

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

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

Gas DH EOR

OG GSW

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 EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs 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	STALEY EAST 1-22
Doc ID	1410278

All Electric Logs Run

ANNULAR HOLE VOLUME
ARRAY COMPENSATED TRUE RESISTIVITY LOG 1
ARRAY COMPENSATED TRUE RESISTIVITY LOG 2
ARRAY COMPENSATED TRUE RESISTIVITY LOG 5
BOREHOLE COMPENSATED SONIC ARRAY LOG
MICROLOG
QUAD COMBO LOG
REPEAT PASS
SPECTRAL DENSITY DUAL SPACED NEUTRON LOG

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	STALEY EAST 1-22
Doc ID	1410278

Tops

Name	Top	Datum
STRK SH	4331	
MARMATON	4461	
ALTAMONT	4482	
PAWNEE	4548	
ATOKA	4738	
MORROW	4771	
ST GENEVIEVE	4821	
ST LOUIS "A"	4905	
ST LOUIS "C"	4984	
ST LOUIS "D"	5023	

Form	ACO1 - Well Completion
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Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	5023	5031			St Louis "C" Acid-47.5 bbls 15% 30 bbls flush, 25 bio balls
4	4906	4913			St Louis "B" Acid-47.6 bbls 15% HCL, 20 bio balls
4	4959	4965			St Louis "B" " "
			CIBP Cast Iron Bridge Plug	4827	
4	4467	4470			St Louis "A" Acid- 46.7 bbls of 15% HCL 20 bio balls, 30 bbls of 2% KCL flush. FRAC-275 bbls, 238 bbls total X-Link frac 37 bbls total L-Frac, 30,015 lbs totla 16/30 Arizona, 795,0000 SCF total N2

Form	ACO1 - Well Completion
Operator	Merit Energy Company, LLC
Well Name	STALEY EAST 1-22
Doc ID	1410278

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	4482	4486			St Louis "A" " "
			CIBP Cast Iron Bridge Plug	4479	
			CIBP Cast Iron Bridge Plug	4405	

FIELD TICKET

Client MERIT ENERGY COMPANY

Well Staley East 1-22

Job Description Surface

Date January 28, 2018

Field Ticket # FT-03143-R1K9X90202-54040



MATERIALS

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
L488168	CEMENT, ASTM TYPE I	SK	650.0000	\$44.11	\$28,671.50	76.00	\$6,881.16
L415082	IntegraSeal KOL	LB	2,375.0000	\$1.20	\$2,850.00	76.00	\$684.00
L100404	SALT,SODIUM CHLORIDE, A-5	LB	1,151.0000	\$1.04	\$1,197.04	76.00	\$287.29
L100120	EXTENDER, BENTONITE	LB	1,786.0000	\$2.08	\$3,714.88	76.00	\$891.58
L100318	CEMENT EXTENDER, GYPSUM, A-10	LB	893.0000	\$0.72	\$642.96	76.00	\$154.32
L015399	Float collars with poppet valve, 8-5/8 in.	EA	1.0000	\$0.00	\$0.00	0.00	\$0.00
L100275	CEMENT EXTENDER, SODIUM METASILICATE, A-2	LB	893.0000	\$3.28	\$2,929.04	76.00	\$702.97
L100112	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	LB	1,669.0000	\$2.40	\$4,005.60	76.00	\$961.35
L100295	IntegraSeal CELLO	LB	325.0000	\$5.76	\$1,872.00	76.00	\$449.28
L017120	BASKET,CEM,08.625" METAL	EA	1.0000	\$885.50	\$885.50	76.00	\$212.52
L013156	Cement Nose, 8-5/8 in.	EA	1.0000	\$460.00	\$460.00	76.00	\$110.40
L017068	CENTRALIZER,8-5/8"NON-WELD	EA	10.0000	\$246.40	\$2,464.00	76.00	\$591.36
L016033	Float Collars with aluminum flapper, 8-5/8 in.	EA	1.0000	\$1,214.00	\$1,214.00	76.00	\$291.36
LB6718	PLUG,CEMENT 8.6 TOP BJPL	EA	1.0000	\$287.04	\$287.04	76.00	\$68.89
Product Material Subtotal:					\$51,193.56		\$12,286.48

SERVICES

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
S-100004	Cement Crew Mobilization-Demobilization Fee	EA	1.00	\$10,880.00	\$10,880.00	91.00	\$979.200
S-100475	Cement head	EA	1.00	\$2,656.00	\$2,656.00	91.00	\$239.040
S-100049	Cement pump charge, 1,001-2,000 feet/ 301-600 m	4/HR	1.00	\$4,680.00	\$4,680.00	91.00	\$421.200

Cementing Treatment



Start Date	1/27/2018	Well	Staley East 1-22
End Date	1/28/2018	County	Stevens
Client	MERIT ENERGY COMPANY	State/Province	KS
Client Field Rep	Rodney Gonzales	API	15-055-22476
Service Supervisor		Formation	
Field Ticket No.		Rig	
District	Liberal, KS	Type of Job	Surface

