

Confidentiality Requested:

Yes No

### Kansas Corporation Commission Oil & Gas Conservation Division

1239392

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.	Twp S. R	East West		
Address 2:			F6	eet from North / Se	outh Line of Section		
City: S	tate: Z	ip:+	Feet from East / West Line of Sectio				
Contact Person:			Footages Calculated from Nearest Outside Section Corner:				
Phone: ()			□ NE □ NW	V □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	l #:		
	e-Entry	Workover	Field Name:				
	_	_	Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing: _			
OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:		
CM (Coal Bed Methane)	_ dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet		
Cathodic Other (Con	re, Expl., etc.):		Multiple Stage Cementing Collar Used? Yes No				
If Workover/Re-entry: Old Well In			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, of	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:	Original T	otal Depth:					
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan			
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t				
Commingled	Dormit #		Chloride content:	ppm Fluid volume: _	bbls		
Dual Completion			Dewatering method used:				
SWD			Location of fluid disposal if	i hauled offsite:			
☐ ENHR			Loodiion of haid diopodal in	nation office.			
GSW	Permit #:		Operator Name:				
_ <del>_</del>				License #:			
Spud Date or Date Re	ached TD	Completion Date or	Quarter Sec	TwpS. R	East _ West		
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 Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	n. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, 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 P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons			p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvar i or	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN				21			
Fotimeted Day 1 2	0" -	Flowing			Other (Explain)	) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit )	ACO-5) (Sub	omit ACO-4)			

### 1410

# GLOBAL CEMENTING, L.L.C.

REMIT TO

18048 170RD

RUSSELL, KS 67665

SERVICE POINT:

