elevation	2895	2894
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1245724	../../kcc/detail/operatorEditDetail.cfm?docID=1257515



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1245724
OIL & GAS CONSERVATION DIVISION

Form ACO-1

August 2013

Form must be Typed

Form must be Signed

All blanks must be Filled

CONFIDENTIAL 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: _____

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 Geologist Report / Mud Logs <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				

1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	HALL 11
Doc ID	1245724

All Electric Logs Run

ARRAY COMPENSATED TRUE RESISTIVITY LOG
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1 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	HALL 11
Doc ID	1245724

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
6	4679-4687 Kansas City		4679-4687

ALLIED OIL & GAS SERVICES, LLC 064554

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Liberal KS

DATE <u>11-24-14</u>	SEC. <u>16</u>	TWP. <u>30S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00AM</u>	JOB FINISH <u>9:00AM</u>
LEASE <u>Hall</u>		WELL # <u>11</u>		LOCATION <u>subletters, south on Hwy 83 to CR 200, 2 miles East, North into</u>		COUNTY <u>Haskell</u>	STATE <u>KS.</u>
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Saxon #142</u>		OWNER
TYPE OF JOB <u>Surface</u>		
HOLE SIZE <u>12 1/4</u>	T.D. <u>1575</u>	CEMENT
CASING SIZE <u>8 5/8 24#</u>	DEPTH <u>1581</u>	AMOUNT ORDERED <u>275^{SC} Class C, 275^{SC} Class A, 27^{SA-51}</u>
TUBING SIZE	DEPTH	<u>3" CC, 1/4" Flossal, 0.2" SA-51</u>
DRILL PIPE	DEPTH	<u>230^{SC} Class A Neat, 3" CC, 1/4" Flossal</u>
TOOL	DEPTH	
PRES. MAX	MINIMUM	COMMON _____ @ _____
MEAS. LINE	SHOE JOINT <u>40.86</u>	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>2.6 BBL</u>		GEL _____ @ _____
PERFS.		CHLORIDE <u>19^{SC}/10</u> @ <u>64.00</u> <u>1,216.00</u>
DISPLACEMENT <u>98 BBL</u>		ASC _____ @ _____
EQUIPMENT		<u>AM B Cement class c 275</u> @ <u>31.00</u> <u>8525.00</u>
		<u>Flossal 127 1/4</u> @ <u>2.97</u> <u>377.19</u>
		<u>SA-51 52 1/2</u> @ <u>17.55</u> <u>912.60</u>
		<u>Class C premium plus 230</u> @ <u>24.40</u> <u>5,612.00</u>
		_____ @ _____
		_____ @ _____
		_____ @ _____
		_____ @ _____
		_____ @ _____
		_____ @ _____

PUMP TRUCK CEMENTER Cesar Jimia
530-484 HELPER Herberto Valverde

BULK TRUCK DRIVER Andres Zebic
993-1066

DRIVER Well Hall H HANDLING _____ @ _____

REMARKS: AFE 34445 MILEAGE _____ @ _____

GL 8300 1075 "OTAL 16,642.79

Office Liberal KS

Date 11/24/14

DEPTH OF JOB <u>Circumference 10</u>	400.00
PUMP TRUCK CHARGE <u>10</u>	<u>2213.75</u>
EXTRA FOOTAGE <u>LVM 50</u>	<u>2.60 220.00</u>
MILEAGE <u>HVM 50</u>	<u>7.70 385.00</u>
MANIFOLD <u>1</u>	<u>275.00 275.00</u>
<u>Handling 5634</u>	<u>2.48 1397.24</u>
<u>Drayage 1252.68</u>	<u>2.60 3258.89</u>
TOTAL <u>8,147.88</u>	

CHARGE TO: Merit Energy

STREET Box 1295

CITY Liberal STATE KS ZIP 67905

PLUG & FLOAT EQUIPMENT

<u>Top plug N-Rotating 1</u>	@ <u>963.81</u>	<u>963.81</u>
<u>Float collar N-Rotating 1</u>	@ <u>1440.00</u>	<u>1440.00</u>
<u>Grade shoe 1</u>	@ <u>400.00</u>	<u>400.00</u>
<u>Centralizer 14</u>	@ <u>75.00</u>	<u>1050.00</u>
<u>Stop collar 1</u>	@ <u>56.00</u>	<u>56.00</u>
TOTAL		<u>3969.81</u>

To: Allied Oil & Gas Services, LLC.
You are hereby requested to rent cementing equipment and furnish cement 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 28,762.48

DISCOUNT _____) IF PAID IN 30 DAYS

Net - 19269.53

PRINTED NAME Jame Carter

SIGNATURE Jame Carter

Thank you!

