

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division 1271748

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:			Sec	TwpS. R
Address 2:			Feet	from North / South Line of Sectio
City: St	ate: Zip	D:+	Feet	from East / West Line of Section
Contact Person:			Footages Calculated from Ne	earest Outside Section Corner:
Phone: ()			□ NE □ NW	☐ SE ☐ SW
CONTRACTOR: License #			GPS Location: Lat:	, Long:
Name:				g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:			Datum: NAD27 NAD27	
Purchaser:			County:	
Designate Type of Completion:			Lease Name:	Well #:
New Well Re-	·Fntrv	Workover	Field Name:	
	_		Producing Formation:	
☐ Oil ☐ WSW	SWD	SIOW	Elevation: Ground:	Kelly Bushing:
☐ Gas ☐ D&A ☐ OG	☐ ENHR	☐ SIGW ☐ Temp. Abd.	Total Vertical Depth:	Plug Back Total Depth:
CM (Coal Bed Methane)	G3W	Temp. Abd.	Amount of Surface Pipe Set a	and Cemented at: Fee
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co	
If Workover/Re-entry: Old Well Inf				Fee
Operator:				nent circulated from:
Well Name:			, ,	w/sx cm
Original Comp. Date:			loot doparto.	
	_	NHR Conv. to SWD		
Deepening Re-perf. Plug Back	Conv. to GS		Drilling Fluid Management F (Data must be collected from the	
Commingled	Permit #:		Chloride content:	ppm Fluid volume: bbl
Dual Completion	Permit #:		Dewatering method used:	
SWD	Permit #:		Location of fluid disposal if ha	auled offsite:
☐ ENHR	Permit #:		On a water Name of	
GSW	Permit #:			
				License #:
Spud Date or Date Rea	iched TD	Completion Date or		TwpS. R
Recompletion Date		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:						

Page Two



Operator Name:				Lease N	Name: _			Well #:		
Sec Twp	S. R	East	West	County	:					
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ing and shut-in pressu	ires, whe	ther shut-in pre	ssure reac	hed stati	c level, hydrosta	tic pressures, bott			
Final Radioactivity Log files must be submitte						gs must be ema	iled to kcc-well-lo	gs@kcc.ks.go	v. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No		L		on (Top), Depth an		Samp	
Samples Sent to Geol	ogical Survey	_ Ye	es No		Nam	е		Тор	Datur	n
Cores Taken Electric Log Run		Y€								
List All E. Logs Run:										
				RECORD	☐ Ne					
				conductor, su	rface, inte	ermediate, producti			I	
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used	Type and P Additiv	
			ADDITIONAL	CEMENTIN	NG / SQL	JEEZE RECORD				
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks Used Type and Percent Additives						
Perforate Protect Casing	Jop Zollow									
Plug Back TD Plug Off Zone										
1 ag on zono										
Did you perform a hydrau	ılic fracturing treatment o	n this well?	•			Yes	No (If No, ski	p questions 2 ar	nd 3)	
	otal base fluid of the hydra		J	,	0		_ , ,	p question 3)	(" 100 ")	
Was the hydraulic fractur	ing treatment information	submitted	to the chemical o	disclosure re	gistry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot			D - Bridge Plug Each Interval Perf				cture, Shot, Cement			Depth
	. ,							,		
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	IR.	Producing Meth Flowing	nod:	g 🗌	Gas Lift C	Other (Explain)			
Estimated Production Per 24 Hours	Oil B	bls.	Gas	Mcf	Wate	er Bl	ols. G	as-Oil Ratio	Gr	ravity
DISDOSITIO	ON OF GAS:			METHOD OF	COMPLE	TION:		PRODUCTIO	ON INTERVAL:	
Vented Sold			Open Hole	Perf.	Dually	Comp. Con	nmingled	THODOUTIC	ZIV IIVI LTIVAL.	
(If vented, Sub			Other (Specify)		(Submit)	ACO-5) (Subi	mit ACO-4)			

Form	ACO1 - Well Completion				
Operator	Bowman, William F. dba The Bill Bowman Oil Company				
Well Name	Simminger SW 5				
Doc ID	1271748				

All Electric Logs Run

Dual Comp Porosity Log
Dual Induction Log
Borehole Compensated Sonic Log
Microresistivity Log
Computer Processed Interpretation

