

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

3/24/12

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 34056
Name: MAK-J Energy Kansas, LLC
Address 1: 1600 N. Broadway
Address 2: Suite 1740
City: Denver State: CO Zip: 80202 +
Contact Person: Ken Trueax
Phone: (303) 468-0090
CONTRACTOR: License # 33793
Name: H2 Drilling
Wellsite Geologist: Steve Murphy
Purchaser: N/A
Designate Type of Completion:
☒ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ SWD ☐ SIOW
☐ Gas ☐ ENHR ☐ SIGW
☐ CM (Coal Bed Methane) ☐ Temp. Abd.
☒ Dry ☐ Other
(Core, WSW, Expl., Cathodic, 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: _____ Plug Back Total Depth: _____
☐ Commingled Docket No.: _____
☐ Dual Completion Docket No.: _____
☐ Other (SWD or Enhr.?) Docket No.: _____
3/3/2010 3/11/2010 3/11/2010
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-101-22215-0000
Spot Description: _____
SW NE SW SE Sec. 9 Twp. 17 S. R. 30 ☐ East ☒ West
744' Feet from ☐ North / ☒ South Line of Section
1,907' Feet from ☒ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☒ SE ☐ SW
County: Lane
Lease Name: RM SCHADEL Well #: 15-9
Field Name: Wildcat
Producing Formation: N/A
Elevation: Ground: 2,870' Kelly Bushing: 2,880'
Total Depth: 46,00' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at: 294' - 308' (KB) Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No
If yes, show depth set: N/A Feet
If Alternate II completion, cement circulated from: _____
feet depth to: 308' (KB) w/ 180 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 No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Ken Trueax
Title: Engineering Tech. Date: 3/24/2010
Subscribed and sworn to before me this 24th day of March,
20 10.
Notary Public: Christine Hinton
Date Commission Expires: _____

CHRISTINE HINTON
NOTARY PUBLIC
STATE OF COLORADO

My Commission Expires 04/25/2013

KCC Office Use ONLY

☒ Letter of Confidentiality Received
☒ If Denied, Yes ☐ Date: _____
☒ Wireline Log Received
☐ Geologist Report Received
☐ UIC Distribution

RECEIVED
MAR 26 2010

KCC WICHITA

Operator Name: MAK-J Energy Kansas, LLC Lease Name: RM SCHADEL Well #: 15-9
 Sec. 9 Twp. 17 S. R. 30 ☐ East ☒ West County: Lane

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 copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☒ Yes ☐ No
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☐ No

Electric Log Run ☒ Yes ☐ No
 (Submit Copy)

List All E. Logs Run:

CNL/CDL/MEL/BHCS

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	2246	634
Wabaunsee	3516	-636
Lansing	3934	-1054
Kansas City	4012	-1132

CASING RECORD ☒ New ☐ 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
Surface	12-1/4"	8-5/8"	23#	294' - 308' (KB)	Common	180	3% CaCL, 2% Gel

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	Surface to 4,600'	60/40 Common Poz	300	4% Gel, 1/4 lb Flo Cele (P7A wellbore)

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run: ☐ Yes ☐ No
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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: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____	PRODUCTION INTERVAL: <u>RECEIVED</u> MAR 26 2010
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ALLIED CEMENTING CO. I.L.C. 043596

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

Plugging

SERVICE POINT:
OAKLEY

DATE 3-11-10	SEC 9	TWP. 17S	RANGE 30W	CALLED OUT	ON LOCATION 1200 PM	JOB START 5:00 PM	JOB FINISH 5:30 PM
LEASE RM SCHADEL	WELL # 15-9	LOCATION HEARN 1W-1N-W INTO			COUNTY LANE	STATE KS	
OLD-OR <u>NEW</u> (Circle one)							

