Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

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:	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.xxxxx)
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:
OG 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?
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)
Demot #	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Location of fluid disposal if fladied offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec 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

Confidentiality Requested:

Yes No

KCC Office Use ONLY					
Confidentiality Requested					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II Approved by: Date:					

Operator Name:				_ Lease I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No			J	on (Top), Depth		Sample
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run			es No						
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used		Type and	Percent Additives	
Perforate Protect Casing	Top Dottom								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-			skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION:		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF Perf.	_		mmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Schupbach 3510 16-1
Doc ID	1106821

Tops

Name	Тор	Datum
Cherokee Group	4757	
Mississippi	4871	
Compton	5155	
Kinderhook	5163	
Woodford	5248	
Viola	5314	
Simpson Group	5401	
Arbuckle	5609	

SHELL GULF OF MEXICO, INC. (34574)	Schupbac	ch 3510 16
PETE MARTIN DRILLING (34645) (SET THE CONDUCTOR)	SWD conductor	SWD Mouse Hole
Call in DATE OF SPUD		
spud in date	10/12/12	10/13/2012
T.D date	10/12/2012	10/14/2012
Size Hole Drilled	26"	20"
Size Casing Set (in O.D)	18"	14"
conductor wall thickness	250	188
Weight Lbs./Ft.	47.76	27.76
Setting Depth	60'	77"
	type1/2 portland cement	Type 1/2 portland cement
Type of Cement		
Cubic yards of cement	5cy	5су
2500 PSI Grout Mix	yes	yes
Type and Percent of Additives	15% fly ash	15% fly ash
Comments	0-14' Red Dirt, 14-60' Clay, Water 34'	0-14' Red Dirt, 14-77' Clay, Water 34'

