Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1245685

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 East West
Address 2:	Feet from North / South Line of Section
City:	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.xxxxx) (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:
	Producing Formation:
□ Oil □ WSW □ SWD □ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
GSW Sigw Sigw GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	·
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or Recompletion Date	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:

1245685	

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
open and closed, flow	now important tops of fo ving and shut-in pressu o surface test, along w	ires, whether shut-in p	essure reached stat	ic level, hydrosta	tic pressures, bo		
	g, Final Logs run to ob ed in LAS version 2.0 o			ogs must be ema	illed to kcc-well-lo	ogs@kcc.ks.go	v. Digital electronic log
Drill Stem Tests Taker (Attach Additional		Yes No			on (Top), Depth a		Sample
Samples Sent to Geo	logical Survey	☐ Yes ☐ No	Nam	ie		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			G RECORD Notes Note Notes Note	ew Used	ion etc		
Durance of String	Size Hole	Size Casing	Weight	Setting	Type of	# Sacks	Type and Percent
Purpose of String	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		ADDITIONA	L CEMENTING / SQI	JEEZE RECORD		·	
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used		Type and	Percent Additives	
Perforate Protect Casing							
Plug Back TD Plug Off Zone							
	ulic fracturing treatment or			Yes		kip questions 2 ar	nd 3)
	total base fluid of the hydra ring treatment information	=	_	? Yes [kip question 3) I out Page Three	of the ACO-1)
Trae are riyaraane mastar							
Shots Per Foot		N RECORD - Bridge Plu ootage of Each Interval Pe			cture, Shot, Cemen mount and Kind of M		Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No)	
Date of First, Resumed	Production, SWD or ENH	IR. Producing Me	thod:				
3, 11332/1164	, <u>, , , , , , , , , , , , , , , , , , </u>	Flowing	Pumping	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	Oil B	Bbls. Gas	Mcf Wat	er B	bls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF GAS:		METHOD OF COMPL	ETION:		PRODUCTIO	ON INTERVAL:
Vented Solo		Open Hole	Perf. Duall	y Comp. Cor	mmingled	THODOCTIC	ZIN IINI EI IVAE.
	bmit ACO-18.)	Other (Specify)	(Submit	ACO-5) (Sub	mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Ritchie Exploration, Inc.
Well Name	Baker 36D 1
Doc ID	1245685

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Surface	12.25	8.625	23	218	Common	3%cc, 2% gel