Form	ACO1 - Well Completion				
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Well Name	Simminger SW 5				
Doc ID	1271748				

Tops

Name	Тор	Datum
Anhydrite	2823	+184
Anhydrite Base	2862	+145
Neva	3396	-389
Red Eagle	3474	-467
Foraker	3526	-519
Tarkio	3609	-602
Topeka	3812	-805
Oread	3910	-903
Lansing	3968	-961
Base of Kansas City	4232	-1225
Pawnee	4289	-1282
Fort Scott	4331	-1324
RTD	4384	-1377

Form	ACO1 - Well Completion				
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Well Name	Simminger SW 5				
Doc ID	1271748				

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
12	4365 - 4368	250 gals MCA 15% Acid, 15 gals RAS- a20, 20 bbls 2% KCL Bioside	4406 - 4410
12	4200 - 4203	250 gals MCA 15% Acid, 3 gals RAS-10, 25 gals KCL 2% Biocide	4200 - 4203
12	4052 - 4055	1500 gals MC 15% Acid, 15 gals RAS-10, 60 bbls 2% KCL Biocide	4038 - 4040, & 4017 - 4020, & 4052 - 4055
8	4038 - 4040		
12	4017 - 4020	250 gals MCA 15% Acid, 3 gals RAS-10, 25 bbls 2% KCL Biocide	4018 - 4020
	CIBP set at 4094		

ALLIED OIL & GAS SERVICES, LLC Federal Tax I.D. #20-5975804 067847

DATE 9-3-15 SEC. 18 TWP. / RANGE 32 CA	ALLED OUT ON LOCATION JOB START JOB FINISH
Strange up	10'00 m 10'30 11'00 a. o
LEASE LOCATION / LOCATION / LOCATION	1 Rd 25 N Gmi Realins STATEKS
OLD OR NEW (Circle one)	. 8830-38470
CONTRACTOR White Knight	owner Same
TYPE OF JOB Surfece	OWNER
HOLE SIZE 12/4 T.D. 325	CEMENT
CASING SIZE 8% DEPTH 323'	AMOUNT ORDERED 200 sks Com
TUBING SIZE DEPTH DRILL PIPE DEPTH	31.cc 21.gel
DRILL PIPE DEPTH TOOL DEPTH	
PRES. MAX MINIMUM	COMMON20065 @ 1790 3580.0
MEAS. LINE SHOE JOINT	POZMIX@
CEMENT LEFT IN CSG. / 5	GEL 376 @ 150 188.00
DISPLACEMENT 19,5 Lb/ HJO	ASC@
EQUIPMENT	ASC@
EQUILIMENT	@
PUMPTRUCK CEMENTER Paul Bower	@
# 43/ HELPER Brandon Wilkinson	ee
BULKTRUCK	@
#891/287 DRIVER Faul Beauer	——————————————————————————————————————
BULK TRUCK # DRIVER	
DAITE	TOTAL 4.388.40
DEMARKS	DISCOUNT 35 % 15 35.94
REMARKS:	of arts and thought the same and and are are and and are
W1. Y 200 SKS	SERVICE
- pispiace we made	HANDLING 216, 2747 @ 2.48 536.35
coment did circ	MILEAGE 9, 87-ton V 70 m, x 2.75-1899, 28
ell to get	DEPTH OF JOB 32 J
elve down @ 11:00 a.m	PUMP TRUCK CHARGE 1512 25
flug down @ 11.00 o.m	EXTRA FOOTAGE @
thank to .	HV MILEAGE 76 @ 7.70 539.00
2118	LV MILEAGE 70 @ 4.40 308.60
CHARGE TO: BILL Bowman Oil	
STREET	**TOTAL 4,795.5
	DISCOUNT 35% 1670.45
CITYSTATEZIP	DISCOUNT (18/0.18)
	PLUG & FLOAT EQUIPMENT
T- AN 107 A G- 9-1- 33 G	
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	
contractor. I have read and understand the "GENERAL	POTOTAL 93 V NO
TERMS AND CONDITIONS" listed on the reverse side.	DISCOUNT%
	SALES TAX (If Any)
PRINTED NAME	TOTAL CHARGES 9, 183.98
	DISCOUNT 3, 34.39 (35%) IF PAID IN 30 DAYS