CEMENT JOB REPORT



	SHELL W	/EST	ERN E & P INC	;	D	ATE 21-	OCT-1	12 F. F	.# 10019	942481	81 SE			SERV. SUPV. JONATHAN M SCHULZ III				
LEASE & WELL NAME SCHUPBACH 3510 #16-1 - API 15007239260000			L	LOCATION COUNTY-PARISH-BLOCK 16-35S-10W Barber Kansas														
DISTRICT McAlester	D.C.E.I.				RILLING (Nabors 1		RACTOR	RIG#					PE OF JOE Surface	3				
SIZE	& TYPE OI	F PL	UGS	LI	ST-CS	G-HARDW	/ARE		MECHAN	ICAL E	BARRIE	RS	MD	TVD	HANGER	TYPES	M	D TVD
9-5/8" Top Ce	em Plug, N	Vitrile	ecvr, Phe	Provided	by Cu	stomer												
											PI	HYSIC	AL SL	URRY PRO	PERTIES	1		
MATERIAI	_S FURNIS	SHEI	D BY BJ			LAB	REP	ORT NO.	SACKS OF CEMENT	W	URRY GT PG	Υ	JRRY LD T	WATER GPS	PUMP TIME HR:MIN	E	BbI RRY	BbI MIX WATER
WATER SPA	CER										8.34						20	
C +2% CaCl	+.25pps (Cello	flake						305		14.8		1.35	6.3	4 02:45		74	46.4
Water											8.34						36.5	
Available Mi	x Water_		400		Bbl.	Availab	le Dis	pl. Fluid	30	0	Bb	ol.		то	TAL	11	30.5	46.4
	HOLE							BG-CSG-	D.P.						COLLA	R DEPT	HS	
SIZE 12.25	% EXCE	SS	DEPTH 500	8.921	9.6		T. 36 (TYPI		D 192	TVD 492	GRA K-55		SHOE	F	LOAT		STAGE
	ACT CAC	1110	300	0.921			_			_		N-55		CONN		\A/E E	11115	
	LAST CAS NGT □ 1	TYPE	E MD	TVD		KR-CMT R RAND & T			EPTH TO		DEPTH BTM			CONN	TYPE	WELL F	LUID	WGT.
													9.625					
DISPL. VO	LUME		DISF	PL. FLUID		CAL. F	PSI	CAL. MA	K PSI OP. I	XAN	MA	Х ТВ	G PSI	ı	MAX CSG	PSI		MIX WATER
VOLUME 36.5	UOM BBLS	Wat	TYPE ter	'	NGT. 8.34	BUMP F		TO RE	V. SQ.	PSI	RATE	D	Operat	or RA	2800	Operator 1500		nc tank
VOLUME 36.5	BBLS	Wa	ter	OL, RUNN	8.34 ING C	4	250			PSI	RATE	ED			2800	1500		
VOLUME 36.5 EXPLANATIO	BBLS N: TROUE	BLE :	SETTING TOO PRESSURE	OL, RUNN	8.34 ING C	4	250 PRIO	R TO CEN	ENTING:				E	EXPLANAT	2800 TION	•		
VOLUME 36.5	BBLS N: TROUE	BLE :	ter	OL, RUNN	8.34 IING C	4	250 PRIO			ИЕЕТ	NG: B.		E W X		2800 TION	•		
VOLUME 36.5 EXPLANATIO TIME	BBLS N: TROUE	BLE :	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 IING C	SSG, ETC.	250 PRIO	R TO CEN	ENTING:	MEETI	NG: B	J CRE 3269	E W X	EXPLANAT	2800 TION	•		
VOLUME 36.5 EXPLANATIO TIME HR:MIN. 04:53	PRES PIPE	SSUF	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34	SSG, ETC.	PRIO W	R TO CEN	SAFETY I TEST LINI CIRCULA' test pumps	MEETI ES FING V	ING: B.	J CRE 3269 RIG	E W X	EXPLANAT	2800 TION	•		
VOLUME 36.5 EXPLANATIO TIME HR:MIN. 04:53 04:56	PRES PIPE 330	SSUF : 00 66	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 IING C	SG, ETC. Bbl. FLUID PUMPED	PRIO	FLUID TYPE ATER	SAFETY I TEST LINI CIRCULA' test pumps open well/s	MEETI ES FING V & line	NG: B.: WELL - es	J CRE 3269 RIG	W X PSI	CO. REP.	2800 TION	•		
36.5 EXPLANATIO TIME HR:MIN. 04:53 04:56 05:02	PRES PIPE 339	SSUF : 00 66 86	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34	SSG, ETC. Bbi. FLUID PUMPED	PRIO	FLUID TYPE ATER ATER ATER	SAFETY I TEST LIN CIRCULA test pumps open well/s end water	MEETILES FING V S & linestart w	NG: B. WELL - es vater aher	J CRE 3269 RIG	W X PSI	CO. REP.	2800 TION	•		
76.5 EXPLANATIO TIME HR:MIN. 04:53 04:56 05:02 05:24	PRES PIPE 339 11 11 1	SSUI 000 666 11	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 TAIL 3 4 3	SG, ETC. Bbl. FLUID PUMPED	250 PRIO W. W. W. D W. I SL	FLUID TYPE ATER ATER ATER URRY	SAFETY I TEST LIN CIRCULA test pumps open well/s end water end slurry	MEETI ES FING V & & line start w spacer / shuto	WELL - es vater ahe r/ start s down	J CRE 3269 RIG ead	W X PSI	CO. REP.	2800 TION	•		
TIME HR:MIN. 04:53 04:56 05:02 05:24 05:28	PRES PIPE 333 11 11 11	SSUI 000 666 866 11 655	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 3 4 3 3	SSG, ETC. Bbl. FLUID PUMPED 20 74	W. W. W. W. W. W. W. W.	FLUID TYPE ATER ATER ATER LURRY ATER	SAFETY I TEST LIN CIRCULA test pumps open well/s end water s end slurry drop TRP/s	MEETI ES FING V & & line & start w spacer / shutc start di	WELL - es vater ahr r/ start s down lisplacer	J CRE 3269 RIG ead ead	w [X] PSI [X] @14.8p	EXPLANAT CO. REP. BJ	2800 TION	•		