3700 3700		ST'S REPORT I'ME AND SAMPLE LOG DELEVATIONS MED 3059 WITH CASING COMP M/O COMP M/O AND STRUCTURAL POSITION AND S	SAMPLE DESCRIPTIONS REMARKS			SH, GRY, DKGRY LS. GRY, TAN, FXTLN, BRTIL, HRD, NO VIS Ø, NS LS. GRY, FXTLN, HRD, NOVIS Ø NS SLTSTN, LT GRY LS. GRY, TAN-FOSS, HRD, FXTLN NO VIS Ø, NS	LS, CRM, TAN, EXTLN, ABUN SML FOSS, I HRD, SL BRTTL, NO VIS Ø, NS SH, CRY, SL FISSLE LS, GRY, CRM, F XTLN, IM HRD, FEW FOSS, TITE, NS SH, GRY, SLTY SH, BLK LS, TAN, BRN, F XTLN, IM HRD, NO APP P.NS LS, GRY, F XTLN, HRD, SL GRNLR TXT, TITE, NS	LS, CRM, A.A LS, CRM, BUFF, LG XTLS, VG B, BLK TARRY DD OIL FILL Ø, WET, NSFO, NO ODOR	LS.CRM, BUFF, F-M XTLN, SL GRNGR TXT, M-Y HRD, P XTLN Ø, NS TAM 12-5-14 DRLG @ 3808' LS.TAN, M XTLN, GRNLR TXT, HRD, NO VIS Ø, PES V FOSS, NS LS, LT GRY, VF XTLN, SL DNS, NRD, NO APP B.NS SH, GRY LS, BRN/TAN, M XTLN, SL ALGAL, HRD, P XTLN Ø, SCT WHT CHT NS LS, BRN/TAN, M XTLN, CRS TXT, F-P Ø, SCT GRY FOSS CHT, NS	LS, CRM, TAN, F XTLN, SL FOSS, SOFT, SL BRITL, F+G Ø, NS SH, BLK LS, CRM, F XTLN, CHLKY, S OFT, G FLUOR STNG, STRKY BRN STN, FAIR SHO FO ON BRK O LO CHALK LS, WHT, CRM, F+M XTLN, FEW SCT LG XTLS, CHLKY, FEW OPAG CHT-FRESH, NS, NO OD OR LS, GRY/BRN, F XTLN, HRD, G FLUOR SAT EDGE STNG W/F+G SHO FO ON BRK, F FRAC'D, MBRN OIL LS, CRM, VF XTLN, DNS, HRD, FEW SCT RE XTL'D FRACS, NO Ø, NS LS, WHT, CRM, V DNS + HRD, TITE NS LS, BUFF, CRM, F XTLN, S+M HRD SL BRITL, FEW SCT SML VUGS, MOSTLY TITE, NS	LSITAN, FXTLN, HRD, SCT SML FOSS, DNS, TITE, NS DOLO, WHT, TAN, F > M XTLN, HRD, G XTLN Ø, NS HRB, G Ø, VG EVEN FLUOR STNG NSFO LS, CRM/WHT, SCT GRN MIN STNG, HRD, DNS, SCT PP OIL FILL® SH, VARI COLOR, BLK LS. TAN, WHT, FXTLN, H+M HRD, DNS, NO Ø, NS LS, A.A LS, TAN, BRN, BUFF, F XTLN, HRD, SL CHLKY PCS, NO VIS Ø, NS LS, BUFF, F XTLN, BRTTL, P G 2 PCS W/LT FLUOR, NSFO, NO ODOR LS, BUFF, F XTLN, SOFT, G PP > MED, ABOUNT REC: 288'OCWM - 35', W	S.BUFF, F.XTLN, SOFT, G.PP>MED SHOWS STAND SCT FLUOR STN, FLUOR FOR GODOR CON BRK, G.STNG. + PP FO ONBRK GAS BBLS SH, BLK	SHIBLK, CARB LS, LTGRY, VF XTLN, DNS, BRITL, NO VIS ØINS LS, BUFF, FXTLN, PCS CLEAN, DNS, HRD, NO APPØ, NS LS, GRY, LTGRY, FXTLN, DNS, HRD, TITE, NS LS, BRN, TAN, FXTLN, HRD, VSL FOSSI, NS, NO APPØ LS, BRN, TAN, FXTLN, SOFT, V BRITL, SL CHLKY, NS LS, WHT/CRM, FXTLN, BRITL S SSL HRD, PCS F & PP XTLN Ø, G SHO STRKY & EVEN STNG, FAIR SHO DK OIL ON BRK, DULL FLURR LS, GRY, F & M XTLN, BRITL LS, GRY, F & M XTLN, BRITL VG XTLN Ø, G OIL FILL Ø LS, BRN/GRY, VF XTLN, DNS, HRD, TITE, NS IF: WK SURF BLO, DEAD 10' FF: dead, Flush, dead	SH, BLK, CARB LS, BRN, GRY, FXTLN, HRD, TITE, SCT GRY FOSS CHT, NS	LS, BRN, TAN, PCS FOSS, HRD, SL BNS, NS LS, BUFF, TAN, F XTLN, FOSS, SCT LG XTLS WIN, NO APPB, SLT CHLK LS. TAN, F XTLN, LG XTLS WIN, V BRITL, M HRD, SL CHLKY ON BRK, NSFO LS, TAN, M XTLN, GRNLR, BRITL FOSS, P+F Ø, NS LS. WHT, V LG OOLS, F CMT'D OOLS, G OOL Ø, NS A.A. LS, TAN/BRN, F XTLN, ABUN SML PADLS WIN, SOFT, ROTTEN NS