DRILL PIPE   DEPTH     TOOL   DEPTH     PRES. MAX   MINIMUM   COMMON   @     MEAS. LINE   SHOE JOINT   POZMIX   @     CEMENT LEFT IN CSG.   GEL   @     PERFS   CHLORIDE   @     DISPLACEMENT   ASC   @     EQUIPMENT   @     PUMP TRUCK   CEMENTER   @     # HELPER   @     BULK TRUCK   # DRIVER   @	DATE 6	14	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
CONTRACTOR WW POWER TYPE OF JOB  CONTRACTOR WW POWER  TYPE OF JOB  CONTRACTOR WW POWER  TYPE OF JOB  CONTRACTOR WW POWER  TYPE OF JOB  CONTRACTOR WW POWER  TYPE OF JOB  CASING SIZE DEPTH  CASING SIZE DEPTH  DRILL JPPE DEPTH  TOOL DEPTH  PRES. MAX MINIMUM  MRASA LINE SHOE JOINT  CEMENT LEFT IN CSG  GEL @ G	LEASE M. 14	Parl	WELL#.	The state of the s	LOCATION			and the same of the same of	STATE
TYPE OF JOB HOLE SIZE  CASING SIZE  DEPTH TUBING SIZE  DEPTH DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL	OLD OR NEW	(CIR	CLE ONE)						
TYPE OF JOB HOLE SIZE  CASING SIZE  DEPTH TUBING SIZE  DEPTH DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL  DELL PIPE  DELL PIPE  PLUG & FLOAT EQUIPMENT  DITAL	CONTRACTOR	SAZ E	N. Desti	. 0	*17	OWNER			
HOLE SIZE T.D.  CASNOS SIZE DEFTH TURNOS SIZE DEFTH TURNOS SIZE DEFTH TOOL DEFTH TOOLORDE GOOD TOO				7 7 7 7	7 / ~	OWNER			
CASING SIZE DEPTH TUBING SIZE DEPTH DRILL IPPE DRILL IP		723		Т	D 7637	OF A SENSE			
TUBING SIZE DEPTH  TOOL DEPTH  TOOL DEPTH  TOOL DEPTH  PRES. MAX MINIMUM  MEAS LINE SHOE JOINT  FOZMIX @ COMMON @ PERS. MAX MINIMUM  MEAS LINE SHOE JOINT  FOZMIX @ COMMON @ C		30-				_ CEMENI	DEPEN 200	Can 7300	
DRILL PIPE TOOL DEPTH PRES MAX MINIMUM MEAS LINE SHOE JOINT PRES MAX MINIMUM POZMIX @ GEL @ GEL @ GEL @ GEL	TUBING SIZE					_ AMOUNT OF	RDERED	7 5	
TOOL DEPTH PRES MAX MINMUM MEAS LINE SHOE JOINT POZMIX @ CEMENT LEFT IN CSG.  GEL @ CEMENT LEFT LEFT LEFT LEFT LEFT LEFT LEFT LEF	DRILL PIPE								
PRES. MAX MINIMUM MIRAS. LINF SHOE JOINT CEMENT LEFT IN CSG. PERTS  CEMENT LEFT IN CSG.  GEL	TOOL								
MEAS_INE SHOE JOINT POZMIX  GEMENT LETTINGS  BERPS  CHLORIDE  EQUIPMENT  EQUIPMENT  EQUIPMENT  EQUIPMENT  EQUIPMENT  BULK TRUCK  B DRIVER  BULK TRUCK  B DRIVER  BULK TRUCK  B DRIVER  BULK TRUCK  B MANDLING  MILEAGE  TOTAL  SERVICE  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  CHARGE TO  STREET  CITY  STATE  ZIP  PLUG & FLOAT EQUIPMENT  GOBAL Cementing, L.L.C.,  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 TERMS AND CONDITIONS" listed on the reverse side.  TOTAL  SALES TAX (If Any)  TOTAL CHARGES	PRES. MAX					COMMON		@	
CEMENT LEFT IN CSG.  EQUIPMENT  E	MEAS. LINE								
DESPLACEMENT  FQUIPMENT  FUNTED NAME  FUND TRUCK  F	CEMENT LEFT	IN CSG			*			_	
DESPLACEMENT  EQUIPMENT  EQUIPMENT  EQUIPMENT  # HELPER  # DRIVER  # DRIVER  # DRIVER  # DRIVER  # DRIVER  # HANDLING  # MILEAGE  TOTAL  SERVICE  DEPTH OF JOB  PUMP TRUCK CHARGE  EXTRA FOOTAGE  MILEAGE  MANIFOLD  # TOTAL  CHARGE TO:  STREET  CITY  STATE  ZIP  PLUG & FLOAT EQUIPMENT  G and supervision of owner agent 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 TERMS AND CONDITIONS" listed on the reverse side.  TOTAL  SALES TAX (If Any)  TOTAL CHARGES  SIGNATURE  TOTAL CHARGES	PERFS							0	
EQUIPMENT  PUMP TRUCK CEMENTER # HELPER  BULK TRUCK # DRIVER BULK TRUCK # DRIVER  BULK TRUCK # DRIVER  BULK TRUCK # DRIVER  BULK TRUCK # DRIVER  BULK TRUCK # DRIVER  BULK TRUCK # DRIVER  BULK TRUCK # DRIVER  BULK TRUCK  BEPTH OF JOB	DISPLACEMEN	Т						0	
PUMP TRUCK CEMENTER # HELPER # DRIVER # DRIVER # DRIVER # DRIVER # DRIVER # HANDLING @ # HANDLING # HA			EQUIPM:	ENT		1100		· ·	Marie
PUMP TRUCK HELPER BULK TRUCK BULK TRUCK BULK TRUCK HANDLING HANDLI									