76.5 EXPLANATIO TIME HR:MIN. 04:53 04:56 05:02 05:24	PRES PIPE 333	SSUI 000 666 11	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 TAIL 3 4 3	SSG, ETC. Bbl. FLUID PUMPED 20 74	W. W. W. W. W. W. W. W.	FLUID TYPE ATER ATER ATER URRY	SAFETY I TEST LIN CIRCULA test pumps open well/s end water end slurry	MEETI ES FING V & & line start w spacer / shutco	WELL - es vater ahe r/ start s down lisplacer en good	J CRE 3269 RIG ead slurry	w [X] PSI [X] @14.8p	EXPLANAT CO. REP. BJ	2800 TION	•		
76.5 EXPLANATIO TIME HR:MIN. 04:53 04:56 05:02 05:24 05:28 05:31	PRES PIPE 333	SSUI 000 666 886 11 655 83	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 3 3 3 3 3	SSG, ETC. Bbl. FLUID PUMPED 20 74	W. W. W. W. W. W. W. W.	FLUID TYPE ATER ATER ATER LURRY ATER ATER ATER	SAFETY I TEST LINI CIRCULA' test pumps open well/s end water s end slurry drop TRP/s bbls pump	MEETI ES S & line start w spacer f shutct start died whe	WELL - es vater ahe r/ start s down lisplacer en gooo	J CRE 33269 RIG ead ead ead test	w X PSI X @14.8p	EXPLANAT CO. REP. BJ	2800 TION	•		
76.5 EXPLANATIO TIME HR:MIN. 04:53 04:56 05:02 05:24 05:28 05:31 05:39	PRES PIPE 333	SSUI 00 66 86 11 65 83 34	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 3 3 3 3 3	SSG, ETC. Bbl. FLUID PUMPED 20 74 § 36.5	W. W. W. W. W. W. W. W.	FLUID TYPE ATER ATER ATER LURRY ATER ATER ATER	SAFETY I TEST LINI CIRCULA' test pumps open well/s end water s end slurry, drop TRP/s bbls pump bump plug	WEETI ES FING V & & line start w spacer / shutch ded whee /begin /begin	WELL - es vater ahe r/ start s down isplacer en good casing ding/ bb	J CRE 3269 RIG ead ead slurry ment test	w X PSI X @14.8p	EXPLANAT CO. REP. BJ	2800 TION	•		
76.5 TIME HR:MIN. 04:53 04:56 05:02 05:24 05:28 05:31 05:39	PRES PIPE 333	SSUI 00 66 86 11 65 83 34	SETTING TOO PRESSURE/ RE - PSI	OL, RUNN RATE DE RATE	8.34 3 3 3 3 3	SSG, ETC. Bbl. FLUID PUMPED 20 74 § 36.5	W. W. W. W. W. W. W. W.	FLUID TYPE ATER ATER ATER LURRY ATER ATER ATER	SAFETY ITEST LINICIPATE CONTROLLATION CIRCULATION CIRC	MEETII ES FING V & & line start w / shutch start did ed whe ment r Using	WELL - es vater ahe r/ start s down lisplacer en good a casing ding/ bb return to	J CRE 3269 RIG ead ead test bls rettest o surfacessur	w X PSI X @14.8p ent to s	EXPLANAT CO. REP. BJ Dpg urface	2800 TION	•		
76.5 TIME HR:MIN. 04:53 04:56 05:02 05:24 05:28 05:31 05:39 05:55	PRES PIPE 339 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00 00 66 88 83 34 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PRESSURE/ RE - PSI ANNULUS TEST FLOAT	OL, RUNN RATE DE RATE BPM BBL.CM RETURI	8.34 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	SSG, ETC. Bbl. FLUID PUMPED 20 74 \$ 36.5125	W. W. W.	FLUID TYPE ATER ATER ATER URRY ATER ATER ATER ATER ATER ATER ATER	SAFETY ITEST LINICIPATE CONTROL OF TRANS FOR JOHANN STORY OF TOP OUT TOP OUT TEST LINICIPATE CONTROL OF TOP OUT TOP OUT TEST LINICIPATE CONTROL OF TEST LINI	MEETIING V & & linewistert w spacer / shutcetart did ed whether whethe	WELL - es vater ahe r/ start s down lisplacer en good a casing ding/ bb return to g BHI Pr & & Crew	J CRE 3269 RIG ead ead test bls retr o surfacessuri	@14.8p ent to s urn ace e Pump	EXPLANAT CO. REP. BJ Dpg urface	2800 TION X	•		
VOLUME 36.5 EXPLANATIO TIME HR:MIN. 04:53 04:56 05:02 05:24 05:28 05:31 05:39 05:55	PRES PIPE 333 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00 00 66 88 83 34 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PRESSURE/ RE - PSI ANNULUS	OL, RUNN RATE DE RATE BPM	8.34 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	SSG, ETC. Bbl. FLUID PUMPED 20 74 5 36.5125	W. W. W.	FLUID TYPE ATER ATER ATER URRY ATER ATER ATER ATER	SAFETY ITEST LINICIRCULATES pumps open well/s end slurry, drop TRP/s bbls pump bump plug check float 30 bbls cer Thanks for Jonathan S	MEETII ES FING V & Line start w spacer / shutc start di ed whe Using Gchulz	WELL - es vater ahe r/ start s down lisplacer en good a casing ding/ bb return to g BHI Pr & & Crew	J CRE 3269 RIG ead ead test bls retr o surfacessuri	@14.8p ent to s urn ace e Pump	EXPLANAT CO. REP. BJ Dpg urface	2800 TION X	•		