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade	Thread
Open Hole	12.25			1,777.00	1,777.00	130.00		
Casing	8.10	8.63	24.00	1,767.00	1,767.00		J 55	LTC
Open Hole	12.25			1,777.00	1,777.00	0.00		

Shoe Length (ft): 41

HARDWARE

Bottom Plug Used?	No	Tool Type	Float Collar
Bottom Plug Provided By		Tool Depth (ft)	1,725.78
Bottom Plug Size		Max Tubing Pressure - Rated (psi)	
Top Plug Used?	Yes	Max Tubing Pressure - Operated (psi)	
Top Plug Provided By	BJ	Max Casing Pressure - Rated (psi)	
Top Plug Size	8.625	Max Casing Pressure - Operated (psi)	
Centralizers Used	Yes	Pipe Movement	
Centralizers Quantity	8.00	Job Pumped Through	No Manifold
Centralizers Type	Bow	Top Connection Thread	LTC
Landing Collar Depth (ft)	1,726	Top Connection Size	8.625

CIRCULATION PRIOR TO JOB

Cementing Treatment



Well Circulated By	Rig	Solids Present at End of Circulation	No
Circulation Prior to Job	Yes	10 sec SGS	
Circulation Time (min)	45.00	10 min SGS	
Circulation Rate (bpm)	7.00	30 min SGS	
Circulation Volume (bbls)		Flare Prior to/during the Cement Job	No
Lost Circulation Prior to Cement Job	No	Gas Present	No
Mud Density In (ppg)		Gas Units	
Mud Density Out (ppg)			
PV Mud In			
PV Mud Out			
YP Mud In			
YP Mud Out			

TEMPERATURE

Ambient Temperature (°F)	30.00	Slurry Cement Temperature (°F)	52.00
Mix Water Temperature (°F)	50.00	Flow Line Temperature (°F)	53.00

BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Lead Slurry	Multi Density Cement	12.1000	2.5793	14.53	475	1,205.0000	214.5000
Tail Slurry	Class A Cement	15.2000	1.2692	5.74	175	222.0000	39.4000
Displacement Final	Displacement	8.3400				0.0000	110.1000

Fluid Type	Fluid Name	Component	Concentration	UOM
Lead Slurry	Multi Density Cement	SALT,SODIUM CHLORIDE, A-5	2.0000	BWOW
Lead Slurry	Multi Density Cement	CEMENT EXTENDER, SODIUM METASILICATE,	2.0000	BWOB

Cementing Treatment



A-2

Lead Slurry	Multi Density Cement	IntegraSeal KOL	5.0000 LBS/SK
Lead Slurry	Multi Density Cement	CEMENT, ASTM TYPE I	100.0000 PCT
Lead Slurry	Multi Density Cement	CEMENT EXTENDER, GYPSUM, A-10	2.0000 BWOB
Lead Slurry	Multi Density Cement	EXTENDER, BENTONITE	4.0000 BWOB
Lead Slurry	Multi Density Cement	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	3.0000 BWOB
Lead Slurry	Multi Density Cement	IntegraSeal CELLO	0.5000 LBS/SK
Tail Slurry	Class A Cement	ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS	2.0000 BWOB
Tail Slurry	Class A Cement	CEMENT, ASTM TYPE I	100.0000 PCT
Tail Slurry	Class A Cement	IntegraSeal CELLO	0.5000 LBS/SK

TREATMENT SUMMARY

Time	Fluid	Rate (bpm)	Fluid Vol. (bbls)	Pipe Pressure (psi)	Annulus Pressure (psi)	Comments
	Multi Density Cement	0.00	214.50			
	Class A Cement	0.00	39.40			
	Displacement	0.00	110.10			

	Min	Max	Avg
Pressure (psi)	0.00	3,000.00	200.00
Rate (bpm)	3.00	7.50	7.00

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ	Amount of Cement Returned/Reversed	50.00
Calculated Displacement Volume (bbls)	109.93	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	109.93	Amount of Spacer to Surface	10.00
Did Float Hold?	Yes	Pressure Left on Casing (psi)	0.00