inox JuvyI SWIFT OPERATOR **TAVORAGA** CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket. ☐ CUSTOMER DID NOT WISH TO RESPOND 25/20/22 785-798-2300 COS! JATOT W.Y. ON [□ KES RE YOU SATISFIED WITH OUR SERVICE? MESS CITY, KS 67560 SATISFACTORILY? WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS XAT P.O. BOX 466 SUIMEY MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO SWIFT SERVICES, INC. 62602 LIMITED WARRANTY provisions. but are not limited to, PAYMENT, RELEASE, INDEMNITY, and WE UNDERSTOOD AND WITHOUT BREAKDOWN? 133.7d SC LATOT 39A9 the terms and conditions on the reverse side hereof which include, **SEMIT PAYMENT TO:** оля ефирмент Ревроямер **LEGAL TERMS**: Customer hereby acknowledges and agrees to DECIDED YOKEE OSSL AGREE SURVEY COC ככל 32 LIH 00 SL עניר W 7.5 HOH 00 00 OSTE CC 7/5 804 00 300 3 LOH 45 ובני NI ast FUR 00 क्र OOL 00 S OHI MILEAGE WIN PRICE MD. MD. 200 DE ACCT **РАВТ ИОМВЕЯ** REFERENCE **TNUOMA** DESCRIPTION SECONDARY REFERENCE/ PRICE ACCOUNTING **NVOICE INSTRUCTIONS** REFERRAL LOCATION bus 45buo-39 mys US MEIT JABE

D SPIES

D SERVICE

LICKENALE

CONTRACTOR **NELL LOCATION** WELL PERMIT NO. **JOB PURPOSE** 12/1 pl SHIPPED ORDER NO. RIG NAME/NO. Simminger Atwood RS Rawling A S1-8-b S OMNEE **BATE** SERVICE LOCATIONS **STATE HSIAANYTNUOD EASE ИЕГГ/РЯОЈЕСТ ИО.** 28-1815 Services, Inc. PAGE SITY, STATE, ZIP CODE **VDDRESS** 66888 TICKET CHARGE TO:

No. 28894

TICKET CONTINUATION

Mess CIP, KS 67560 PO Box 466



25, PreE1		CONTINUA			
S LSC	x 0	HCC E 3337H	CHARGE CHARGE STATE LOTALES HILES HO		
as LSC	cs 1	CORRICHEEL 272	SERVICE CHARGE	- - - - - - - - - -	
				1 2 2 2	

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ळ ०श	00	991 (201 % 4 991 (206 % 0)	104 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 4 50 6	2 <u>9</u> 8
De OHC	30 0	1948 85	الما يحود ا	3 3 4 4	A - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
र हमार	SX 71	54 XI	Shindurd Cement)
ТИООМА	NNIT PRICE	M/U YTP M/U YTP	DESCHILLION	BMIT BE TOOUTINE TO TIME	RENCE SECONDARY REFERENCE/
70 75w	S1-8-b	Symunister SM & S DV	Bucinan Oil Co.	#: 785-798-2300	

TOMER	neun Oi	Co.	Simminge	s Su	TIEACE	5	ices, Inc. JOB TYPE Coment 516" Longstning	TICKET NO 28894
HART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS	PRESSUR	RE (PSI)		
1 11	1400	(D/ M)	(BBL) (GAL)	T C	TUBING	CASING	DESCRIPTION OF OPERATION AND	
	회경						on Location	S%" 15.5"
ŧ.	0-						RTD- 4384 LT	0-4384
				-			TP- 4384 S.	4364
				u barre di cam			SJ-13.77 D.U.	#37 2766
							Turbes "1"3"5"7 "9" 11 #13"1	5+17+19+21 +36
	2 1							- 100
	1000						1 1 10 10 10	
	1600						Short Sti 15.5 + cousing in	Junel
	1735						Drop Ball Circulate	
	1750	14.	100				Lost circulation - *	ld not gain back
	1848	6/2	12	1	/	300	Rump SOOgal Mudflush	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	1857	6/2	120		/		Pump 2066 KCL Flush	
1	1937	45	42		j	300	Mix 175 statt-2 @ 15	.5 pps
							(1) d (D) d	
							Washout Pump i Lines	
							Relase Latel Down Plug	
	1911	62	Ø	1		100	Start Displacement * 9	Dels in Disp*
	Nº	6/1	65.8	1		300	Pinn Mid & D.	1.0. 11. 1
	1930	64	1035	V		1500	Land Level Down Plug *	DI. DER ILL
	1932						Inon Erama	KEESE FOL MOID
	1949	Ø	Ø	V		1400	Open D.U. Tool * Circu	IL aggleria
						1		1 1 1 7 1
	2010	6/2	3010	V		400	Pump 20HJ KCL Flush	18 mg et a Same
		G1/	17				Dira DH /3	21
- 0	2015	5次	177	V		200	Mi) 320 sks SMD @	11.2 000
\dashv								9 308
							Washout Pump + Lines Release Top Plug	1 1 1 1 1 1 1
-						1	Kelease lop Mug	
1	2100	62	Ø	1	-	50	31.10	
1		61/2	60	1		200	Start Displacement	201
	2111	, ,	65.8	1		STY	circulate Coment to surf	T JU SKS
						30 1	and Top Plug Close D.V.	1001
						C	Dash up Truck	
12	145		1 1 1			1		Thunk You