CEMENT JOB REPORT



SCHUPBA(SE & WELL NAME LOCATION SCHUPBACH 3510 #16-1 - API 15007239260000 16-35S-10W				N					NTY-PARI arber Kansa		K			
ISTRICT McAlester					DRILLI		ONTRACTOR	RIG #				E OF JOB termediate			
SIZE	& TYPE OI	F PLI	UGS	LIST	CSG-HA	ARDWA	RE	MECHANIC	AL BARRI	ERS	MD	TVD I	HANGER	TYPES	MD TVE
" Top Cem I	Plug, Nitrile	e cvr,	, Phen	Shoe PROV	IDED BY	CUST	ΓOMER								
									P	HYSICA	L SLU	RRY PROF	PERTIES		
MATERIA	LS FURNIS	SHED) BY BJ			LAB R	REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLUF YLI FT)	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbi MIX WATER
SEAL BOND)								8.45					4	0
15:85:8(POZ	Z,C,GEL)+	10%	SALT+.5%SN	//S+4PPS KC	DLS			165	12.4	:	2.45	13.52	05:00	71.98	3 53.
50:50:2(POZ	Z,C,GEL)+	4#KC	DLSL+.15%S	MS+.3%FL52	2			85	14.2		1.32	5.66	03:00	2	0 11.
WATER									8.34					21	6
Available Mi	ix Water_		1000	Bb	ol. Ava	ailable	Displ. Fluid	1000	В	bl.	_	тот	AL	347.98	64.
	HOLE						TBG-CSG-							R DEPTHS	
SIZE 8.75	% EXCE	SS	DEPTH	ID 6 366	OD 7	WGT.	TYP 23 CSG	E M E 569		GRAD N. 90	E	SHOE 5695		LOAT 5657	STAGE
	LACTOAC	INIC	5698	6.366						N-80	TOD			5657	D
	LAST CAS WGT ∣ 1	ING TYPE	MD	TVD	BRAND		T-BR PL-LINE	EPTH TOP	RF. DEPTH			CONN	TYPE	WELL FLU	ບ ່ WGT.
8.9 9.625	36		50		BITAITE	, u 1111		46			7 8				WOI
DISPL. VO	LUME			PL. FLUID		AL. PS				AX TBG	PSI		AX CSG I	PSI	MIX WATER
			TYPE	WG	T. BU	MP PL	UG TO RE	EV. SQ. P	SI RAT	ED ∫O	perato	r RATI	ED O	perator	WAILIN
VOLUME	UOM							-v. 5Q.1			polato			-	
VOLUME 222		WA			3.34		00	-V. OQ.1			poruto		072		FRAC FANK
		WA			3.34			- V. Out. 1			poruto				FRAC FANK
222 XPLANATIO	BBLS ON: TROUE	BLE S	TER SETTING TO	OL, RUNNING	G CSG, E	60 ETC. PF	OO RIOR TO CEN	MENTING: AF	RIVE ON L	OCATIO	N, WAI	IT ON CAS	072 ING, RIG	1	
222 XPLANATIO TIME	BBLS ON: TROUE	BLE S	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI	G CSG, E	ETC. PF	RIOR TO CEN	SAFETY M	RIVE ON L	OCATIO J CREW	N, WAI	IT ON CAS	072 ING, RIG	1	
222 EXPLANATIO	BBLS ON: TROUE	BLE S	TER SETTING TO	OL, RUNNING	G CSG, E	ETC. PF	OO RIOR TO CEN	SAFETY M	RIVE ON L	OCATIO J CREW 4200 P	N, WAI	IT ON CAS XPLANATIO CO. REP.	072 ING, RIG	1	
222 XPLANATIO TIME	BBLS ON: TROUE	BLE S	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI	G CSG, E	ETC. PF	RIOR TO CEN	SAFETY M	RIVE ON L EETING: B S NG WELL	OCATIO FJ CREW 4200 P - RIG	N, WAI	IT ON CAS	072 ING, RIG	1	
XPLANATIO TIME HR:MIN.	BBLS ON: TROUE	BLE S	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI	G CSG, E	ETC. PF	RIOR TO CEN	SAFETY M TEST LINE CIRCULAT	RIVE ON L EETING: B S NG WELL LOCATIO	OCATIO FJ CREW 4200 P - RIG	N, WAI	IT ON CAS XPLANATIO CO. REP.	072 ING, RIG	1	
