



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1247601
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: _____



1247601

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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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
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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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Form	ACO1 - Well Completion
Operator	Kansas MB Project, LLC
Well Name	Walter Moore MB 3
Doc ID	1247601

All Electric Logs Run

Dual Induction Log
Compensated Density Log
Gamma Ray
Neutron
Cement Bond
Completion

CEMENT FIELD TICKET AND TREATMENT REPORT

Customer	Kansas NB project	State, County	Chautauqua , Kansas	Cement Type	CLASS A
Job Type	Long String	Section		Excess (%)	35%
Customer Acct #		TWP		Density	13.6
Well No.	NBU # 3	RGE		Water Required	8.1
Mailing Address		Formation		Yeild	1.8
City & State		Tubing		Sacks of Cement	180
Zip Code		Drill Pipe		Slurry Volume	58
Contact		Casing Size	4 1/2	Displacement	26.9
Email		Hole Size	6 3/4	Displacement PSI	1220/1500
Cell		Casing Depth	1738	MIX PSI	250/800
Dispatch Location	EUREKA	Hole Depth	1740	Rate	3.5
Code	Cement Pump Charges and Mileage	Quantity	Unit	Price per Unit	
5401	CEMENT PUMP (2 HOUR MAX)	1	2 HRS MAX	\$1,085.00	\$ 1,085.00
5609	MISC PUMP (CEMENT TRUCK)	3	PER HOUR	\$210.00	\$ 630.00
5406	EQUIPMENT MILEAGE (ONE-WAY)	45	PER MILE	\$4.20	\$ 189.00
5407	MIN. BULK DELIVERY (WITHIN 50 MILES)	1	PER LOAD	\$368.00	\$ 368.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
EQUIPMENT TOTAL					\$ 2,272.00
Cement, Chemicals and Water					
1126	OWC. CEMENT (CAL SEAL) 6%OWC. 2% CAL. CLORIDE 2% GE	180	0	\$19.75	\$ 3,555.00
1107A	PHENOSEAL	180	0	\$1.35	\$ 243.00
1110A	KOL SEAL (50 # SK)	1100	0	\$0.46	\$ 506.00
1111	GRANULATED SALT (50#) SELL BY #	1200	0	\$0.39	\$ 468.00
1118B	PREMIUM GEL/BENTONITE (50#)	400	0	\$0.22	\$ 88.00
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0	30% Discount		0	\$0.00	\$ (1,458.00)
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
1123	CITY WATER (PER 1000 GAL)	0	0	\$17.30	\$ -
CHEMICAL TOTAL					\$ 3,402.00
Water Transport					
5501C	WATER TRANSPORT (CEMENT)	5	ATER TRANSPORT (CEME	\$120.00	\$ 600.00
5502C	80 BBL VACUUM TRUCK (CEMENT)	6	BL VACUUM TRUCK (CEM	\$90.00	\$ 540.00
0			0	\$0.00	\$ -
TRANSPORT TOTAL					\$ 1,140.00
Cement Floating Equipment (TAXABLE)					
Cement Basket					
0			0	\$0.00	\$ -
Centralizer					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
Float Shoe					
0			0	\$0.00	\$ -
Float Collars					
0			0	\$0.00	\$ -
Guide Shoes					
0			0	\$0.00	\$ -
Baffle and Flapper Plates					
0			0	\$0.00	\$ -
Packer Shoes					
0			0	\$0.00	\$ -
DV Tools					
0			0	\$0.00	\$ -
Ball Valves, Swedges, Clamps, Misc.					
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
0			0	\$0.00	\$ -
Plugs and Ball Sealers					
4404	4' 1/2" RUBBER PLUG	1	PER UNIT	\$47.25	\$ 47.25
Downhole Tools					
0			0	\$0.00	\$ -
CEMENT FLOATING EQUIPMENT TOTAL					\$ 47.25
TRUCK#	DRIVER NAME			SUB TOTAL	\$ 6,861.25
690	John Wade		8.15%	SALES TAX	\$ 399.94
445	Jeremy M.			TOTAL	\$ 7,261.19
611	Jimmy		0%	(-DISCOUNT)	\$ -
	Jeff			DISCOUNTED TOTAL	\$ 7,261.19
Nunnley tp	Nunnley				
Nunnley 80 v	Nunnley				

AUTHORIZATION *Coody*
DATE 10-30-14

TITLE _____
FOREMAN *John Wade*

I ACKNOWLEDGE THAT THE PAYMENT TERMS, UNLESS SPECIFICALLY AMENDED IN WRITING ON THE FRONT OF THE FORM OR IN THE CUSTOMER'S ACCOUNT RECORDS, AT OUR OFFICE, AND CONDITIONS OF SERVICE ON THE BACK OF THIS FORM ARE IN EFFECT FOR SERVICES IDENTIFIED ON THIS FORM.



