

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1115175

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 #		API No. 15
Name:		Spot Description:
Address 1:		
Address 2:		Feet from North / South Line of Section
City: Sta	ate: Zip:+	Feet from East / West Line of Section
		Footages Calculated from Nearest Outside Section Corner:
		County:
		Lease Name: Well #:
		Field Name:
0		
		Producing Formation:
Designate Type of Completion:		Elevation: Ground: Kelly Bushing:
New Well	Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW	SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A	ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
OG OG	GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)		If Alternate II completion, cement circulated from:
Cathodic Other (Core,	, Expl., etc.):	feet depth to:w/sx cmt.
If Workover/Re-entry: Old Well Info	o as follows:	
Operator:		Drilling Eluid Management Plan
Well Name:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	Original Total Depth:	Chlorida contanti nom Elvidualuma
Deepening Re-perf.	Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Conv. to GSW	Dewatering method used:
Plug Back:	Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:	Operator Name:
Dual Completion	Permit #:	Lease Name: License #:
SWD	Permit #:	
ENHR	Permit #:	Quarter Sec TwpS. R East West
GSW	Permit #:	County: Permit #:
Spud Date or Date Read Recompletion Date	ched TD Completion Date or Recompletion Date	

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:							

	Side Two	1115175
Operator Name:	Lease Name:	Well #:
Sec TwpS. 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 (Attach Additional Sheets)		Yes No		-	n (Top), Depth and		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>		 Yes No Yes No Yes No 					
List All E. Logs Run:							
		CASIN		lew Used			
		Report all strings se	et-conductor, surface, in	termediate, producti	on, 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: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated								ement Squeeze Record I of Material Used)	Depth
TUBING RECORD: Size: Set At:				Packer	r At:	Liner R	un:	No		
Date of First, Resumed Production, SWD or ENHR			₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours	tion Oil Bbls. Ga		Gas	Mcf Water		ər	Bbls.	Gas-Oil Ratio	Gravity	
DISPOSITION OF GAS:				METHOD OF COMPLETION:			PRODUCTION INTERVAL:			
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

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

Form	ACO1 - Well Completion
Operator	PostRock Midcontinent Production LLC
Well Name	WILTSE, MORRIS 15-3
Doc ID	1115175