ZYPLANATIC TIME HR:MIN. 16:30	PRES	BLE S	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI	G CSG, E	ETC. PF	FLUID TYPE	SAFETY ME SAFETY ME CIRCULATE ARRIVE ON SAFETY ME	EETING: B S NG WELL LOCATIO	OCATIO J CREW 4200 P - RIG	N, WAI	IT ON CAS XPLANATIO CO. REP.	072 ING, RIG	1	
TIME HR:MIN. 16:30 00:00	PRES	SSUR	SETTING TO PRESSURE RE - PSI	OL, RUNNING /RATE DETAI RATE BPM	G CSG, E	ETC. PF	FLUID TYPE	SAFETY ME SAFETY ME CIRCULATE ARRIVE ON SAFETY ME	RIVE ON L EETING: B S NG WELL LOCATION ETING PUMPED	OCATIO J CREW 4200 P - RIG N	N, WAI	IT ON CAS XPLANATIC CO. REP. BJ	072 ING, RIG	1	
TIME HR:MIN. 16:30 00:00 01:00	PRES PIPE	SSUR	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5	Bbl. FI	ETC. PF	FLUID TYPE SEAL BON WATER LEAD	SAFETY M TEST LINE CIRCULATI ARRIVE ON SAFETY ME SEAL BONI TEST LINES FINISH LEA	RIVE ON L EETING: B S NG WELL LOCATION ETING D PUMPED S, START L D, START	OCATIO J CREW 4200 P - RIG N BY RIG EAD SL TAIL SL	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ	072 ING, RIG	UP	
TIME HR:MIN. 16:30 00:00 01:00 01:38 01:56 02:03	PRES PIPE 44 42 44 44	SSUFF 5000 000 000 000 000 000 000 000 000	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5	Bbl. FI	LUID PED 40 72 20	FLUID TYPE SEAL BON WATER LEAD TAIL	SAFETY M TEST LINE CIRCULATI ARRIVE ON SAFETY ME SEAL BONI TEST LINES FINISH LEA	RIVE ON L EETING: B S NG WELL LOCATIO ETING PUMPED O, START L D, START L J, SHUT DO	OCATIO J CREW 4200 P - RIG N BY RIG EAD SL TAIL SL DWN, DI	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ	072 ING, RIG	UP	
TIME HR:MIN. 16:30 00:00 01:00 01:38 01:56 02:03 02:48	PRES PIPE 44 42 44 49 9	SSSUF (000 000 000 000 000 000 000 000 000 0	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5 4 4 5	Bbl. FPUMF	40 72 20 200	FLUID TYPE SEAL BON WATER LEAD TAIL WATER	SAFETY ME TEST LINE CIRCULATI ARRIVE ON SAFETY ME SEAL BONI TEST LINES FINISH LEAF	RIVE ON L EETING: B S NG WELL LOCATION ETING PUMPED S, START L D, START J, SHUT DO BUMP PLUG	OCATIO J CREW 4200 P - RIG N BY RIG EAD SL TAIL SL DWN, DI G	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ LUG AND	072 ING, RIG	UP	
TIME HR:MIN. 16:30 00:00 01:00 01:38 01:56 02:03 02:48 02:55	PRES PIPE 44 42 44 49 9	SSSUF	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5	Bbl. FPUMF	LUID PED 40 72 20	FLUID TYPE SEAL BON WATER LEAD TAIL	SAFETY ME TEST LINE CIRCULATI ARRIVE ON SAFETY ME SEAL BONI TEST LINES FINISH LEAF FINISH TAII SLOW TO BE	RIVE ON L EETING: B S NG WELL LOCATION ETING PUMPED S, START L D, START L D, START SHUT DO BUMP PLUG G PRESSU	OCATIO J CREW 4200 P - RIG N BY RIG EAD SL TAIL SL DWN, DI G RE TO 2	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ LUG AND	O72 ING, RIG ON X DISPLAC	UP	
