

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1242435

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 #	API No. 15					
Name:	Spot Description:					
Address 1:	SecTwpS. R					
Address 2:	Feet from North / South Line of Section					
City: State: Zip:+	Feet from _ East / _ West Line of Section					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()	□NE □NW □SE □SW					
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxxxx) (e.gxxx.xxxxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
□ Oil □ WSW □ 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: □ Well Name:	Producing Formation: Elevation: Ground: Kelly Bushing: Feet 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: sx cmt					
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)					
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name:					
GSW Permit #:	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or Recompletion Date	Quarter Sec TwpS. 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:

Page Two



Operator Name:			L	ease Name: _			Well #:			
Sec Twp	S. R	East We	est C	County:						
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in pres	sures, whether sh	ut-in pressur	e reached stati	c level, hydrosta	tic pressures, bott		rval tested, time tool erature, fluid recovery,		
Final Radioactivity Lo files must be submitted					ogs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital electronic log		
Drill Stem Tests Taker (Attach Additional		Yes [No	L	_	on (Top), Depth an		Sample		
Samples Sent to Geo	logical Survey	Yes	No	Nam	e		Тор	Datum		
Cores Taken Electric Log Run		Yes Yes	No No							
List All E. Logs Run:										
		(CASING REC	ORD Ne	ew Used					
		· ·		ıctor, surface, inte	ermediate, producti	1		I		
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		
		ADD	ITIONAL CEN	MENTING / SQL	JEEZE RECORD					
Purpose:	Depth Top Bottom	Type of Cem	ent #	Sacks Used	d Type and Percent Additives					
Perforate Protect Casing	100 20111111									
Plug Back TD Plug Off Zone										
1 lag on zono										
Did you perform a hydrau	ulic fracturing treatment	on this well?			Yes	No (If No, ski	o questions 2 ar	nd 3)		
Does the volume of the to		•				_ ` ` '	p question 3)			
Was the hydraulic fractur	ing treatment information	on submitted to the c	hemical disclo	sure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)		
Shots Per Foot		ION RECORD - Bri Footage of Each Into			Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth					
	, ,	<u> </u>			,		,	·		
TUBING RECORD:	Size:	Set At:	Pa	acker At:	Liner Run:					
						Yes No				
Date of First, Resumed	Production, SWD or Ef		cing Method: owing	Pumping	Gas Lift C	other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls. G	as Mcf	Wate	er Bi	ols. G	as-Oil Ratio	Gravity		
DIODOCITI	ON OF CAS:		N 4 - T - 1		TION:		PPODUOTIO	ON INTERVAL.		
Vented Solo	ON OF GAS: Used on Lease	Open Ho		IOD OF COMPLE \Box		nmingled	PRODUCTION	ON INTERVAL:		
	bmit ACO-18.)	Other (Si	necify)	(Submit		mit ACO-4)				



PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

DUTOMER K GANGAS RESOURCES EXD THUCK# DRIVER TRUCK# DRIVER THUCK# DRIVER THUCK# DRIVER TRUCK# DRIVER THUCK# DRIVER THUCK# DRIVER TRUCK# DRIVER THUCK# DRIVER THUCK# DRIVER THUCK# DRIVER THUCK# DRIVER TRUCK# DRIVER TASHCE THUCK# DRIVER TRUCK# DRIVER TRUCK	320-431-9210 d	or 800-467-8676			CEMEN	TI			
TRUCK# DRIVER TRUCK# DRIVER KANDAG ADRESS (ALLING ADDRESS (ALLING ADDRE	DATE	CUSTOMER#	WELL	NAME & N	UMBER		TOWNSHIP	RANGE	
TRUCK# DRIVER TRUCK# DRIVER KANDAG ADRESS (ALLING ADDRESS (ALLING ADDRE	10-29-14	4448	Hollins	ef	KB-36	SW 31	16	22	M.
MALLING ADDRESS 9393 W 110 14 9393 W 110 14 9393 W 110 14 00 PTR	CUSTOMER	Reco	F.	4 D	11, 5		T DRIVER	TRUCK#	DRIVER
9393 W 110 15 ONLY CONTROL OF STATE ZIP CODE ONLY CONTROL ON STATE ZIP CODE ONLY CONTROL ON STATE ZIP CODE ONLY CONTROL ON STATE SURRY WEIGHT SURRY WEIGHT SURRY WEIGHT SURRY VOL. SURRY WEIGHT SURRY VOL. WATER gall'SK CEMENT LEFT IN CASING YES OISPLACEMENT 98 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 4 by AN DISPLACEMENT 91 BOD MIX PSI 2 VO RATE 91 BOD MIX P	MAILING ADDRE	5 176300	arces E	V V	-		-		
SITE ON PORK KS (bbd) 510 Depo Web ON PIGENT FORK KS (bbd) 510 Depo Web ON PIGENT FOR THE PRODUCT CASING SIZE & WEIGHT 278 CASING OPPTH 52.75 DRILL PIPE TUBING CASING SIZE & WEIGHT 278 CONTROL OF THE LET 122.55 SURRY WEIGHT SURRY VOL DISPLACEMENT FSI BOD MIX FSI 240 RATE 46/FM REMARKS: Hold Meeding Fs to be file. Shed rate. Mixel pum ped 100 Selection of Services or PRODUCT FROM SECOND OF THE LET 122.55 Way for Utah ACCOUNT CODE ACCOUNT CASH CODE ACCOUNT COD		142 115	x5				76	Jajery	JV(EE)
ON PLANT PORK KS bb210 JOB TYPE LORGISTE INT. HOLE SIZE 5 78 HOLE DEPTH 76.2 CASING SIZE & WEIGHT 278 TUBING TUBING WATER GAINS SLURRY WEIGHT SLURRY WOLL SURRY WOLL SURRY WOLL WATER GAINS RATE 46/M RATE A6/M RATE 46/M RATE 4	CITY	w 110	STATE	ZIP CODE	-		7		
DISTYPE LORS STATES HOLE SIZE \$78 HOLE DEPTH 76 CASING SIZE & WEIGHT 378 CASING DEPTH 122.75 SCASING DEPTH 122.75 DISPLACEMENT 52.75 DISPLACEMENT 42 DISPLACEMENT PSI 600 MIX PSI 200 RATE 460 MIX PSI 200	Dureday	al Park	K5	lohain	2 _		Dialleh		
CASING DEPTH 32.73 DRILL PIPE TUBING UNIT REMINE WHICHT SLURRY WEIGHT SLURRY WEIGHT SLURRY WEIGHT DISPLACEMENT 122 WATER gallyk CEMENT LEFT IN EASTING YES RATE 4 by MIX PS RATE 4 by						211	CASING SIZE & W	EIGHT 27	3
SLURRY WEIGHT SLURRY WEIGHT DISPLACEMENT 12 DISPLACEMENT PSI BOD MIX PSI 2 PO REMARKS: 1/2 Meet Ins. Established rate. Mixel fun; ped 100 P Sept 15 flowed by 100 sk 50/50 cement plus 25 pelt 12 P Showed by 100 sk 50/50 cement plus 25 pelt 12 P Showed plus to battle. Weller cement. Flusted fund Jew 1 held 800 PSI. 5 et 1 Waylon Utah Account Code QUANITY or UNITS DESCRIPTION of SERVICES or PRODUCT UNIT PRICE TOTAL Shol I PUMP CHARGE 368 P87 Shol 752.75 Castes 100 fage 368 P87 Shol 12 Bo 20 PSI. 5 et 1 1134 106 50/50 cement 13/92 1138 278 5e 1 1107A S3# Shenesad 13/51/1 hess 3070 - 405.51 Material 540.51		Chica . L	3					1 /	122.35
DISPLACEMENT 42 DISPLACEMENT PSI BOD MIX PSI 200 RATE 46 M REMARKS: Held meeting. Established rate. Mixels fund ped 100th Sel to flowed by 106 sk 50/50 cement plus 20 gel to 12 Then sed per seck. Circulated cement. Flushed fund James flug to be the. Will held 800 PSI. Set Hold. Account code quanty or units description of services or product unit price total 3401 1 pump charge 368 8400. 5402 752.75 Castas todage 368 8400. 5402 152.75 Castas todage 369 - 1800. 5402 162 80 yell. 5402 163 80 yell. 5404 164 165 50/50 cement 12/90. 1188 278# Sed 16.16 1107A 53# Then sed 16.16 1107A 53# Then sed 16.16 1107A 53# Then sed 17.55 Material sub 1351.71 Mess 3070 - 405.51 Mile 20.00 1108 2939.87 74.44 ESTIMATED 0.72 20.00		, , , -	-			/sk	CEMENT LEFT in	CASING VE	_
REMARKS: Held neeting. Is tablished rate. Mixed funged 100 5 9 1 100 wed by 100 sk 50/50 ce ment plus 20 get to 2 2 5 1 100 wed by 100 sk 50/50 ce ment plus 20 get to 2 2 5 1 100 sk 50/50 ce ment plus 20 get to 2 2 5 1 100 sk 50/50 ce ment plus 20 get to 2 2 5 1 100 sk 50/50 ce ment plus 20 get to 2 2 2 100 sk 50/50 ce ment plus 20 get to 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		/1 0		PSI 80			1	,	
Selfollowed by 106 sk 50/50 cement plus 2% gelt by 106 sk 50/50 cement, Flushed plus 24 plus 10 plus 10 battle. Cement, Flushed plus 10 plus 10 battle. Wall held 800 PSI. Set Hebt. Waylow Utah Account Quanity or Units Description of services or PRODUCT Unit PRICE TOTAL 3401 1 plus plus 1 plus plus 1				. 1			Mixed & P	un Deo	1 100#
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SALES TAX 74.64 ESTIMATED 0 2 21		†					11.13(1)	2989.87	
Ravin 3737 ESTIMATED 0 2 211						VI. 400-11	***************************************		74.64
TOTAL 2553.54	Ravin 3737	·					**************************************	ESTIMATED	7
		7 . M. /N			_ TITLE			TOTAL DATE	2552.27

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.

SPUD DAT	E: 10-28-14		*
FINISH DA	TE: 10-29-14		
LEASE: Ha	llinger	to a	
LEASE OPE	RATOR: KRED		
WELL: KB	-36		
API: 15-1	21-30715		
SEC:	TWP:	RNG:	
COUNTY:	Miani		
DRILLERS I	NAME: Waylon	Johns	. 1
RIG#: Z	,,,,		



2394 UTAH ROAD RANTOUL, KS 66079

SURFACE: SIZE BIT 11" LENGTH 20' SIZE 7" CEMENT 5 Bass

DRILL BIT SIZE 578 LENGTH 752.75 SIZE 278 Used BAFFLE 30,20

TD 761 CORED 661-681

FORMATIONS	THICKNESS	FROM	то	FORMATION	THICKNESS	FROM	то
Soil	5	0	5	Line KC	6	357	363
Lime	7	5	12	Shale	22	363	385
Grey Sund	4	12	16	Grey Sand No Oil Show	2	385	397
Shale	10	16	26	Shale	80	387	467
Lime	17	26	43	Shale Broken Georg Sand No Oil Shaw	10	467	477
Shale	24	43	67	Shale	53	477	530
Lime	13	67	80	Lime	7	530	537
Shale	108	80	180	Shale	8	537	545
Lime	2	180	182	Line	2	545	547
Shale	1.	187	183	Shale	36	547	573
Lime	16	183 199	199	Line	6	573	579
Shale	8	199	207	Shale	16	579	595
Lime	1	207	203	Line	2	595	597
Shale	4	208	212	Shale	5	597	602
Lime	1	212	213	Line	2	602	604
Shyle	21	213	234	Shale	11	604	615
Lime	2	234	26	Lime	3	615	618
Shale	1	236	237	Shale	16	618	634
Lime	5	237	242	Linge	2	634	636
Coal	5	242	247	Shale	19	636	655
46/2	11	247	258	Shale 10% 610 Sand Smell No Pleas	4	655	659
ime	15	258	273	Solid Oil Sand Good Blood CP	2	659	661
Shale	16	273	200 289	Solid Oil Sand Good Bleed	2,75	661	603.75
Lime	9	REGIST	298	50% Broken Sand Light Bleed	3.79	63,75	667.5
Shale	- 2	298	300	60% Broken Sand Good Bleed		67.5	669
Line	14	300	314	Gery Sund No Bleed		669	671,5
Shale	6	314	320	Solid Oil Sand Good Bleed		671.5	675.25
-ilm e	23	320	343	50% Araken Sund Bleed		675.25	6775
C041	5	143	348	Solid O.Y Sond Good Bleed		671.5	6785
ine	7	348	355	Line		6785	679
Shule	2	355	357	Oil Sand Good Bleed		678	681

SPUD DATE:				1					
FINISH DATE:									
LEASE:	74			1	UTAH				
LEASE OPERATOR:					ULAL				
WELL: KB-36		V		9					
API:									
SEC: TWP:	RNG:				NU SULT COM				
COUNTY:				_			V		
DRILLERS NAME:				1	2394 UTA	H ROAL	D		
RIG #:				1	RANTOUL,	KS 660	79		
SURFACE: SIZE BIT	LEN	GTH		_ SIZE CEMENT					
DRILL BIT SIZE									
TD CORED							4.	_	
FORMATIONS	THICKNESS		то	FORMATION		T			
Shale "TD"	80					THICKNESS	FROM	то	
Shale IV	100	681	14.761	-				-	
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