# HELPER BULK TRUCK # DRIVER  BULK TRUCK # DRIVER  # DRIVER  # REMARKS:  REMARKS:  REMARKS:  TOTAL  SERVICE  DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE  MANIFOLD  @  CHARGE TO: STREET  CITY  STATE  ZIP  PLUG & FLOAT EQUIPMENT  Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  FRINTED NAME  SALES TAX (If Any)  TOTAL CHARGES  TOTAL CHARGES  SERVICE  DEPTH OF JOB PUMP TRUCK CHARGE  EXTRA FOOTAGE @  MANIFOLD @  TOTAL  G  G  G  G  TOTAL  SALES TAX (If Any)  TOTAL CHARGES	PUMP TRUCK	CE	MENTER	5 L L 1/4				_	
BULK TRUCK  BULK T	# /	HE	ELPER	Bud				_	
# DRIVER # DRIVER # DRIVER # DRIVER # DRIVER # HANDLING @	BULK TRUCK							_	
BULK TRUCK  # DRIVER    HANDLING   @	#	DR	UVER	1		_		0	
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REMARKS:  SERVICE  DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE  MANIFOLD  @  CHARGE TO: STREET  CITY  STATE  ZIP  PLUG & FLOAT EQUIPMENT  Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  TOTAL  SALES TAX (If Any)  TOTAL  SALES TAX (If Any)  TOTAL CHARGES	#	DR	UVER					_	
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SERVICE  DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD @  CHARGE TO:  STREET  CITY  STATE  ZIP  PLUG & FLOAT EQUIPMENT  PLUG & FLOAT EQUIPMENT  TOTAL  Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  TOTAL  SALES TAX (If Any) TOTAL CHARGES			REM	ARKC.				TOTA	L
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PUMP TRUCK CHARGE EXTRA FOOTAGE MILEAGE MANIFOLD @  CHARGE TO:  STREET CITY STATE ZIP PLUG & FLOAT EQUIPMENT  Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME SALES TAX (If Any) TOTAL CHARGES	1.20						25		
CHARGE TO:				3000					
MILEAGE @ MANIFOLD @ @   CHARGE TO:			,						
CHARGE TO:  STREET  CITY STATE ZIP  PLUG & FLOAT EQUIPMENT  Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  TOTAL  SALES TAX (If Any)  TOTAL CHARGES									
CHARGE TO:  STREET  CITY STATE ZIP  PLUG & FLOAT EQUIPMENT  Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME  SALES TAX (If Any)  TOTAL TOTAL CHARGES									
CHARGE TO:  STREET  CITY —— STATE —— ZIP  PLUG & FLOAT EQUIPMENT  Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  TOTAL  SALES TAX (If Any)  TOTAL CHARGES						- MANIFOLD -			
CHARGE TO:								0	
STREET	CHARGE TO:				LY	1		<u> </u>	
Global Cementing, L.L.C., 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 TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME  SALES TAX (If Any)  TOTAL CHARGES						_		TOTA	ſ
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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 TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME							I LOG & I LO	AI LQUII ML	INI
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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 TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME	Van and hand	lung, I	L.L.U.,			1		@	
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and supervision of owner agent or contractor. I have read and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME	de morte es is	iter an	u neiper(s	) to assist (	owner or contractor t	0		@	
understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.  PRINTED NAME						n		@	
Iisted on the reverse side.  PRINTED NAME	understand th	on or o	DWHEL Age	TEDMS A	ACTOR I HAVE FEAU AN	Q ,,		@	
PRINTED NAME SALES TAX (If Any)  SIGNATURE TOTAL CHARGES				IEMNIS P	TIAL CONDITIONS				
SIGNATURE TOTAL CHARGES	listed on the r	CVCISC	side.					TOTA	L
SIGNATURE TOTAL CHARGES	PRINTED NAMI	E	1 0. 1	12/8/11/	- / Caracon	- SALES TAX	(If Any)		
	SIGNATURE			de la		_			

## GLOBAL CEMENTING, L.L.C.

1416

REMIT TO

18048 170RD

RUSSELL, KS 67665

SERVICE POINT:

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
LEASE	WELL#.		LOCATION			COUNTY	STATE
			200.111011				
OLD OR NEW (CIRC	CLE ONE)						
CONTRACTOR		0		OWNER			
TYPE OF JOB		3		OWNER			
HOLE SIZE		T.1	n v / / -				
CASING SIZE			EPTH	CEMENT			
TUBING SIZE			EPTH	AMOUNT O	RDERED		
ORILL PIPE			EPTH	%	2		
OOL			EPTH				
PRES. MAX			INIMUM				
MEAS. LINE			HOE JOINT				
CEMENT LEFT IN CSG.		31	IOE JOIN I				
PERFS							
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DISPLACEMENT	EOLIDAG	ENIT		ASC	~	. @	
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BULK TRUCK	HIED					@	
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ULK TRUCK						@	
DR	IVER					@	
				HANDLING.		@	
				MILEAGE			
	REM.	ARKS:				TOTA	AL
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IREET					8	1017	.L
ITY	_ STATE	ZI	P		DIVIG A TI O		
					PLUG & FLO	AT EQUIPME	ENT
Global Cementing, I	L.C.						
		rent cemer	nting equipment and				
urnish cementer and	d helper(s)	) to assist or	wner or contractor to	-		-	
			s done to satisfaction				
			ctor. I have read and			_	
inderstand the "CI	ENERAL	TERMS A	ND CONDITIONS"			@	
isted on the reverse		ILIUNS A	ND CONDITIONS				
isted on the reverse	SIUC.					TOTA	L
	0/	196	201-11				
RINTED NAME	HEYN /	HAMI	ON SHALL	SALES TAX	(If Any)		
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IGNATURE		To Thing to second	Secret Since the second of				
				DISCOUNT_			IF PAID IN 30 D

1PT#15-179-2.	0100	ICAL	REP	ORT			
	-	TIME AND	SAMPLE		-I FV/AT	ION	
CAN TAIL	estment				ELEVAT	,	
EASE Mike Pro	KB	786	,				
TELD Wildcat				DF	784	*	
OCATION 339'F.	54 + 141	E'FUIL		GL 2	778	•	
SECTWS	p 95	RGE 29	W.	Depths	Meas	ured	Fro
SEC	CTAT	E Kansas	5	Log K	2 Dri	lling	KB
COUNTY Sherida				Surface	CASI	ŊG	10
CONTRACTOR WW	Drilling	Rig # 1	3	Surface	8 3/8 ion_n	(0) 2	61
VUITITIO	The second secon			1 D-aduct	IOD IL		OF REAL PROPERTY.
- 0 - 11	COMP	7-16-14	/				
SPUD 8-7-14	COMP	7-16-14		El	ECTRI		GS
SPUD 8-7-14	COMP	7-16-14		El			GS
SPUD 8-7-14 SAMPLES SAVED FF	COMP	70 <u>B</u>	T. D.	Nak	ECTRI		GS
SPUD 8-7-14 SAMPLES SAVED FF	COMP	TO B	T.D. RUCTURA	Nak	ECTRI		GS
SPUD 8-7-14 SAMPLES SAVED FF	COMP	70 <u>B</u>	T. D.	EI Nak	ECTRI	C LO	
SPUD 8-7-14 SAMPLES SAVED FF	COMP	TO B	T.D. RUCTURA	POSIT  A	ECTRI DOCS ION B	C LO	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORMATION  Anhydrite	COMP	TO B	RUCTURAL DATON 149	POSIT	ECTRI	C LO	
SPUD 8-7-14 SAMPLES SAVED FF	COMP	PS AND STE E. LOG 2393 + 2428 +	RUCTURAL DATON 1-9 393 358	POSIT  A	ECTRI	C LO	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORMATION  Anhydrite	COMP	TO B:  TO	T.D.  RUCTURA  DATÓ 149  39.3  358  782	POSIT  A -0- + 39! + 358 - 779 - 867	ECTRI 10N B - 0- + 380 + 343	C LOC	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORM	COMP	PS AND STF E. LOG  2393 + 2428 + 3568 - 3654 - 3870 -	T.D.  RUCTURA  DATON 1-9  39.3  358  782  868  1084	POSIT  A  -0- + 391 + 358 - 779 - 867 - 1079	ECTRI 10N B -0- + 380 + 343 -874 -1090	C LOC	
SPUD 8-7-14  SAMPLES SAVED FR  FORM  FORM	COMP	PS AND STE E. LOG 2393 + 2428 + 3568 - 3654 - 3870 - 3890 -	T.D.  RUCTURA  DATÓ 149  39.3  358  782  868  1084	POSIT  A -0- + 39/ + 358 - 779 - 867 - 1079	ECTRI 10N B - 6- + 380 + 343 - 874 - 1090 - 1112	C LOC	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORMATION  Anhydrite Base Anhydrite Howard Topeka Heebner Toronta	COMP	TO B TO B	7. D.  RUCTURA  DATUM 149  393 358  782 868 1084 1104 1118	POSIT  A  -0- + 39.1 + 358 - 779 - 867 - 1095 - 1114	ECTRI 10N B - 0- + 380 + 343 - 874 -1090 - 1112	C LOC	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORMATION  Anhydrite Base Anhydrite Howard Topeka Heebner Toronta	COMP	PS AND STE E. LOG  2393 + 2428 + 3568 - 3654 - 3870 - 3890 - 3904 - 4145 -	T.D.  RUCTURA  DATON 1-9  39.3  358  782  868  1084  1104  1118  1359	POSIT  A -0- + 39.1 + 358 - 779 - 867 - 1079 - 1095 - 1114 - 1354	ECTRI 10N B - 0- + 380 + 343 - 874 -1090 -1112 -1128 -1367	C LOC	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORMATION  Anhydrite Base Anhydrite Howard Topeka Heebner Toronta	COMP	PS AND STE E. LOG 2393 + 2428 + 3568 - 3654 - 3870 - 3890 - 3904 - 4145 - 4263 -	T.D.  RUCTURA  DATÓN-1-9  39.3  35.8  78.2  86.8  108.4  110.4  1118  135.9  147.7	POSIT  A  - 0-  + 39.1  + 358  - 779  - 867  - 1079  - 1095  - 1114  - 1354  - 1479	ECTRI 10N B - 0- + 380 + 343 - 874 - 1090 - 1112 - 1128 - 1367 0-1482	c LOC	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORMATION  Anhydrite Base Anhydrite Howard Topeka Heebner Toronta Lansing Base Kansas Cit, Pawnee	COMP	TO B TO B	7. D.  RUCTURA  DATON 1-9  393 358  782 868 1084 1104 1118 1359 1477 1566	POSIT  A  - 0-  + 39.1  + 358  - 779  - 867  - 1079  - 1095  - 1114  - 1354  - 1476  - 1558	ECTRI 10N B - 0- + 380 + 343 - 874 -1090 - 1112 - 1128 - 1367 0 - 1482 2 - 1570	C LOC	
SPUD 8-7-14  SAMPLES SAVED FF  FORM  FORMATION  Anhydrite Base Anhydrite Howard Topeka Heebner Toronta Lansing Base Kansas Cit,	COMP	PS AND STE E. LOG 2393 + 2428 + 3568 - 3654 - 3870 - 3890 - 3904 - 4145 - 4263 - 4456 -	7. D.  RUCTURA  DATON 1-9  39.3  358  782  868  1084  1104  1118  1359  1477  1566  1670	POSIT  A - 0-  + 39.1  + 358  - 779 - 867 - 1079 - 1095 - 1114 - 1354 - 1478 - 1558  N.R.	ECTRI 10N B - 0- + 380 + 343 - 874 - 1090 - 1112 - 1128 - 1367 0-1482	C LOC	