All Electric Logs Run

GRN	
DIL	
CDL	
NDL	
TEMP	

A • •	NSOLIDATED	P.O.# #	ENTER	ED	TICKET NUMB	er <u>355</u> preka, ks hannon Fe	21 × 632 21 × 632
Box 884, Cha	nute, ka 00/20	IELD TICKET	CEMEN	<u>^</u>	PORT せるの09∂	ศเล-1	21 × 00 KS
0-431-9210 or		VELL NAME & NUME		SECTION	TOWNSHIP	RANGE	COUNTY
9-28-12	tologgy wilts	, moffis	15-3				wilson
USTOMER	P.K. Frank	CorP	Gus	TRUCK #	DRIVER	TRUCK #	DRIVER
AILING ADDRES	sthock tnergy s		Jones	520	Johns		
4	1402 Johnson	Rd		515	Calin H		
ITY al	STATE	ZIP CODE] [
Chanu	the second s			17321	CASING SIZE & V	TELOUT SHE	0 14#
DB TYPE Long				1636	CASING SIZE & F	OTHER	
ASING DEPTH	/2'22' 62 DRILL PIPE	о <u>ь 50 ВЫ</u>		88	CEMENT LEFT in		
LURRY WEIGHT ISPLACEMENT		MENT PSI_800	MIX PSI BUM	plug @ 125			
EMARKS: Rig		asing with	Wasthead			to T.D.	
100 # Gel F	Jush + bring 9.0/	to surface	Ran w	ireline +	tagged fil	TDOI	222'.
nixed 100 #	all Flush, 10 1	Bbl water s	Pacer. M	ifed 155	Stes Class	H" Comed	+ with
2% calcium	, 296 metasilicato	, 1/2 % CFI-1	15, 0,1 %	6 Conthil	-P, 10# Ko	-seal/SK (a	
nith a vie	1d of 1,82, Shut	down was	hout f	oump + 1.	ines & dis	place with	L 29,9
ibl water	r. Final furnhing	Pressure of	- 800 PSi,	Dumped	plug to 12	50 psie (2000 Tanda I
irulation	@ all times.	Cement wa	<u>s startin</u>	ng to th	icken up a	S UNG	anded,
				/	•		
	mplete.	Provided 6	The Diva	for Job	+4 Thank	s Shan	non 4 Cre
	(Company	Provided 5 500 # Gel	The plug Flush	for Job) "Thank	ts Sham	non 4Cre
Job Con Account	(Company	500 # bel		For Job) 4 Thank	UNIT PRICE	TOTAL
Job Con Account Code	(Company +	500 # (gel	ESCRIPTION of	For Job) ⁴ Thank roduct	UNIT PRICE	TOTAL
Job Con Account Code 5401	QUANITY OF UNITS	500 # bel	ESCRIPTION of	For Job) ⁴ Thank RODUCT		TOTAL
Job Con Account	(Company +	500 # 6el Di PUMP CHAR	ESCRIPTION of	For Job	roduct	UNIT PRICE 1630.00 4.00	TOTAL /030,00 200.00
ACCOUNT CODE 5401 5406	QUANITY OF UNITS	500 # 6el Di PUMP CHAR	ESCRIPTION of) ⁴ Thank roduct	UNIT PRICE 1630.00 4.00 14.95	TOTAL /030,00 200,00 23/7,25
ACCOUNT CODE 5401 5406	QUANITY OF UNITS	500 # 601 DI PUMP CHAR MILEAGE	ESCRIPTION of GE A" Leum	ent	roduct	UNIT PRICE 1630.00 4.00 14.95 .74	TOTAL /030,00 200,00 2317,25 214,08
ACCOUNT CODE 5401 5406 11045 1102	Company + QUANITY OF UNITS 1 50 155 SKS	500 # 6001 DI PUMP CHARM MILEAGE Calcium Metesilin	A" Leum A" Leum Cate @ 2%	ent 40) ⁴ Thank RODUCT	UNIT PRICE 1630.00 4.00 14.95 .74 2.00	TOTAL /030,00 200.00 2317,25 216.08 584,00
Tob Con Account CODE 5401 5406 11045 1102 1111 A	(Company + QUANITY or UNITS / 50 /55 5x5 292 # 292 # 292 # 73 #	500 # 6001 DI PUMP CHARG MILEAGE Class Calcium Metesilii	A" Leum (C) 2% (C) 2	ent		UNIT PRICE 1630.00 4.00 14.95 .74	TOTAL /030,00 200,00 2317,25 214,08
ACCOUNT CODE 5401 5406 11045 1102	(Company + QUANITY or UNITS / 50 /55 5x5 292 # 292 # 292 # 292 # 73 # 15 #	500 # 6001 PUMP CHARM MILEAGE Class Calcium metesitu CFL-115 Centhix	ESCRIPTION of GE (C) 2% (C) 2%	erof 40 8 (Provided	by Postrack)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55	TOTAL /030,00 200,00 2317,25 216.08 584,00 770,15
Tob Con Account CODE 5401 5406 11045 1102 1111 A	(Company + QUANITY or UNITS / 50 /55 5x5 292 # 292 # 292 # 73 #	500 # 6001 PUMP CHARM MILEAGE Class Calcium metesitu CFL-115 Centhix	A" Leum (C) 2% (C) 2	erof 40 8 (Provided		UNIT PRICE 1630.00 4.00 14.95 .74 2.00	TOTAL /030,00 200.00 2317,25 216.08 584,00
Tob Con Account code 5401 5406 1104 5 1102 1111 A 1135 A 1110 A	(Company + QUANITY or UNITS / 50 /55 5x5 292 # 292 # 292 # 292 # 73 # 15 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A " Leum Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 12% - P @ % @ 10 \$#/	ent 40 8 (Provided 15K	by Postrack)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55	TOTAL /030,00 200,00 2317,25 216.08 584,00 770,15
Job Con Account code 5401 5406 11045 1102 1111 A 1135 A	(Company + QUANITY or UNITS / 50 /55 SKS 292 # 292 # 292 # 73 # 15 # 15 50 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A " Leum Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 12% - P @ % @ 10 \$#/	erof 40 8 (Provided	by Postrack)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55 .46	TOTAL /030,00 200,00 2317,25 216.08 584,00 790.15 713.00
Job Con Account code 5401 5406 1104 5 1102 1111 A 1135 A 1110 A	(Company + QUANITY or UNITS / 50 /55 SKS 292 # 292 # 292 # 73 # 15 # 15 50 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A " Leum Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 12% - P @ % @ 10 \$#/	ent 40 8 (Provided 15K	by Postrack)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55 .46	TOTAL /030,00 200,00 2317,25 216.08 584,00 790.15 713.00
Job Con Account code 5401 5406 1104 5 1102 1111 A 1135 A 1110 A	(Company + QUANITY or UNITS / 50 /55 SKS 292 # 292 # 292 # 73 # 15 # 15 50 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A " Leum Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 12% - P @ % @ 10 \$#/	ent 40 8 (Provided 15K	by Postrack)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55 .46	TOTAL /030,00 200,00 2317,25 216.08 584,00 790.15 713.00
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Job Con Account code 5401 5406 1104 5 1102 1111 A 1135 A 1110 A	(Company + QUANITY or UNITS / 50 /55 SKS 292 # 292 # 292 # 73 # 15 # 15 50 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A " Leum Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 12% - P @ % @ 10 \$#/	ent 40 8 (Provided 15K	by Postrack)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55 .46 	TOTAL /030,00 200,00 2317,25 216.08 584,00 770.15 713.00 560.79
Job Con Account code 5401 5406 1104 5 1102 1111 A 1135 A 1110 A	(Company + QUANITY or UNITS / 50 /55 SKS 292 # 292 # 292 # 73 # 15 # 15 50 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A " Leum Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 2% Cate @ 12% - P @ % @ 10 \$#/	ent 40 8 (Provided 15K	by Postriek)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55 .46 	TOTAL /030,00 200,00 2317,25 216.08 584,00 770.15 713.00 560.79 560.79 560.79 560.83
Job Con ACCOUNT CODE 5401 5405 11045 1102 1111 A 1135 A 1110 A 5407 A	(Company + QUANITY or UNITS / 50 /55 SKS 292 # 292 # 292 # 73 # 15 # 15 50 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A" Leum (@ 2%) (ate@ 2%) Cate@ 2% (ate@ 2%) (ate@ 2%)	enof % (Provided 'SK ulk Truck	by Postrack)	UNIT PRICE 1630.00 4.00 14.95 .74 2.00 10.55 .46 	TOTAL /030,00 200,00 2317,25 216.08 584,00 770.15 713.00 560.79 560.79 560.79 560.83
Job Con ACCOUNT CODE 5401 5406 11045 11045 1102 1111A 1135A 1110A 5407A 5407A	(Company + QUANITY or UNITS / 50 /55 SKS 292 # 292 # 292 # 73 # 15 # 15 50 #	500 # 6001 PUMP CHARM MILEAGE C/455 Calcium Metasilii CFL-115 Centhix Kol-Sea	ESCRIPTION of GE A" Leum (@ 2%) (ate@ 2%) Cate@ 2% (ate@ 2%) (ate@ 2%)	ent 40 8 (Provided 15K	by Postriek)	UNIT PRICE 1030.00 4.00 14.95 .74 2.00 10.55 .46 	TOTAL /030,00 200,00 2317,25 216.08 584,00 770.15 713.00 560.79 560.79 1.3 1.3 1.3 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2