FERENCE WELL FOR STRUCTURE Source	1225		OPS AND STRUC SAMPLE TOP 2823(+184)	8/		l G	3.7
Retroleum; Tim	HM.	(-389) (-469) (-867) (-867) (-867)	POSITION C LOG SUB-SEA DATUM		ELEVATION KB 3007 ELEVATION KB 3007 OF OF OF Sumples Saved From 3150 To: 7.1 Sumples Examined From: 3150 To: 7.1 Coolagical Supervision From 3150 To: 7.1 Wellsite Geologist Reger Mos Electrical Surveys DT1		-00-00
MA-1	N/A	+ 14 N/W N/W + 17 N/W	STRUCTURAL POSITION +15		52 FORMATION T. D. To Total Depth bScS		10G 9-4-15 9-5-15 9-7-15 9-8-15
					INTERVAL		1387 2844 3730 4209 4384
					DESCRIPTION OF SHOW		7 7/8 T26K 7 7/8
					S SISA TWAY 2071		2498 2173 4 4384 1886 5
		Spee oil a Olecision Casing Zones.					1/2 12 1/2 12 1/4 12
		was pe					NO DST's
	Rogu A	Il running through eili made to set 5/2 p pectorate several Kan					s Ran
	Moses	products ansas Ci					
		nhydrite Salt	Sandstone	Shale	Carb sh Limestone Ool.Lime	A A A A A A A A A A A A A A A A	Dolomite
	NG TIME PER I f Penetratio	IN MINUTES FOOT on Decreases	DEPTH	LITHOLOGY	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
	Inhydr 28	ile 750 23 (* 189)	10 20	777			DV Survee @ 325', @ 2498',
	Ashval	hik Bace	30 Va 2850	777 777 777 777 777 777 777			@ 2498°,
		2844 (+ 145)	<i>>></i>				e
>			3200 10 20		SH: red-gry, med		Displace N System@3
\$			50 50		LS: wht, F-med xIn		Pipe Stra @Total Dep 0.39 sho To board
3			70 80		SH: gry-reddish, plty DIXy, Mushy 65: Wht-ony fored xlo		
\(\)			70 73300 10 c 20		65: wht-gry, f-med xlo		VI5 63 WT 8.6 LCM 6
			30 40 50		SH: red-gry, med		
			40 70 80		Ls: wht, f-med x/n No NS		
2	NÆ V	4 (+389)	90 3400 10		SH: rad-gry, slty LS: Wht, f-med x/n int x/n Ø, fen palla bids NONS		
			30 40		LS: 5 ala SH: red, rust fengry Si'lty		VIS 59 WT 8.7 LCM 6
>	Red E	agle (-467)	50 60 70		LS: WH- 9ry, fxIn. barren SH: red - gny, gnithy, music LS: WLT- It gry, f-med xI pelletoid, No NS	-	
			. 90 3500		LS: wht Hann F-med xl, intxind stop stop solor		
* * * * * * * * * *	Fora	ker (+ 519)	20 30		SH: red, rusty - med, pity LS: wht - offwhitewany F-med xin, Sliedon		VIS 56 WT 9.0 1cm 7
			50 60 70	4	5H: red-brn, med Mushy LS: www-gry, F-med xin SH: red, mushy LS: gry-wh, mush, dos whth		
	Zack.	o (+602)	80 90 3600		SH: brn-red 15: Lt - dk gry, m Hid priletoid, d ns, fmed xin No Ns SH: red - brn, gnHy, med	4	VITTE KK
X		5 (6 94)	20 30		LS: gny-1+ yellow, F-me. Few ool, sl. sndr, wht chi	+	VIS 55 WT 9.0 LCM 6
