



KANSAS CORPORATION COMMISSION 1096707
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 # _____

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 Date Reached TD Completion Date or
Recompletion Date 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: _____



1096707

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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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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Customer Signature

Witnessed by Richard Burns

"Thank you"

Job complete with good cement returns > 7 1/2 Bbl. good cement slurry

Water. Final Pumping at 500 PSI - TSD P-5 400 PSI - close casing in w/ 400 PSI

Mixed 220 Sks 50/50 Pozmix cement w/ 2% Gel and 1/3% of Flocc, Displaced cement with 2 1/4 Bbl city

Remarks: Rig up to 4 1/2" casing, Break circulation with 5 Bbl water, Pumped 25 Bbl. Gel Flush, 10 Bbl. city water, Circulate Gel around to condition hole with 10 Bbl. city water, Pumped 10 Bbl. city water, 10 Bbl. Dye water/city water

Quantity Or Units	Description of Services or Product	Pump charge	Mileage	220 Sks	350 lbs	70 lbs	500 lbs	4 Hrs	3 Hrs	5,900 GAL	4 1/2 miles	Truck # 290	1.50	67.50	501.45	9.69 Tons	Bulk Truck	Plugs	Subtotal	Sales Tax	Estimated Total	
45		790.00	\$3.25/Mile																4905.40	200.69	5106.09	
220	50/50 Pozmix cement	10.40		2288.00																		
350	Gel 2%	.30		105.00																		
70	Flocc 1/3% per/SK	1.85		129.50																		
500	Gel > Flush Ahead	.30		150.00																		
4	Water-Truck	84.00		336.00																		
3	Water Transport	105.00		315.00																		
5,900	City water	13.00 per 1,000		76.70																		
4 1/2	miles																					
Truck # 290																						
1.50																						
67.50																						
501.45																						
9.69	Tons																					
Bulk Truck																						
Plugs																						
Subtotal																						
Sales Tax																						
Estimated Total																						

Date	Customer #	Well Name & Number	Sec./Township/Range	County
10-26-12		A. Kettle SW0 #1		Allen
Customer TB & G, LLC				
Mailing Address 308 Fairway Ave. Iola, KS 66749				
Job Type: Logging				
Truck #	201	Driver		
Displacement:	21.77			
Casing Size:	4 1/2" 1399			
Casing Weight:	9.5 lb.			
Displacement PSI:	500			
Cement left in Casing:	35			
Tubing:				
PBD:				

Cement Service ticket

Brad Cell # 620-437-6765
 Office # 620-437-2661
 Madison, KS 66860
 A Y Road
 Services, Inc.

Ticket Number 100167

Location Madison
 Foreman Brad Butler

Operator:
J. Richard Burris
Gas, KS

Alan Kettle SWD #1

Allen Co., KS
1-24S-18E
API: 001-30541

Spud Date: 10/22/2012
Surface Casing: 8.625"
Surface Length: 20.50'
Surface Cement: 4 sx
Longstring: 4.5" 9.5 lb. new
Surface Bit: 11"
Drill Bit: 6.75"
Longstring: 1378.55'
Longstring Date: 10/26/2012

Driller's Log

Formation Comments Bottom Top

Soil	2	0
Overburden & Fill	4	2
Clay	13	4
Gravel	14	13
Shale	17	14
Lime	49	17
Shale	78	49
Lime	87	78
Shale	110	87
Lime	116	110
Shale	128	116
Lime	196	128
Bl. Shale	198	196
Lime	219	198
Shale	204	219
Lime	240	204
Shale	246	240
Lime	250	246
Shale	284	250
Sandy Shale	328	284
Shale	422	328
Lime	430	422
Red Bed	434	430
Shale	446	434
Lime	457	446

457	464	Shale	
464	478	Lime	
478	514	Sandy Shale	
514	516	Lime	
516	520	Shale	
520	523	Coal	
523	530	Shale	
530	538	Lime	
538	542	Shale	
542	556	Lime	
556	568	Shale / Bl. Shale	
568	594	Limey Shale	
594	606	Shale / Bl. Shale	
606	610	Lime	5'
610	612	Coal	
612	620	Shale	
620	628	Sand	Squirrel
628	682	Shale	
682	684	Coal	
684	758	Shale	
758	771	Sandy Shale	
771	802	Shale	
802	806	Sandy Shale	
806	906	Sand	
906	918	Sand	Small oil show, good odor
918	920	Coal	
920	926	Shale	
926	977	Sand	Tucker, see below
977	980	Coal	
980	987	Shale	
987	1178	Lime	Mississippi, heavy oil show 1118 - 1121
1178	1188	Limey Green Shale	Started losing water 1053'
1188	1245	Lime	
1245	1248	Shale	
1248	1269	Lime	
1269	1291	Shale	
1291	1294	Lime	Top Arbuckle - good oil show
1294	1383	Lime	Good oil show 1330 - 1338, set pipe-1383
1383	1485	Lime	Tail in 1383 - 1485 w/ 3.875" bit
1485			Completely lost circulation at 1485'