LS, BRN, F XTLN, M HRD, ABUN, W CMT'D OOL + FOSS, PLAN SLAND SOFT, COTTEN NS 7:AM 12-8-14 DRLG @ H307'	MUD CHECK	SH. BLK LS.GRY, VF XTLN, DNS, HRD, TITE, NS LS.BRN, WHT, FAIR PP XTLN Ø, LT ODOR, F+G BRN+ DULL FLUOR STNAG, GASSING, SLOW BLEED, MED BRN OIL, G ODOR ON BRK, LT FO A A CHT, WHT, BRN, SMOKE-FOSS, FRESH, SHARP, NS A CHT, WHT, BRN, SMOKE-FOSS, FRESH, SHARP, NS DST#5 4385-4472 30.45.30.45 IF: Yi ISI:NR FF: dead, flush, dead REC: 75'M OIL SPTS N TOOL FP: 22-41-44-62 LS, WHT, FXTLN, PCMTD BOLS, GOOL B, FAIR GSY OILON BRK SHIPLE LS, WHT, FXTLN, PCMTD BOLS, GOOL B, FAIR GSY OILON BRK HP: 2272-2153	A LS, BRN, VF X LN, Y W CMI 9 BISST FOSS, TITE, GRY CHT-V FOSS, NS O C HLK, LMY, BRT FLUOR FON 2 pcs O L C O L SIBRN, WHT, F XTLN, HRD, FOSS, O LS, BRN, WHT, F XTLN, HRD, FOSS, O LS, WHT, CHLKY, SOFT, Res ABUN GRY PELS LS, WHT, CHLKY, SOFT, Res ABUN GRY PELS LS, WHT, F XTLN, V HRD, FOSS, TITE NS, WHT, F XTLN, CHLKY, S-PHRD, SH, GRY LS, WHT, F XTLN, CHLKY, S-PHRD, TITE, NS SH, GRY, LT GRY SH, GRY, LT GRY SH, GRY, LT GRY	LS ITAN, EXTLN, HRD, SCT BRN OIL STNID PITTING, NSFO-BRK LS ITAN, BRN, VF XTLN, LG XTLS W/N, SL HRD, F+G STNG+GASSY FOON BRK, SOME NAT FON TRAY AA. Pes W/G SAT STNG, G SHO SL GASSY FOON BRK, FEW FONTRAY LS IBRN, UF XTLN, DNS, HRD, TITE NS LS, TAN, BRN, F XTLN, HRD, DNS, FOSS, TITE, M LS, GRY/BRN, VF XTLN, VDNS, LS, GRY/BRN, VF XTLN, VDNS,	LS.GRY/BRN, VF XTLN, VDNS, VHRD, TITE, NS LS.AA., SET PES W/SML FOSS, NS LS.ARY, WHT, F XTLN, HRD, NOVIS B NS SH, BLK, DKGRY LS.BRN, TAN, F XTLN, HRD, TITE, FEW SET FOSS, NS SET BRN MINS WN, GØ, NS LS.TAN, BRN, F XTLN, HRD, DNS, TITE, NS LS.TAN, BRN, F XTLN, HRD, DNS, GØ, 8 PES W BLK DD OIL STNG, WET SS. WHT + GRN CMT, L6 CLR GRMS. P SORT, ANG, W CMT'D, HRD	PSORT, ANG, W CMT'D, HRD LS. BRN, TAN, F XTLN, PCS FOSS, HRD, TITE, NS "SCT BRN CHT-CHARP A CHT, GRN, ORNG, RED, TAN FRESH LS. BRN, F XTLN, DNS, HRD. TITE, NS LS. GRN, TAN, V GRNY (SNDY) CHLKY CMT'D, SOFT, SL BRTD, F, NS CHT, PEACH, TAN, GRN, FRESH A A A A LS, BRN, TAN, F XTLN, FEW SET CHLK, HRD, NO VIS B, NS	LS. A.A. V PYRITIC LS. TAN, FXTLN, SCT MED PHIS YN, S=m HRD, NS. CHLKY DRLGE 4724'	A.A. A.A. A.A. A.A. CHALK, STICKY OLO OLO OLO OLO OLO OLO OLO O
		TURAL POSITION SUB-SEA STRUCTURAL POSITION DATUM A B C 679 679 679 661 663	ANHYDRITE 383 +676 BASE 2400	3400	3500	3600				3900 -811 TORONTO 1010 1887 -828	4000		4100	4200 HUSHPUCKNEY 222 - 1163	BKC 265-1206 MARMATON 285-1226	315 -1256 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1391 - 1332 4400 10181C 1429 - 1370	HEROKEE 1480-1421		MORROW 1608-1549	MISS 16.52 -1593 11		4700
	\$\frac{4608}{4608} \frac{4612}{4650} \frac{1508}{4608} \f	4389 -1330 -1342 4448 -1389 -1398 4477 -1418 -1425 Anhydrite	FOOT ion Decreas																REWATR AUTO DAI	305 F 10/61			
A A A A A A A A A A	Ditabia #1 Daka; 310 円/3 0円 0W 31 1月 3/W	608	PER of Penetro						cfs 4/5	CFS 45	c FS 45	C.F.S. 45	C.F'S 60°	C.F.560°	CFS 66	GFS60	>			F 66	ers de		



