Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1306191

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 # 35246
Name: Kansas Oil Development LLC
Address 1: 6805 N. CAPITAL of TEXAS HWY
Address 2: Suite #265
City: AUSTIN State: TX Zip: 78731 + ____
Contact Person: Ron Herzfeld
Phone: (512) 687-1115
CONTRACTOR: License # 5831
Name: M.O.K.A.T.
Wellsite Geologist: Julie Shaffer
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 #:

12/7/2015	12/9/2015	1/14/2016
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-125-32457-00-00
Spot Description:
W2 - NE - NE - NW Sec. 12 Twp. 34 S. R. 13 ☑ East ☐ West
4950 Feet from ☐ North / ☑ South Line of Section
3150 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Montgomery
Lease Name: BAYLESS Well #: 1F
Field Name:
Producing Formation: Mississippi Chat
Elevation: Ground: 795 Kelly Bushing: 780
Total Vertical Depth: 1650 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 40 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: 0 ppm Fluid volume: 0 bbls
Dewatering method used: Evaporated
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:** Karen Ritter **Date:** 05/11/2016

1306191

Operator Name: Kansas Oil Development LLC Lease Name: BAYLESS Well #: 1F

Sec. 12 Twp. 34 S. R. 13 ☑ East ☐ West County: Montgomery

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

List All E. Logs Run:

CBL & Induction Log

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

Name	Top	Datum
Lenapah	703	+92
Wayside	720	+75
Weiser	813	-18
Mississippi	1520	-725

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	11	8.625	24	41	Portland	9	100 %
Production	6.75	4.50	10.5	1608	Thixdoblend1	170	80/20 %

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	-			
	-			

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 *(Amount and Kind of Material Used)*	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: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Kansas Oil Development LLC
Well Name	BAYLESS 1F
Doc ID	1306191

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	11	8.625	24	41	Portland	9	100 %
Production	6.75	4.50	10.5	1608	Thixdoble nd1	170	80/20 %

M.O.K.A.T. Drilling Inc.
P.O. BOX 590
Caney, KS 67333
Phone: (620)879-5377 Cell: (620)252-8338

"For All Your Drilling Needs"
Specializing In Coal Gas

Invoice

DATE	INVOICE NO.
12/9/2015	1557

BILL TO
KANSAS OIL DEVELOPMENT LLC 6805 N. CAPITAL OF TEXAS HWY SUITE #265 AUSTIN, TX 78731

P.O. No.

WELL No.	LEASE
1F	BAYLESS

DESCRIPTION	QTY	RATE	AMOUNT
1520 ' DRILLED AT $9.00 PER FT.	1,520	9.00	13,680.00
130' OF MISS DRILLED AT $11.00 PER FT.	130	11.00	1,430.00
8 5/8" CASING.	42	15.00	630.00
PORTLAND CEMENT	9	18.00	162.00
SAMPLE BAGS	96	0.50	48.00

THANK YOU FOR YOUR BUSINESS

Total $15,950.00

CONSOLIDATED
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

Invoice# 806730

5002 / 4989

TICKET NUMBER 49882
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12/11/15	4530	Bayless # 1-F	NW 12	34	13	MG

CUSTOMER: Kansas Oil Development LLC
MAILING ADDRESS: 6805 N. Capital of TX Hwy
CITY: Austin | STATE: TX | ZIP CODE: [illegible] 78731

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Casey		Safety Meeting
467	Keiar		
804	Mike Haa		
680-T95	Jamkin	735-T22	Geoffrey

JOB TYPE: long string | HOLE SIZE: 6 3/4" | HOLE DEPTH: 1650' | CASING SIZE & WEIGHT: 4 1/2" 10.5#
CASING DEPTH: 1649' | DRILL PIPE: | TUBING: | OTHER:
SLURRY WEIGHT: | SLURRY VOL: | WATER gal/sk: | CEMENT LEFT in CASING:
DISPLACEMENT: 26.30 bbl | DISPLACEMENT PSI: | MIX PSI: | RATE: 4 bpm

REMARKS: held safety meeting, established circulation, washed casing down to TD, mixed & pumped 400 # Gel followed by 5 bbls [illegible] City water, mixed & pumped 170 sks Thixoblend I cement w/ 6# Kolseal, 10# salt, & 1# Phenoseal per sk, flushed pump clean, pumped 4 1/2" rubber plug to casing TD w/ 26.30 bbls City water, cement to surface, pressured to 1000 PSI, well held pressure, released pressure to set float valve, shut in casing.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CC0450	1	PUMP CHARGE	1500.00	
CC0002	45 mi	MILEAGE	321.75	
CC0711	min	Ton Mileage	960.00	
WS2402	3 hrs	Transport	360.00	
WS2402	3 hrs	Transport	360.00	
		trucks	3201.75	
		-43 %	1376.75	
		subtotal		1825.00
CC5860	170 sks	Thixoblend I	4250.00	
CC5965	400 #	Gel	120.00	
CC5326	734 #	Salt	550.50	
CC6079	170 #	Phenoseal	229.50	
CC6077	1020 #	Kolseal	510.00	
WC4159	200 bbl	City Water	145.32	
CP8178	1	4 1/2" rubber plug	25.00	
		material	5880.32	
		-43%	2528.53	3351.79
		subtotal		5176.78
		6.5%	SALES TAX	217.87
			ESTIMATED TOTAL	5394.66

Ravin 3737

AUTHORIZTION [signature] TITLE DATE (9469.29)

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.