ALLIED OIL & GAS SERVICES, LLC 064510

Federal Tax I.D. # 20-8651475

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

SERVICE POINT: Liberal, ks

DATE <u>11-28-14</u>	SEC. <u>16</u>	TWP. <u>30S</u>	RANGE <u>32W</u>	CALLED OUT	ON LOCATION <u>7:00 PM</u>	JOB START <u>11:07 PM</u>	JOB FINISH <u>12:20 AM</u>
LEASE <u>Hall</u>	WELL # <u>11</u>	LOCATION <u>Liberal, ks</u>			COUNTY <u>Haskell</u>	STATE <u>ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Saxon 142

TYPE OF JOB Production

HOLE SIZE <u>7 7/8</u>	T.D. <u>5163</u>
CASING SIZE <u>5 7/8</u>	DEPTH <u>6151</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX <u>3000 psi</u>	MINIMUM
MEAS. LINE	SHOE JOINT <u>43.97</u>
CEMENT LEFT IN CSG. <u>43.97 ft</u>	
PERFS.	
DISPLACEMENT <u>118 bbls</u>	

OWNER Merit Energy

CEMENT AMOUNT ORDERED 190 Skts 50/50 po2 Class #1.
27% gel, 5% gypsum, 10% Sodium, 51 bbls Gilsontite,
0.25 lb/sk flo seal, 0.5% ft-1160, 0.2% dispersant.

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
Super Flush	12 bbls @	58.70	704.40
50/50 po2-Class #1	190 Skts @	16.85	3201.50
Gypseal	16 Skts @	37.60	601.60
Sulf	12 Skts @	26.35	316.20
Gilsontite	950 # @	0.98	931.00
Hoseal	48 # @	2.97	142.56
ft-1160	80 # @	18.90	1512.00
CD-31	32 # @	10.30	329.60
	@		

EQUIPMENT

PUMP TRUCK CEMENTER	<u>Edgar Rodriguez</u>
# <u>549-550</u>	HELPER <u>Alex Ayala</u>
BULK TRUCK	
# <u>705-842</u>	DRIVER <u>Ivan Carrillo</u>
BULK TRUCK	
#	DRIVER

REMARKS:

TOTAL 7738.86

Well Hall #11
AFE 34445
GL 83001075
Office Liberal
Date 11/28/14

SERVICE

DEPTH OF JOB		<u>5151'</u>
PUMP TRUCK CHARGE 1	<u>3099.25</u>	<u>3099.25</u>
	Light 50 mi @ <u>4.40</u>	<u>220.00</u>
MILEAGE	Heavy 60 mi @ <u>7.70</u>	<u>385.00</u>
MANIFOLD	1 @ <u>275.00</u>	<u>275.00</u>
	Handling <u>256 ft³</u>	@ <u>2.48</u> <u>634.89</u>
	Drumage <u>402.56 Ton</u>	@ <u>2.60</u> <u>1254.64</u>
	Circulating From 1	<u>400.00</u> 400.00
		TOTAL <u>6268.78</u>

CHARGE TO: Merit Energy

STREET _____

CITY _____ STATE _____ ZIP _____

Liberal - Hall 11 - Kansas - Haskell - 16 - 305-32W

PLUG & FLOAT EQUIPMENT

Guide Shoe	1 @	<u>280.80</u>	<u>280.80</u>
Swire Seal Plant Collar	1 @	<u>725.40</u>	<u>725.40</u>
Centralizer	20 @	<u>57.33</u>	<u>1146.60</u>
Clamp / Stop Collar	1 @	<u>49.14</u>	<u>49.14</u>
Top Rubber Plug	1 @	<u>258.26</u>	<u>258.26</u>
		TOTAL	<u>2460.20</u>

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 16,467.84

DISCOUNT _____ .F PAID IN 30 DAYS

PRINTED NAME Early Zion

SIGNATURE [Signature]

Net 2 11033.45