			40 50 60 c 70		SH: red, sity, med, mushy LS: wht-I+pak, f-med xin int xin ø, brittle, sli sne	4	
			8 0 90 3700		SHI red blky LS: Wht-gry, dirty, f-ma		VIS 56 WT 9.1 LCM 6
			10 20 30		LS: 5 a/a NO WS		
			40 50 60		15: wht-gry SH: red-brn, mcd		
			70 80 90		LS: wht, you ow, F. med xin intain & No NS SH: red-bon-towary, F.m. Xin, LS: tan-Itbrn, F. med barren		VIS 56 WT 9.1 LCM 6
	7ope	Ka (-805)	3800 10 20		SHivaricity LS' WH-It tan, f-medy, intxin & few oolitic, NO NS few fool		
			30 40 50 C 60		sH:5/st: red-brn, silty Mushy L5: wht-crm, foxla intx/od, NONS		
			70 80 c 90				VIS 52 WT 9.1 LCM 4
	Огеал	(-903)	3900 10 20		SH: gry-dk gry med LS: WH-ton, In XIN SH: dkgny med LS: Wht, soft, InXIN int/v vg g NO NS		
			30 40 50		SH: blk, Carb, greasy Sh: red, brn 15: wht- I + tan		
\$	Lans	ng (+961)	70 80 90		barren L5: wht, f-med, interxing fand few foss SH: red, rust, Plts	0	VIS 57 WT 9.5 LCM 4
			400 <i>0</i> 10 C 20		15/5H: WHT, F-med xin, Friel PPB, Faw YUS YGSFO Stra Pobr Abund red Sh	•	
			30 40 c. 50		LS: WH - Itany, F-medx/s friable, PPB-Vegs 5tra odor VCSFO LS: Sala LS: wht, f-med xln, ppa intxln of adodor VCSFA	•	27 27 27
			70 80		LS: & a/4 stodor ESFO LS: wht-It any f-medyln intxin p, f-C odor. vs	0	VIS 51 WT 9.4 LM 6
			90 4100 10		5H: red-Maroon, plty L5: wht, f-med xin intxin b. PPB	•	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			30 40 50		L5: Wht-Ittan, f-med, intxle 8, few vegs vso. Gso SH: med-bon Seft L5: Wht-Ittan, f-med intxle@, ppes No Ns	•	
2			50 60 70 80	一口	15: wht-1+ tan F-med XIn PPB, VUSB vso GSFO SH: red-brn med	• •	
			90 4200		LS: Wht It tan, for In Vung ppg, visit oder Visit so LS: S ala LS: Lt tan - bro, for No. PPg, wo sho on book	0 0	VIS 53 WT 9.4 LCM 6
	Base	/Kansas() ty (-1225)	20 30 c 40	立当是	SH: red, bry med SH: vari clod, blky.	0	
			50 60 70		LS: off wht, f-med brills, slickly No. NS SH: red-brn-ory, med, plty. SH: vari clrd.		
	Pawn	ee(4286)	80 90 43 <i>0</i> 0		LS: off-wht-fx/n LS: off-wht-gry Fixin, dnse No NS LS: off-wht-gry, dnse fixin, No NS		VIS 53 NT 94 LCM 5
	Fort S	cott (-/324)	10 20 30		LS: Wht-It-blue, Fred yln, vuggy of weak odor, Sho free oil	0	
			50 60		SH: red-brn, plty LS: wht-lt blue	0	Vre Tr
5	772 4	384	80	臣	LS: wht- It blue F-med XIn very wkodor 51, 5ho oil book		VIS 71 WT 9.5 LCM 6

LOCATION 376 F5L & 3915 FEL

SEC / B TWP / S RNG 32W

COUNTY ROW INS STATE KONSAS

CONTRACTOR White Knight Drilling
LEASE Simminger SW IP 011
ELEVATION 3007 KB RTD 4384