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.



211 W. 14TH STREET,
CHANUTE, KS 66720
620-431-9500

AM
TICKET NUMBER 777364
FIELD TICKET REF#
=ORMAN Nathque Gahman
AFE D 12005
SSI
API

TREATMENT REPORT & FIELD TICKET CEMENT

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DATE	and the state of the	WELL N	AME & NUM	BER	SEC	TION	TOWNSHIP	RANGE	COUNTY
10-1-12	Wiltse	Mor	ris	5			Wilson		
FORMAN/ OPERATOR	TIME IN	TIME	TRUCK #	TRAIL #	R	truci Hour	-	EMPLOYEE SIGNATURE	
Nathan Gahina	- Galuran 11:30 2:00		904805			2.5		Vat-Gal-	
Wes Cahiman	12:00			903197			2	h	Keseld-
Dustin Porter	11:30			903103			2.	5 /	Just forth
Agron Mattox	12:00			904730			2	\mathcal{U}	Witter
									I
JOB TYPE TOP Of.	F HOLE	E SIZE	7/8	HOLE DEPTH		C,	ASING SIZE &	weight <u>5</u>	人 - 14#
CASING DEPTH	DRILI	L PIPE		TUBING			THER		
SLURRY WEIGHT	SLUR		55k	WATER gal/sk		CI	EMENT LEFT i	n CASING	
DISPLACEMENT	DISPI	LACEMENT PSI_		MIX PSI		R/	ATE		
REMARKS: TOP	ord we	11 of	fw	ith ce	ement	-	Cleg	ned	UP
equipinent	and	<u> e f</u> -	<u>† 1</u> 2	cation.			:		<u>.</u>

ACCOUNT CODE	QUANTITY OR UNITS	DESCRIPTION OF SERVICES OR PRODUCT	TOTAL AMOUNT
904805	1	Forman Pickup	
903 197	1	Cement Pump Truck	
903/03	1	Bulk Truck	
		Transport Truck	
		Transport Trailer	
904730	/	80 Vac	
		Casing Truck	
		Casing	
		Centralizers	
		Float Shoe	
		Wiper Plug	
		Frac Baffles	
	15 sk	Portland Cement	
		Gilsonite	
		Flo-Seal	
		Premium Gel	
		Cal Chloride	
	30 661	City Water	
		KCL	
		KOL Seal	
		Cotton Seed Hulls	

THORNTON AIR ROTARY, LLC

Oil & Gas Wells

Air Drilling Specialist

Office Phone: 620-879-2073

PO Box 449 Caney, KS 67333

Date Started	9/21/2012		
Date Completed	9/24/2012		

Operator Post Rock		A.P.I #	County Wilson	State Kansas
		15-205-28045-00-00		
				_
Well No.	Lease	Sec.	Twp.	Rge.
15-3		15	28	

Туре	Driller	Cement Used	Casing	g Used	Depth	Size of Hole	
Oil	Brantley Thornton	5	22'3"	8 5/8	1232	77/8	

		Tormat	lon Record		
0-4	DIRT	524-550	LIME	952-954	LIME
4-20	LIME	550-555	SANDY SHALE	954-980	SANDY SHALE
20-22	SHALE	555-556	LIME	956	GAS TEST - SAME
22-125	SHALE	556-562	SANDY SHALE	980-981	LIME
125-140	LIME	562-564	LIME	981-982	COAL
140-235	SANDY SHALE	564-567	BLACK COAL	982-1002	SANDY SHALE
235-240	SANDY LIME	567-620	SANDY SHALE	982	G.T3 1/2", 3/8"= 6.6 MCF
240-245	LIME	620-624	LIME	1002-1003	LMY SHALE
245-253	SANDY SHALE	624-633	SANDY SHALE	1003-1012	SHALE
253-320	SAND / DAMP	633-636	LIME	1012-1014	LMY SHALE
320-325	SANDY SHALE	636-650	SANDY SHALE	1014-1022	SANDY SHALE
325-335	SHALE / SAND	650-660	LIME	1022-1032	SAND
335-365	SHALE	660-672	SANDY SHALE	1032-1033	BLACK SHALE
365-366	BLACK SHALE	672-762	SAND / LIGHT ODOR	1033-1045	SANDY SHALE
366-405	SANDY SHALE	762-764	COAL	1045-1046	BLACK SHALE
405-434	LIME	764-781	LIME (PAWNEE)	1046-1069	SAND
405	WENT TO WATER	781-782	COAL	1069-1071	LMY SHALE
434-440	BLK SHALE / COAL	782-831	SANDY SHALE	1071-1100	BLACK SHALE
440-442	LIME	831-848	LIME (OSWEGO)	1100-1102	COAL
442-444	SANDY SHALE	848-855	BLK SHALE (SUMMIT)	1102-1110	SHALE
444-471	SAND	855-865	LIME/856-G.T1 1/2",3/8"= 4.5MCF	1110-1125	SANDY SHALE
471-475	LIME	865-873	BLK SHALE (MULKY)	1125-1031	SAND
475-487	SHALE	873-876	LIME	1031-1047	DARK SAND / LT ODOR
487-490	LIME	876-885	SANDY SHALE	1047-1167	SAND / WATER SAND
490-491	COAL	881	GAS TEST - SAME	1167-1169	COAL
491-499	SHALE	885-934	SAND / LIGHT ODOR	1169-1194	SAND
499-504	LIME	934-936	COAL	1194-1195	COAL
504-510	BLACK SHALE	936-948	SANDY SHALE	1195-1212	SAND
510-523	LIME	948-949	LIME	1212-1216	CHERTY LIME
523-524	COAL	949-952	COAL / BLK SHALE	1216-1232	TD, GAS TEST - SAME

Formation Record