Operator	KANSAS MB PROJECT		Well No.	MB-3		Lease	WALTER MOORE		Loc.	KS		1/4	1/4	1/4	Sec.	3	Twp.	34	Rge.	13	Date Completed
County	CHAUTAQUA		State	KS		Type/Well			Depth	1740'		Hours	9-29-14		Date Started					Date Completed	
Job No.	Casing Used		41' 8 5/8"		Bit No.	Type		size	From	To	Bit No.	type		Size	From	To					% Rec.
Driller	Cement Used		8		Bit No.	Type		6 3/4"													
Driller	Rig No.																				
Driller	Hammer No.																				

Formation Record

From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation	From	To	Formation
0	42	SURFACE	647	649	SHALE	1208	1223	LIME	1598	1617	BLK SHALE	1598	1617	BLK SHALE
42	80	SHALE	649	677	SAND	1223	1226	SHALE	1617	1619	SAND	1617	1619	SAND
80	85	SAND	653		GOOD ODOR	1226	1227	COAL	1619	1625	MISS CHAT	1619	1625	MISS CHAT
85	151	SANDY SHALE	677	685	SANDY SHALE	1227	1235	SAND	1625	1655	LIME+CHAT	1625	1655	LIME+CHAT
151	164	LIME	685	797	SHALE	1235	1251	SHALE	1655	1730	LIME	1655	1730	LIME
164	172	SAND	797	808	BLK SHALE	1251	1253	LIME	1730	1740	BLK LIME	1730	1740	BLK LIME
172	207	SANDY SHALE	808	815	LIME	1253	1269	SAND						
207	209	LIME	815	817	SHALE	1269	1308	SANDY SHALE			T.D. 1740'			
209	221	SANDY LIME	817	832	LIME	1308	1315	SAND						
221	231	SAND (WATER)	832	884	GREEN SHALE	1315	1327	SHALE						
231	247	SHALE	884	896	LIME	1327	1335	SAND						
247	250	LIME	896	902	BLK SHALE	1335	1345	SANDY SHALE						
250	277	SHALE	902	918	LIME	1345	1347	COAL						
277	278	LIME	918	926	SHALE	1347	1350	SHALE						
278	359	SANDY SHALE	926	935	SAND	1350	1380	SANDY SHALE						
359	361	LIME	930		OIL IN PIT	1380	1396	SHALE						
361	380	SHALE	935	937	SHALE	1396	1398	COAL						
380	383	SANDY SHALE	937	958	SAND	1398	1402	SHALE						
383	430	SAND	958	980	LIMEY SHALE	1402	1452	SAND						
430	440	SANDY SHALE	980	988	SAND	1452	1474	SHALE						
440	466	SAND (WATER)	988	1037	SHALE	1474	1478	SANDY SHALE						
466	468	COAL	1037	1061	LIME	1478	1502	SHALE						
468	488	SHALE	1061	1070	BLK SHALE	1502	1504	LIME						
488	492	SAND	1070	1075	SANDY SHALE	1504	1509	LIMEY SHALE						
492	500	SHALE	1075	1090	SAND	1509	1511	SANDY SHALE						
500	527	SANDY SHALE	1090	1142	SHALE	1511	1513	COAL						
527	537	SHALE	1142	1175	LIME	1513	1541	SHALE						
537	572	SAND	1162		ODOR	1541	1549	BLK SHALE						
572	600	SANDY SHALE	1175	1182	BLK SHALE	1549	1570	SHALE						
600	642	SHALE	1182	1202	LIME	1570	1595	BLK SHALE						
642	647	LIME	1202	1208	BLK SHALE	1595	1598	LIME						