FIELD TICKET

Client MERIT ENERGY COMPANY

Well Staley East 1-22

Job Description Long String

Date February 01, 2018

Field Ticket # FT-03320-C8H2Z30202-43240



MATERIALS

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
L100295	IntegraSeal CELLO	LB	54.0000	\$5.76	\$311.04	78.00	\$68.43
L100318	CEMENT EXTENDER, GYPSUM, A-10	LB	1,213.0000	\$0.72	\$873.36	78.00	\$192.14
L488735	IntegraGuard BOND IIA Concentrate	GAL	12.0000	\$159.60	\$1,915.20	78.00	\$421.34
L415082	IntegraSeal KOL	LB	1,075.0000	\$1.20	\$1,290.00	78.00	\$283.80
L488168	CEMENT, ASTM TYPE I	SK	215.0000	\$44.11	\$9,483.65	78.00	\$2,086.40
L100404	SALT,SODIUM CHLORIDE, A-5	LB	1,718.0000	\$1.04	\$1,786.72	78.00	\$393.08
L100120	EXTENDER, BENTONITE	LB	405.0000	\$2.08	\$842.40	78.00	\$185.33
20000018	CFL-210	LB	102.0000	\$22.72	\$2,317.44	78.00	\$509.84
L101196	Foam Preventer, FP-25	LB	41.0000	\$14.52	\$595.32	78.00	\$130.97
L013152	Cement Nose, 5-1/2 in.	EA	1.0000	\$561.00	\$561.00	78.00	\$123.42
L017064	CENTRALIZER,5-1/2"NON-WELD	EA	20.0000	\$193.05	\$3,861.00	78.00	\$849.42
L015395	FLOAT COLLAR,CEM,5-1/2"K55	EA	1.0000	\$1,243.00	\$1,243.00	78.00	\$273.46
L86710	PLUG,CEMENT 5.5 TOP BJPL	EA	1.0000	\$1,026.48	\$1,026.48	78.00	\$225.83
Product Material Subtotal:					\$26,106.61		\$5,743.46

SERVICES

Product Code	Description	UOM	Quantity	List Price	Gross Amount	Disc (%)	Net Amount
S-100004	Cement Crew Mobilization-Demobilization Fee	EA	1.00	\$10,880.00	\$10,880.00	92.00	\$870.400
S-100475	Cement head	EA	1.00	\$2,656.00	\$2,656.00	92.00	\$212.480
S-100052	Cement pump charge, 4,001-5,000 feet/1,201 - 1,500 m	6/HR	1.00	\$6,192.00	\$6,192.00	92.00	\$495.360
S-100066	Cement pump charge, Additional Hours	HR	0.00	#Error	\$0.000	0.00	\$0.000
S-100001	Mileage - vehicle heavy	MI	50.00	\$18.96	\$948.000	92.00	\$75.840

Cementing Treatment



Start Date	2/1/2018	Well	Staley East 1-22
End Date	2/1/2018	County	Stevens
Client	MERIT ENERGY COMPANY	State/Province	KS
Client Field Rep	Rodney Gonzales	API	15-055-22476
Service Supervisor		Formation	
Field Ticket No.		Rig	
District	Liberal, KS	Type of Job	Long String

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade	Thread
Open Hole	7.88			5,108.00	5,108.00	30.00		
Casing	4.89	5.50	17.00	5,104.00	5,104.00		J-55	LTC
Previous Casing	8.10	8.63	24.00	1,770.00	1,770.00		J-55	LTC

Shoe Length (ft): 43

HARDWARE

Bottom Plug Used?	No	Tool Type	Float Collar
Bottom Plug Provided By		Tool Depth (ft)	5,060.97
Bottom Plug Size		Max Tubing Pressure - Rated (psi)	
Top Plug Used?	Yes	Max Tubing Pressure - Operated (psi)	
Top Plug Provided By	BJ	Max Casing Pressure - Rated (psi)	
Top Plug Size	5.500	Max Casing Pressure - Operated (psi)	
Centralizers Used	Yes	Pipe Movement	
Centralizers Quantity	14.00	Job Pumped Through	No Manifold
Centralizers Type	Bow	Top Connection Thread	LTC
Landing Collar Depth (ft)	5,061	Top Connection Size	5.5

CIRCULATION PRIOR TO JOB

Cementing Treatment



Job Summary

pressure test lines to 3000PSI
plug RAT/MOUSE HOLE
56bbl tail cement down hole
shut down
wash up lines to the pit
drop the plug
117bbl displacement with 2%KCL water
slow rate down last 10bbl to 3bpm to land the plug

50s_x RTI

STATE OF KANSAS

CORPORATION COMMISSION
CONSERVATION DIVISION
266 N. MAIN ST., STE. 220
WICHITA, KS 67202-1513



PHONE: 316-337-6200
FAX: 316-337-6211
<http://kcc.ks.gov/>

GOVERNOR JEFF COLYER, M.D.

SHARI FEIST ALBRECHT, CHAIR | JAY SCOTT EMLER, COMMISSIONER | DWIGHT D. KEEN, COMMISSIONER

June 05, 2018

IDANIA MEDINA
Merit Energy Company, LLC
13727 NOEL ROAD, SUITE 1200
DALLAS, TX 75240

Re: ACO-1
API 15-055-22476-00-00
STALEY EAST 1-22
NW/4 Sec.22-25S-32W
Finney County, Kansas

Dear IDANIA MEDINA:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 1/27/2018 and the ACO-1 was received on June 05, 2018 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department