#1 Baker 36D

2015' FSL & 440' FEL 35' N & 110' W of E/2 NE SE Section 36-15S-35W Logan County, Kansas API# 15-109-21374-0000

Elevation: 3054' GL, 3059' KB

			Ref.
Sample Tops			Well
Anhydrite	2384'	+675	-4
B/Anhydrite	2401'	+658	-4
Stotler	3502'	-443	Flat
Heebner	3870°	-811	-4
Toronto	3887	-828	-5
Lansing	3918'	-859	-6
Muncie Shale	4088'	-1029	-6
Stark	4182'	-1123	-4
Hush	4222'	-1163	+8
BKC	4265°	-1206	+5
Marmaton	4285'	-1226	+9
Altamont	4315'	-1256	+11
Pawnee	4391'	-1332	+11
Myrick	4429°	-1370	+13
Fort Scott	4449'	-1390	+8
Cherokee	4480'	-1421	+4
Johnson	4557'	-1498	+9
Morrow	4608'	-1549	+6
Mississippian	4652'	-1593	+6
RTD	4835'	-1778	

ALLIED OIL & GAS SERVICES, LLC 064829 Federal Tax I.D. # 20-8651475

SOUTHLAKE, TEXAS 76092	SI	BRVICE POINT:
DATE 2-1-14 SECS TWP. RANGE 3.5	ALLED OUT ON LOCATIO	N JOB START JOB FINISH
LEASEBOX ST 36 AWELL # LOCATION PONT.	e 360 3N	COUNTY STATE
OLD OD MRIII (Circle and	Lipto	Logan KS
CONTRACTOR WW3 TYPE OF JOB Surface	OWNER Same	
HOLESIZE 124J T.D. 219	CEMENT	,
CASING SIZE 85/8' DEPTH 218' TUBING SIZE DEPTH	AMOUNT ORDERED /	10 sks Com
DRILL PIPE DEPTH	34,CC 27.g.	<u>u</u>
TOOL DEPTH PRES. MAX MINIMUM		
MEAS, LINE SHOE JOINT	COMMON	5 @ 17.90 3043.00
CEMENT LEFT IN CSG. 15"	POZMIX 330 2	1 @ 150 /60.00
PERFS.	CHLORIDE 479	
DISPLACEMENT 12.5 561 14.5	ASC	
EQUIPMENT	Morrow 1 Total	<u></u>
PUMPTRUCK CEMENTER Faul Beaver	- (/-	
# 120 HELPERTY CIOSE / Trans	<u> </u>	
BULKTRUCK		<u> </u>
# 600 DRIVER OSCEY / TOFF (FELS)		
# DRIVER	111101 110 167 02 A	@
	HANDLING 183,83 47	@ 218 458.90 mx 2.75 1153,63
REMARKS:		TOTAL
my 170 sks		
_ Displace white	SERY	/ICE
persont did cicc	DEPTH OF JOB	219'
	PUMP TRUCK CHARGE	1512,25
	BXTRA FOOTAGE MILEAGE	0 0 7.70 385,00
Thank You!	MANIFOLD	@ <u>1.10 500,000</u>
Puntatron	MILV 50	@ <u>4,40 320,00</u>
CHARGETO: Ritchie Exploration		
•	(745.35/20	TOTAL 3.7%.78
STREET	(, , , , , , , , , , , , , , , , , , ,	J WIAL OF TOTAL
CITYSTATEZIP	PLUG & FLOA	AT EQUIPMENT
		@
To Allied Oil & Con Southern LLC		
To: Allied Oil & Gas Services, 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		TOTAL
contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)	
	TOTAL CHARGES 1.45	1668
PRINTED NAVIE LOTAL PLANTS	DISCOUNT 1,491.33 ((2022) In prins 11122 = 1112
SIGNATURI ASMALLA GALLA	2,1962.31	TIPT.
The state of the s		