Geological Report

Bayless #1F
4950' FSL; 3150' FEL
Sec. 12, T34S, R13E
Montgomery County, Kansas
12/15/2015

Operator:	Kansas Oil Development, LLC 6805 N. Capital of Texas Hwy, Suite #265, Austin, Texas 78731
Drilling Contractor:	N/A
Well-site Geologist:	Julie Shaffer, Sand Hills Consulting, LLC 480 Fox Rd, Toronto, Kansas 66777
Dates Drilled:	December 8 & 9, 2015
Size Hole:	6 ¾"
Total Depth:	1656.1' (logger)
Elevation:	795' (est.)
Drilling Fluid:	Compressed air with injected water
Surface Casing:	40' of 7" surface casing
Electric Logs Run:	CDL, CNL and DIL
Formation Tops:	Formation tops were taken from electric logs and correlated with field depths.
Rock Color Desc.:	GSA rock color chart (dry cuttings)
Status:	**OIL/GAS WELL**
Gas Shows:	Unknown

Oil Shows:

Pawnee Limestone	937-944'	Trace
Oswego Limestone	1048-1052'	Trace
Mississippian	1520-1610'	Trace

Notes: Well cuttings were collected by the drillers on 10' intervals from 700' to T.D. The samples were delivered to geologist for examination of the zones of interest in the laboratory with a binocular microscope and black-light.

0-703' Samples not examined

Top of the Lenapah Limestone @ 703' (+92')

703-720' Limestone, off-white, very fine grained, no visible porosity, smooth texture

Top of the Wayside Sandstone @ 720' (+75')

720-730' Wayside Sandstone, light greenish-gray, fine and medium-fine grained sand, poorly sorted, sub-angular to sub-rounded, quartz, low porosity, well cemented, silty cementation, no hydrocarbon odor, no show, no fluorescence

730-750' Shale, light greenish-gray, silty

750-810' Samples not examined

810-813' Limestone

Top of the Weiser Sandstone @ 813' (-18')

813-826' Sandstone, light gray, very fine and fine grained, well sorted, sub-rounded to sub-angular, quartz, minor mica, minor Pyrite, low porosity, no hydrocarbon odor, no show, no fluorescence

826-832' Sandstone, light gray, very fine grained, well sorted, sub-rounded to sub-angular, quartz, minor mica, well cemented, low porosity, no hydrocarbon odor, no show, no fluorescence, laminated with medium gray silty shale

832-840' Shale, medium gray, silty

840-920' Samples not examined

920-923.5' Shale, medium-dark gray

Top of the Pawnee Limestone @ 923.5' (-128.5')

923.5-937' Limestone, light olive gray, very fine grained, fossiliferous, no visible porosity, 20% of cuttings display uniform dull mustard yellow mineral fluorescence, no hydrocarbon odor, no show, no cut

937-948' Limestone, light olive gray, very fine grained, fossiliferous, minor quartz veining, majority of cuttings show no visible porosity, 25-30% of chips display a pinpoint and pinhead vugular porosity, 20% of which show a mottled moderate yellowish-brown staining with a slight hydrocarbon odor and heavily mottled bright yellow hydrocarbon fluorescence (~937-944'). Samples exhibited a fast, blooming blue cut with a fair, even greenish-yellow fluorescence in tray when observed under a black light and no residual oil show in white light, after crushing and repeating the solvent test there is no change.

948-950' Shale, dark gray

950-1030' Samples not examined

1030-1036' Shale, medium gray

Top of the Oswego Limestone @ 1036' (-241')

1036-1040' Limestone, dark brownish-gray, very fine grained, locally medium crystalline, fossiliferous, no visible porosity, no show, no odor, no fluorescence or cut

1040-1052' Limestone, dark brownish-gray, very fine grained, locally medium crystalline, fossiliferous, no visible porosity, less than 5% of chips show moderate brownish-yellow staining with a faint hydrocarbon odor and a speckled to mottled bright yellowish-white hydrocarbon fluorescence (~1048-1052'). Samples exhibited a moderate, blooming blue cut with a fair, even greenish-yellow fluorescence in tray when observed under a black light and no residual oil show in white light, after crushing and repeating the solvent test there is no change.

1052-1070' Limestone, olive gray, very fine grained with moderate medium crystalline, fossiliferous, no visible porosity, no hydrocarbon odor, <2% speckled dull greenish-yellow fluorescence, no show, no cut

1070-1080' Shale, dark gray to grayish-black

1080-1090' Limestone, light gray, very fine, no visible porosity, no fluorescence, no hydrocarbon odor, no show, no cut

1090-1100' Limestone, dark brownish-gray, very fine grained with minor medium crystalline, no visible porosity, no hydrocarbon odor, <2% speckled dull greenish-yellow fluorescence, no show, no cut

1100-1510' Samples not examined

1510-1520' Shale, dark gray

Top of the Mississippian @ 1520' (-725')

1520-1530' Limestone (70%), off-white with minor pale yellowish-brown staining, very fine grained, siliceous and chalky, low chalky porosity, mottled bright yellow and dull white hydrocarbon fluorescence; Chert (30%), white/off-white, siliceous and chalky, low scattered pinpoint vuggy porosity. Samples exhibited a moderate, blooming blue cut with a fair, uneven greenish-yellow fluorescence ring in tray when observed under a black light and a trace light brown residual oil show in white light, after crushing and repeating the solvent test there is no change.

1530-1540' Limestone, off-white with mottled pale yellowish-brown staining, very fine grained, siliceous and chalky, minor vugular porosity, mostly chalky porosity, heavily mottled bright yellowish-white hydrocarbon fluorescence. Samples exhibited a fast, cloudy blue cut with a good, even greenish-yellow fluorescence ring in tray when observed under a black light and a trace light brown residual oil show in white light, after crushing and repeating the solvent test there is no change.

1540-1550' Limestone, off-white with mottled moderate yellowish-brown staining, very fine grained, siliceous and chalky, minor vugular porosity, mostly chalky porosity, heavily mottled to even bright yellowish-white hydrocarbon fluorescence, slight odor. Samples exhibited a moderate, blooming blue cut with a fair, even greenish-yellow fluorescence ring in tray when observed under a black light and a trace light brown residual oil show in white light, after crushing and repeating the solvent test there is no change.

1550-1560' Limestone, off-white with minor pale yellowish-brown staining, very fine grained, siliceous and chalky, chalky porosity, heavily mottled bright yellowish-white hydrocarbon fluorescence, slight odor. Samples exhibited a slow, diffuse milky blue cut with a faint green fluorescence ring in tray when observed under a black light and no residual oil show in white light, after crushing and repeating the solvent test there is no change.

1560-1570' Limestone, off-white with mottled moderate yellowish-brown staining, very fine grained, siliceous and chalky, minor vugular porosity, mostly chalky porosity, uniform bright yellow hydrocarbon fluorescence, slight odor. Samples exhibited a moderate-fast, blooming blue cut with a good, even greenish-yellow fluorescence in tray when observed under a black light and a trace light brown residual oil show in white light, after crushing and repeating the solvent test there is no change.

1570-1585' Limestone, off-white, very fine grained, siliceous and chalky, minor Pyrite, minor vuggy and chalky porosity, mottled bright yellowish-white hydrocarbon fluorescence, no hydrocarbon stain, no odor. Samples exhibited no cut with a faint green fluorescence ring in tray when observed under a black light and no residual oil show in white light, after crushing and repeating the solvent test there is no change.

1585-1610' Limestone, light brownish-gray with minor staining, very fine grained, Dolomitic, sucrosic, siliceous, moderate friability, chalky porosity and low vugular porosity, slight odor, heavily mottled to uniform bright yellow hydrocarbon fluorescence, slight odor. Samples exhibited a moderate-fast, blooming blue cut with a fair, even greenish-yellow fluorescence in tray when observed under a black light and a trace light brown residual oil show in white light, after crushing and repeating the solvent test there is no change.

1610-1618' Limestone, dark brownish-gray, very fine grained, hard, no visible porosity, no odor, no show, no fluorescence or cut

1618-1630' Limestone (70%), light olive-gray, very fine grained, no visible porosity; Chert (30%), light bluish-gray/white, flinty, no odor, no show, no fluorescence or cut

1630-1656.1' Limestone, olive-gray, very fine grained, no visible porosity, no odor, no show, no fluorescence or cut

T.D. = 1656.1'

Julie Shaffer
Geologist

Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

Jay Scott Emler, Chairman
Shari Feist Albrecht, Commissioner
Pat Apple, Commissioner

Sam Brownback, Governor

May 10, 2016

Ron Herzfeld
Kansas Oil Development LLC
6805 N. CAPITAL of TEXAS HWY
Suite #265
AUSTIN, TX 78731

Re: ACO-1
API 15-125-32457-00-00
BAYLESS 1F
NW/4 Sec.12-34S-13E
Montgomery County, Kansas

Dear Ron Herzfeld:

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 12/7/2015 and the ACO-1 was received on May 10, 2016 (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