CONTRACTOR H-2 DRLG RTG #1	OWNER SAME
TYPE OF JOB PTA	
HOLE SIZE 7 7/8"	T.D. 4600'
CASING SIZE	DEPTH
TUBING SIZE	DEPTH
DRILL PIPE 4 1/2"	DEPTH 2250'
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT
CEMENT LEFT IN CSG.	
PERFS.	
DISPLACEMENT	

EQUIPMENT

PUMP TRUCK # 422	CEMENTER TERRY
	HELPER LARENE
BULK TRUCK # 396	DRIVER DARRIN
BULK TRUCK #	DRIVER

REMARKS:

50 SKS AT 2250'
80 SKS AT 1560'
50 SKS AT 750'
50 SKS AT 330'
20 SKS AT 60'
20 SKS MAKE HOLE
30 SKS RAT HOLE

THANK YOU

CHARGE TO: MAK-J. ENERGY

STREET

CITY STATE ZIP

CEMENT	
AMOUNT ORDERED	300 SKS 60/40 POZ 4% GEL 1/4" FLO-SEAL
COMMON 180 SKS	@ 15.45 2781.00
POZMIX 120 SKS	@ 8.00 960.00
GEL 10 SKS	@ 20.80 208.00
CHLORIDE	@
ASC	@
	@
FLO-SEAL 75 #	@ 2.50 187.50
	@
	@
	@
	@
HANDLING 310 SKS	@ 2.40 744.00
MILEAGE 104 PER SK/ MILE	930.00
TOTAL	5810.50

SERVICE

DEPTH OF JOB	2250'
PUMP TRUCK CHARGE	1185.00
EXTRA FOOTAGE	@
MILEAGE 30	@ 7.00 210.00
MANIFOLD	@
	@
TOTAL	1395.00

PLUG & FLOAT EQUIPMENT

	@
	@
	@
	@
	@
TOTAL	

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

To Allied Cementing Co., 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.

PRINTED NAME Roger H. Moses

SIGNATURE Roger H. Moses

RECEIVED
MAR 26 2010
KCC WICHITA

ALLIED CEMENTING CO., LLC. 044498

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

Surface Casing

SERVICE POINT: OAKLEY, KS

DATE 3-10	SEC. 9	TWP. 17	RANGE 3, 9	CALLED OUT	ON LOCATION	JOB START 4:00 PM	JOB FINISH 4:20 PM
RM. Schadel		WELL # 15-9		LOCATION H. C. L. L. S. W. S.		COUNTY Lane	STATE KS
OLD OR NEW (Circle one)							

CONTRACTOR - H. C. L. S. W. S.
TYPE OF JOB - Surface Casing
HOLE SIZE 17" T.D. 310'
CASING SIZE 2 1/2" DEPTH 311'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 18.8

EQUIPMENT

PUMP TRUCK CEMENTER F-224
41,1 HELPER L-114
BULK TRUCK
2,96 DRIVER J. C. L.
BULK TRUCK
DRIVER

REMARKS:

Cement d. d. circulate
Plug down @ 4:20 PM
Thanks F-224 team

CHARGE TO: MARK J
STREET
CITY STATE ZIP

To Allied Cementing Co., 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.

PRINTED NAME Roger L. Moses
SIGNATURE Roger L. Moses

OWNER

CEMENT
AMOUNT ORDERED 180 6-1/4 2 1/2" 2 1/2"

COMMON	108	@ 15.45	1668.60
POZMIX	72	@ 8.00	576.00
GEL	3	@ 20.00	60.00
CHLORIDE	6	@ 58.00	348.00
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING		@ 2.00	240.00
MILEAGE			200.00
TOTAL			3096.60

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			10.00
EXTRA FOOTAGE		@	
MILEAGE	30	@ 7.00	210.00
MANIFOLD		@	
		@	
		@	
TOTAL			1228.00

PLUG & FLOAT EQUIPMENT

1-2 1/2	@	6.80
	@	
	@	
	@	
	@	
TOTAL		6.80

SALES TAX (If Any)
TOTAL CHARGES
DISCOUNT IF PAID IN 30 DAYS

4392.2