D

	This well ran 4 feet lo Wells. After reviewing testing was warranted	wer to 10 the Suite and the a	feet h of op, vell wa	higher on the Lansing to en hole lags it was de splugged and abandon	ep that cided	n the referen
7502				H	chard 8-16	B. B.M.
	Anhydrite Salt	Sandstone	Shale	0 0 0	Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Chert	Dolomite
LOG 7710	DRILLING TIME IN MINUTES PER FOOT Rate of Penetration Decreases  5" 10" 15" 20" 25"	DEPTH 2290	ПТНОГОСА	SAMPLE DESCRIPTIONS	OIL SHOWS	REMARKS
7	Anhydrite	2400	7/			j.
	Base Anhydrata	20	66615			
		40				
	- can	3400				
		20				

		<del></del>		
	60			1 1
				Samples are las
		Is: wh-tn-yel-gry Tr fx/n mostly fs/f pr. pp & NSO Tr a gry sh: brn +gry		9000 0000
- COMM	80	THA gry Shi brn +gry		
				-
		LS: who to cky -folf pp q-		Diamond Tes
		pr. inpart o 103.0.		DST#/3493
	3500			30-45-30-4 IF: 1/4" blowder.
		Sh: rd, brr, gry		FF: 30 min Surta
- dann		ShigrysHy		Recovery. 180
		LS: gry fs If das		HYd: 1655-16
	20	sh: grysHy		FP: 10-72/77 BHP: 1096-10
		Is to a Ciff to the	,	BHTemp: 1120
		LS:tn-gryfslfdas NSa N Shidrkgry	10 U+	
		Shraingry		
- denn	(1) 40	LS: + 2 - gry fs If dns N-5.0	•	
		I LS: tn-gry felf isal. Vgy	0	
		thick byn F.a. Tr. asph st		
		No ador		
	60	dns N.S.O.		//
Havard				
- cenn		Listak-to Cky-folf pp	P	Incline @ 3584
	1 80	N.S.O. No cut, Na odov		
Short THE CHE TO	Y			Strap 360:
		1 15: tn-gryfxln-fs/fd	15	Board 3605 Diff.
		NS.0-		Ditt.
	3600	Shibrn tgry		
-cann		1 1 LS: wh-tn eky-fs If inpart	p.	
		1		
		Ls. wheth falm-falf das		
	20	1 Stubte aciel Sile A	4	
		LS: Wh-tn-gryfxln-fish dx		
e -cann	10	R.T. Dol: to fiel dos N.S. Q		
	40	15: tm gry fs H das		
Tapeka		shird, brn, gry		
	60	1 LS: whoto Sli. Cky-fx/nshi	34	
		No Vis Ø NS.O.		
- conn				
		Interest to the total		

		Dh. gry worn
		1 Listh-gry mtlafslif das
		15: whith film -Tr Sticol
		and Cible NSO.
	20	PPP friable NS.O.
- gann		1 LS: Wh-to incr. Ckg. fx/n
		100 pp 0 - inpart 01 N.S. Q.
		Shigry+brn
	40	54.314 FOLK
		1 del Clistad
		1 LS: who to cky - fish ool pp \$
		N.S.O.
		Trace blk Carb. sh.
		THE OIR CAID. ON
-can	60	Alatan de add
		shibrn + gry
		s.s.: v. fn. gn. Consol.
		ingrand NS.O.
		- 1 2
		17 x 1 x 1
	80	A V V V
		v.i.
		11 11 -11 -11 -11
		shibra Sty, shly sol ben
- 4ana		THE RESERVE OF THE PERSON OF T
		15: whofn cky-fslf pp PNSQ
		1
	3800	
		1 15: What sl: Ckx - Ext To
		15: Wh-h Sli. Cky - fxln Tr Sli. ool Trpp N.S.O.
		1 ppg N.S.U.
	20	
-GRAA		
		Trace blk Carb Sh.
		1 /s: brafs/fdns
		15:wh-th sli. abl pp to fain
		12.00-14 31.001 pg 9 72/n
	40	Note
		Shiben agry
		11
- Cont		15: who cky - fall ppd
		The world only their pp of
	60	friable N.S.g.
		1-1
Heephar		
		Sh: Blk Carb.
		LI LS: tn fslf dns
	80	
		shigryslty + brn
-cenn		
		15: In - Lt. gry fxln dns N.S. O.
C FT L		1
	3900	
	2100	Shibrn, gry & grn.
44131113		
		1 15-whole dick 1 Pul -11 w/c
	'^'	1 - White Sir. CN - + Kin agi / tass
	A	LS: wh-fn slicky-fx/n ool "fass inclus. ppp-inpert p N.S.Q. No cut
- Cons		NOCAT
	20	1 1 11 1 1 1 1 1
	1	1-12/04/2004
		Ls: whith sticky fulndas.

DST#2 3922-45-45-45-45 IF: wkblow incr. to EF: Surface blow

	Y 20	1	crushing fr. odor		
	20	11			DETH
					D57#
	E,	11	LS: whom Slicky-fxlnppp Tr. pr. vgyp Tr. ht. Osat	1	IF: 1/2" E FF: No b
- Coph	380 F	1 1	Atfr. Sptd @ Stn TrppFa fr Strong odor		Recover
			Tr. Tary-asph Str decr. ador		Trace of a
					FP: 12-2
455	<b>Y</b>	11	isiwhat incr. cky-fx/n sub-		BHP: 107 BHTemp
	4000 G				Dayong
	4		Lowh to slicky fxln das		
- denn			1 1111 3113		
		141	15:01 + -14 000 folad		
	20		15: whith-Lt. gry fxlndns.		
Muncie Greek Sh					
			Shiblk Carb 15:tn-brnfslfdns		
Sonn.	40		shigry + grn		
			15: who to fxln 5/i. pyritic		
	H		Al De Co		
	60				
			Shigry+brn		
-con		1,1	15:wh to-Lt.gry Slicky		
	80 I		fundas N.S.O.		
			Shiben + gry		
		TIT	Sti. a of "/ foss. inclus pyritic		
	J.	7 7	Slical of foss. inclus pyritic	V	
P Dragk Sh	4100		Propod asph spks N.F.O.		
2 - 4 а и и			Shigry, brn, grn Tr. blk Carb		
	1.71		LS: Wh-h-ht. gry sticky-falm		
	20 K	LA	LS: wh-h-ld. gry slicky-fxln No Vis P Tr asplishen edges Tr D gry fslf	V	
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			COSES 77 D Gry 7314		
			Shigry, brn +grn		
SONN			2,7,101.1.131.1.		
	40		LS:tn-gryfxlndns		
Pase Aransas Alfy	7	1,1	ביי אואו ליך		
			shigry, brn +grn		
			5.770 5		
	60	3.11	55: 00/110		
7444		19.70	ingran & N.S.O. No Cut		
		1000			
		2 1		HEAVITE STATE	

DST#3 3967.
30-30-30-3
IF: 1/2" blow died;
FF: No blow
Recovery: 10 m.
Trace of oil in too
Hyd: 1950-1941:
FP: 12-24/25-3
BHP: 1070-1006:
BHTemp: 116°F.

			drs N.S. D.		
			shi brn sl-bx + gry		
	20		LS:tn-Lt. gry fxln. Slifslf		
* tdanh			15:tn-gry fxln dns N.SB		
	40	-	15:aa. Tr D Gr		
			Shigrythen		
Cany	60		shibrn, grytgen		
Aawnee			LS: wh-tn-/+.gry slicky-folm	V	
			/pc.fr.ail Sat W/pp F.O.		
	80		LS:th-gry +brn fx/n dns R.T. Stn from above		
- Cann			R.T. Str from above		
	4300		Trable Carb Sh. LSigry mtld fiff das		
			shibrn tory		
	A 20	1	Ls: whith slicky-fxln sub dal das NSQ		D5
- cann			Shigry + ben		IF: Su FF: N
			25. gryfelndns		fool So
	40		Shidrkgay		HYd: ; FP: 8 BHP:
FA GOAHA	3		Shible Carb		BHTC
	60		LS: tn-kt.gry fxln-slifs If pritic Tr pp & Tr Vgy p Lt. Sptd O Stn. Tr kt. ben	0	
			floating F.O. ft. adar cut an crushing		
A Cherokee Sh	¥ 80		15: whom fixle des Tr Abre 5h: 61 k Carb		
-donn			shibin, gry+grn		
			15: Wh to - Lt. gry cky -fuln dos N.S.a.		
	4400		LS: a.R. sh: grydgrn		
			LS:white-Higry Cky-fx/n-s/s fsif dns Ns.o.		
- CQNN	20		56: gry, ben, gen Tr. blk Carb		

DST#4 4317-30-30-30-30 IF: Surface blowdies FF: No blow Recovery: 5' Must toal Sample: trace of in mud Hyd: 2160-2147# FP: 8-11/12-12= BHP: 21-16# BHTcmp: 124° F.

CONTRACTOR	DRILLING TIME Minutes/Foot  Rate of Penetration Decreases		
RTD_ IP_	DEPTH	08	6
	ГІТНОГОСУ		
LOCATIONTWPCOUNTY	SAMPLE DESCRIPTIONS	Land- Lt. gry  Ls. wh-tr txh sub ool das  Ls. wh-tr txh sub ool das  Ls. w. s. still a lot of saa.	Tr. wea. D w/pr. ht. O. Sh. N. F. O. No odor
. STATE	SMOHS 710	1	, 5
RNG	REMARKS	Incline @ 4500' 130	

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



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

Sam Brownback, Governor

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

January 16, 2015

Randall Pfeifer RL Investment, LLC 217 SAINT PETER ST MORLAND, KS 67650-5101

Re: ACO-1 API 15-179-21369-00-00 Mike Pratt 1 SW/4 Sec.13-09S-29W Sheridan County, Kansas

Dear Randall Pfeifer:

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 08/07/2014 and the ACO-1 was received on January 16, 2015 (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**