TIME HR:MIN. 16:30 00:00 01:00 01:38 01:56 02:03 02:48	PRES PIPE 44 42 44 49 9	SSSUF (000 000 000 000 000 000 000 000 000 0	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5 4 4 5	Bbl. FPUMF	40 72 20 200	FLUID TYPE SEAL BON WATER LEAD TAIL WATER	SAFETY ME CIRCULATE ARRIVE ON SAFETY ME SEAL BONE TEST LINES FINISH LEAF FINISH TAIL SLOW TO BE BUMP PLUG BLEED OFF	RIVE ON L EETING: B S NG WELL LOCATION ETING PUMPED S, START L D, START L, SHUT DO BUMP PLUC G PRESSU FRECIVED	OCATIO J CREW 4200 P - RIG N BY RIG EAD SL TAIL SL DWN, DI G RE TO 2	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ LUG AND	O72 ING, RIG ON X DISPLAC	UP	
TIME HR:MIN. 16:30 00:00 01:00 01:38 01:56 02:03 02:48 02:55	PRES PIPE 44 42 44 49 9	SSSUF	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5 4 4 5	Bbl. FPUMF	40 72 20 200	FLUID TYPE SEAL BON WATER LEAD TAIL WATER	SAFETY ME TEST LINE CIRCULATE ARRIVE ON SAFETY ME SEAL BONE TEST LINES FINISH LEAFINISH TAIL SLOW TO BE BUMP PLUE BLEED OFF	RIVE ON L EETING: B S NG WELL LOCATION ETING PUMPED S, START L D, START L D, START L COMPONENT COMP	J CREW 4200 P - RIG BY RIG EAD SL TAIL SL DWN, DI G RE TO 2 2 BBLS	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ LUG AND	O72 ING, RIG ON X DISPLAC	UP	
TIME HR:MIN. 16:30 00:00 01:00 01:38 01:56 02:03 02:48 02:55	PRES PIPE 44 42 44 49 9	SSSUF	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5 4 4 5	Bbl. FPUMF	40 72 20 200	FLUID TYPE SEAL BON WATER LEAD TAIL WATER	SAFETY ME CIRCULATE ARRIVE ON SAFETY ME SEAL BONE TEST LINES FINISH LEAF FINISH TAIL SLOW TO BE BUMP PLUE BLEED OFF FLOATS HE THANK YOU	RIVE ON L EETING: B S NG WELL LOCATION EETING PUMPED S, START L D, START L COUNTY DO BUMP PLUCE FRECIVED COLDING J FOR USI	J CREW 4200 P RIG N BY RIG EAD SL TAIL SL DWN, DI G RE TO 2 2 BBLS	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ LUG AND	O72 ING, RIG ON X DISPLAC	UP	
TIME HR:MIN. 16:30 00:00 01:00 01:38 01:56 02:03 02:48 02:55	PRES PIPE 44 42 44 49 9	000 000 000 000 000 000 000 000	SETTING TO PRESSURE RE - PSI	OL, RUNNING RATE DETAI RATE BPM 5 4 4 5	Bbl. FI PUMF	40 72 20 200	FLUID TYPE SEAL BON WATER LEAD TAIL WATER	SAFETY ME TEST LINE CIRCULATE ARRIVE ON SAFETY ME SEAL BONE TEST LINES FINISH LEAFINISH TAIL SLOW TO BE BUMP PLUE BLEED OFF	EETING: B S NG WELL LOCATION ETING D PUMPED D, START L D, START L D, START L C PRESSU F RECIVED DLDING J FOR USIN	J CREW 4200 P - RIG BY RIG EAD SL TAIL SL DWN, DI G RE TO 2 2 BBLS	N, WAI	IT ON CAS XPLANATIO CO. REP. BJ LUG AND	O72 ING, RIG ON X DISPLAC	UP	