ALLIED OIL & GAS SERVICES, LLC 064839

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999	SERVIÇE POINTI
SOUTHLAKE, TEXAS 76092	A Marian
OOOTHERINE, TENNO 10092	(1981a, 1°5
Yangan	0 mg/ to
DATE 12-14 SEC TWP. 5 RANGE 35	CALLED OUT ON LOCATION LIOR STADT LION PHANE
1) o kay 21. 0	Market 10B FIRISH
	o 715 71 COUNTY STATE.
OF DOD REDUKA	Winto Logan KS
	27/170
CONTRACTOR WWJ	OWNER Sape
TYPE OF JOB PTA	
HOLESIZE 778 TD. 4835	CEMENT
CASING SIZE DEPTH TUBING SIZE DEPTH	AMOUNT ORDERED 155 sts 60/40
	41. gel 14 # Flo-ser/
TOO!	
PRES. MAX MINIMUM	not then
MEAS. LINE SHOE JOINT	COMMON@
CEMENT LEFT IN CSG.	POZMIX@
PERFS.	CHLORIDE @
DISPLACEMENT 5 16 Notes 22661 mud	ASC@
EQUIPMENT	Lite 60/40/4 2555KS@ 18,92 4824.60
	Flo-seal 64 # @ 2.97 190.08
PUMPTRUCK CEMENTER LOW DROLLEY	
# 120 HELPER Wer Flipse/ Anthony	Matical Total @ 5614.68
BULK, TRUCK	
#89//3/O DRIVER TOAK	
BULK TRUCK	(
# DRIVER	@
	HANDLING 273.87 413 @ 248 679.20
REMARKS:	MILEAGE 11.44 Jons x Jam's, 2.75 1887.60
Mix 50 sks @ 2400; Displace w/ mud	TOTAL
- 118 90 SKS @ 2400, Displace we mad	
mix 100sks @ 1210 Displace w worker	SERVICE
mix 10 sks @ 40', wi wooden plug	DEPOSIT OFFICE
mix 30 yes in R. H	DEPTH OF JOB 2485 PUMPTRUCK CHARGE 2483.59
mis 15 aks in m.H	
Thank You!	EXTRA FOOTAGE @ ### 60 @ 7.70 462.80
- Paul + Craw	
	MANIFOLD @ 9.40 364.00
0.11.	
CHARGETO: Ritchie Exploration	
STREET	(115527/203) TOTAL 5, 77639
	,
CITYSTATEZIP	
	PLUG & FLOAT EQUIPMENT
	85/8 Wooden plug @ 110.00
To: Allied Oil & Gas Services, LLC.	
You are hereby requested to rent cementing equipment	
and furnish cementer and helper(s) to assist owner or	@ <u></u>
contractor to do work as is listed. The above work was	-B 110 - 0
done to satisfaction and supervision of owner agent or	TOTAL
contractor. I have read and understand the "GENERAL	OUT FORMY HELD
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
/ 1	TOTAL CHARGES 10,901.07
PRINTED NAME LONDIC LANG	TOTAL CHARGES 10, 901.07 DISCOUNT 215821 (20%) IF PAID IN 30 DAYS
	DISCOUNT CACAGASA TOO T IF PAID IN 30 DAYS
1 1	8 74285 161