Summary of Changes

Lease Name and Number: Schupbach 3510 16-1

API/Permit #: 15-007-23926-00-00

Doc ID: 1106821

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	12/04/2012	01/07/2013
CasingAdd_Type_PctP DF_2		See attached
CasingAdd_Type_PctP DF_3		See attached
CasingNumbSacksUse dPDF_2		305
CasingNumbSacksUse dPDF_3		250
CasingPurposeOfString PDF_2		Surface
CasingPurposeOfString PDF_3		Intermediate
CasingSettingDepthPD F_2		492
CasingSettingDepthPD F_3		5695
CasingSizeCasingSetP DF_2		9.625

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
CasingSizeCasingSetP DF_3		7
CasingSizeHoleDrilledP DF_2		12.25
CasingSizeHoleDrilledP DF_3		8.75
CasingTypeOfCementP DF_2		Class C
CasingTypeOfCementP DF_3		Class C
CasingWeightPDF_2		36
CasingWeightPDF_3		23
Electric Log Run?	No	Yes
Electric Log Submitted Electronically?		Yes
Elogs_PDF		Triple Combo
Formation Top Source - Log	No	Yes
Liner Run?		No
Method Of Completion - Open Hole	No	Yes

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Number Of Sacks Used for Cementing /	18	
Squeezing- Line 2 Producing Formation	CONDUCTOR ONLY	N/A
Purchaser's Name	CONDUCTOR ONLY	
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=11	//kcc/detail/operatorE ditDetail.cfm?docID=11
TopsDatum1	03534	06821 Attached
TopsDepth1		Attached
TopsName1	CONDUCTOR ONLY	Attached
Total Depth	6712	6576
Tubing Packer At		5650
Tubing Record - Set At		5663
Tubing Size		4.5

Summary of Attachments

Lease Name and Number: Schupbach 3510 16-1

API: 15-007-23926-00-00

Doc ID: 1106821

Correction Number: 1

Attachment Name

Schupbach 3510 16-1 Conductor record

Schupbach 3510 16-1 Surface Cmt rpt

Schupbach 3510 16-1 Intermediate Cmt rpt



CONFIDENTIAL OIL & GAS

Kansas Corporation Commission Oil & Gas Conservation Division

1103534

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:	SecTwpS. R
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 #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	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.
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW Plug Back: Plug Back Total Depth Commingled Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	QuarterSecTwpS. R East West
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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: