Confidentiality Requested:

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1135756

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:						
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: ()						
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
Designate Type of Completion:	Lease Name: Well #:					
New Well Re-Entry Workover	Field Name:					
	Producing Formation:					
	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)					
	Chloride content: ppm Fluid volume: bbls					
Commingled         Permit #:           Dual Completion         Permit #:	Dewatering method used:					
SWD         Permit #.	Location of fluid disposal if hauled offsite:					
ENHR     Permit #:	Location of huid disposal if hadred offshe.					
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. 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 Approved by: Date:						

# 

1135756

Operator Name:	Lease Name:	_ Well #:			
Sec TwpS. R East 🗌 West	County:				

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		Log Formatio	on (Top), Depth an	op), Depth and Datum		
Samples Sent to Geolog	,	Yes No	Na	me		Тор	Datum	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING Report all strings set-		New Used ntermediate, 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 Percent Additives	
		ADDITIONA	L CEMENTING / SO	QUEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and P	ercent Additives		
Protect Casing								
Plug Off Zone								
Did you perform a hydraulic	fracturing treatment	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
Does the volume of the tota	0		exceed 350,000 gallo			p question 3)	,	
Was the hydraulic fracturing	g treatment informatio	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	

PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated									Depth
Size:		Set At:	Pa	acker At:		Liner F		No	
Production,	SWD or ENHR.		Producing Method:	Pumping		Gas Lift	Other (Explain)		
	Oil Bbls		Gas Mcf		Wate	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:								PRODUCTION INTERVAL:	
					(Submit A	CO-5)	Commingled (Submit ACO-4)		
	Size:	Specify Foot Size: I Production, SWD or ENHR. Oil Bbls ON OF GAS:	Specify Footage of I	Specify Footage of Each Interval Perforate Size: Set At: Pa Size: Set At: Pa Oil Bbls. Producing Method: Flowing I Oil Bbls. Gas Mcf ON OF GAS: METH d Used on Lease Open Hole Pe	Specify Footage of Each Interval Perforated Size: Set At: Packer At: Size: Set At: Packer At: Production, SWD or ENHR. Oil Bbls. Gas Mcf ON OF GAS: METHOD OF C to Used on Lease Copen Hole Perf.	Specify Footage of Each Interval Perforated         Size:       Set At:         Production, SWD or ENHR.       Producing Method:         Production, SWD or ENHR.       Producing Method:         Oil       Bbls.       Gas       Mcf         Value       Oil       Bbls.       Gas       Mcf         ON OF GAS:       METHOD OF COMPLE       Open Hole       Perf.       Dually (Submit Action 18)	Specify Footage of Each Interval Perforated         Specify Footage of Each Interval Perforated         Size:         Size:         Size:         Set At:         Production, SWD or ENHR.         Producing Method:         Flowing         Production, SWD or ENHR.         Producing Method:         Flowing         Pumping         Gas         Mcf         Water         ION OF GAS:         METHOD OF COMPLETION:         Copen Hole         Perf.         Dually Comp.         (Submit ACO-18)	Specify Footage of Each Interval Perforated       (Amount and Kind         (Amount and Kind       (Amount and Kind         Size:       Set At:         Packer At:       Liner Run:         Yes       Yes         I Production, SWD or ENHR.       Producing Method:         Flowing       Pumping         Oil       Bbls.         Gas       Mcf         Water       Bbls.         ON OF GAS:       METHOD OF COMPLETION:         d       Used on Lease         Open Hole       Perf.         Dually Comp.       Commingled         (Submit ACO-4)       Commingled	Specify Footage of Each Interval Perforated       (Amount and Kind of Material Used)         (Amount and Kind of Material Used)         Size:       Set At:         Packer At:       Liner Run:         Yes       No         I Production, SWD or ENHR.       Producing Method:         Flowing       Pumping         Gas       Mcf         Water       Bbls.         Gas-Oil Ratio         ON OF GAS:       METHOD OF COMPLETION:         Used on Lease       Open Hole         Perf.       Dually Comp.         (Submit ACO-5)       (Submit ACO-4)

SHELL GULF OF MEXICO, INC. (34574)	YOUNG TRU	JST 2309-35
PETE MARTIN DRILLING (34645) (SET THE CONDUCTOR)	1 SWD conductor	1 SWD Mouse Hole
Call in DATE OF SPUD	12/7/2012	
spud in date	12/7/12	12/11/2012
T.D date	12/7/12	12/11/2012
Size Hole Drilled	26"	20"
Size Casing Set (in O.D )	18"	20''
Conductor wall thickness	250	188
Weight Lbs./Ft.	47.76	27.66
Setting Depth	66'	75'
Type of Cement	Type 1/2 portland cement	Type 1/2 portland cement 7cy
Cubic yards of cement		
2500 PSI Grout Mix Type and Percent of Additives	yes 15% fly ash	yes 15% fly ash
Comments	clay and gypsum from surface to55' ft sand to 74' to 76' clay water at 27ft	clay and gypsum from surface to10 ft sand 10 to 32 ft clay to 60 ft water at 20 ft

#### **CEMENT JOB REPORT**



CUSTOMER	SHELL W	/ESTE	ERN E & P INC	;	DATE	21-FE	EB-13	F.R	ł. #	10019660	006		SE	RV. SUPV	<i>і</i> . ј	James Kii	rkpatrick		
LEASE & WEI					LOCA			_					со	UNTY-PA	RISH	I-BLOC	к		
-	UST 2309 a	#35-1	- API 15155216	6120000		-23S-9W								Reno Kans					
DISTRICT McAlester						.ING CO ABORS 1	ONTRAC	TOR	RIG #	1				PE OF JO Surface	В				
	& TYPE O	F PLI	UGS	LIS	T-CSG-H/		-		ME	CHANICA	LBARR	ERS		TVD	HA	NGER T	TYPES	MD	TVD
9-5/8" Top Ce				No Shoe, C									T						
	illi i iug, i	with inc		<u> </u>	Jusi Oup	1			<u> </u>			РНҮ	SICAL SL	URRY PR	OPE	RTIES			
													/////						
MATERIAL	_S FURNI	SHED	) BY BJ		SACKS OF LAB REPORT NO. CEMENT			DF	SLURRY WGT PPG		SLURRY YLD FT	WATEF GPS		PUMP TIME IR:MIN	Bb SLURR		Bbl MIX WATER		
H2O											8.34	Ť			Ť	i		20	
Class C,2%C	CaCl,0.25p	opsCe	elloflake,0.01	%Staticfree	;	12510	)2883			270	14.8	;	1.35	6.	34 (	03:10		65	40.81
H2O		•				1					8.34				1			24	
Available Mi	x Water		110	E	Bbl. Av	/ailable	Displ. F	luid		300	E	Bbl.		T(	OTAL		1	09	40.81
	HOLE							CSG-E	D.P.						-				
SIZE	% EXCE	SS	DEPTH	ID	OD	WGT.		TYPE		MD	TVD		RADE	SHOE		FL	OAT		TAGE
12.25			347	8.921	9.625		36 CSG			343		3 J-5			343	1	301		
				7.0			T-BR PL				F. DEPTI						VELL FL	JID	WOT
ID OD V 18. 18	NGT 1 47.	TYPE	<u>MD</u>		BRANL	D & TYF	<u>۴</u>		EPTH	TOP	BT	N	<b>SIZE</b> 9.625	THREAD 8RD		TYPE ATER B	BASED M	10	WGT. 8.8
		1													1				MIX
DISPL. VO VOLUME			TYPE	PL. FLUID		CAL. PS JMP PL		L. MA) TO RE	X PSI =v	OP. MAX SQ. PSI			TBG PSI	tor R/	MAX ATED		perator	v	VATER
24		H2O			8.34		50			04.10.	101		Opera	.01 1.3			-	RIG	
<u>_</u>			,		0.34	24	50								281	6	600	NIG	
EXPLANATIO	N: TROUE					ETC. PI	RIOR TO	CEM	IENTIN	NG: PUM	P FROZ	E UP,					PERATU	RE	
			PRESSURE/	RATE DET/	AIL .									EXPLANA	TION				
TIME HR:MIN.		SSUR	RE - PSI	RATE BPM	Bbl. F PUM		FLU TYP				ETING: E			CO. REF	э. X	.]			
	PIPE		ANNULUS			PED			-	T LINES	G WELL		DOPSI	BJ					
09:35	6	575					H2O		-					G IN LINE,	 . FIX	_ PROBL	EM ANC	)	
	1								TRY	AGAIN		,							
09:50		90					H2O		-					RT H2O A					
10:15	1	250			4	20	1		1										
10:50	1 1	40		2	4	58				1P 58 BBL ITINUE P				RETURNS	310	SURFA	ιCE,		
10:53	1	50		4	4	65	CEMEN	NT	PUM					WN, DRO	P PL	UG, ST	ART		
11:10	1	00		2	4	24	H2O							JMP PLUC HOLD FO				Ε	
11:20	5	50							HOL	D TEN M	INUTES,	BLR	REED OF	F, Float	HOL	DING			
														NS TO SL					
	 								CELL	LOFLAKE	E + 0.01%	6 ST/	ATIC FRE						
					<u> </u>				THA	NK YOU	FOR US	NG E	BAKER H	IUGHES,	JIM A	AND CR	(EW		
BUMPED PLUG Y N	PSI TC BUMP PLUG 100	<b>&gt;</b>	TEST FLOAT EQUIP. Y N	BBL.CMT RETURNS REVERSE 31	S/ B	OTAL 3BL. MPED	PS LEFT CS	ON	то	POT POUT MENT	SERV	ICE S	SUPERVI	SOR SIGN	IATU	RE:			
	100		T N	<u> </u>	109		U		T T	Ν									

#### **CEMENT JOB REPORT**



LEASE & WELL YOUNG TRUS DISTRICT McAlester SIZE &					04-MA	R-13 <b>F.F</b>	<b>R.#</b> 10	00196857	6		SER	V. SUPV.	Jonathar	n M Schulz	
DISTRICT McAlester			4.04.00000	LOCA								NTY-PARI eno Kansas		к	
SIZE & T	151 23097	735-1 - API 151552	216120000	DRILL	-23S-9W .ING CO bors 102	NTRACTOR	RIG #				ТҮРЕ	E OF JOB termediate			
		F PLUGS	LIST			RF	MECH	IANICAL	BARRIE	RS N	"" MD		HANGER	TYPES	MD TVD
7" Top Cem Plu			Provided by												
									Р	HYSICAL	SLU		PERTIES	1	
MATERIALS	S FURNIS	SHED BY BJ			LAB RI	EPORT NO.	SACH OF CEME	V	LURRY NGT PPG	SLURI YLD FT	RY	WATER GPS	PUMP TIME HR:MIN	Bbi SLURRY	Bbl MIX WATER
Seal Bond Spa	acer 25								8.5					4	0
C15:85:8 + 10 <sup>o</sup>	%Salt+.	6%SMS+ 4ppsk	olSeal+.25pp	is C				200	12.4	2.	.45	13.52	05:00	8	64.18
C50:50:2 + 5%	6Salt+.3	%FL-52+.15%S	MS+4ppsKol					85	14.2	1.	.32	5.66	03:45	2	0 11.46
Fresh Water									8.34					16	6
Available Mix	Water	400	BI	ol. Av	vailable [	Displ. Fluid		300	В	bl.		тот	AL	31	3 75.65
	HOLE					TBG-CSG-	D.P.						COLLAR	R DEPTHS	
	% EXCE		ID	OD 7	WGT.	TYP	E	MD	TVD	GRADE		SHOE	F	LOAT	STAGE
8.75		4269	6.366	7		3 CSG		4255	4255			I			-
LA ID OD WO		ING TYPE   MI	D   TVD		MT RET	-BR PL-LINE	ER DEPTH	PERF.	DEPTH BTN			CONN	TYPE	WELL FLU	ID   WGT.
	36 CSC		38 338	DRANL				4600	460		7 8			BASED ML	
DISPL. VOLU	UME	DIS	PL. FLUID	0	CAL. PSI	CAL. MA		P. MAX	M	AX TBG F			AX CSG F	PSI	MIX
VOLUME	UOM	TYPI	E wo	T. BL	JMP PLU	JG TO RE	EV. S	SQ. PSI	RATI	ED Op	erato		1	perator	WATER
166	BBLS	Fresh Water		3.34	76	0								2500	Rig tank
															0
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: Arrive on location @ 200, Running Casing															
EXPLANATION	I: TROUE				ETC. PR	NOR TO CEN	IENTING	: Arrive	on loca	tion @ 20					
		PRESSURI	E/RATE DETA	IL							EX	(PLANATI	ON		
EXPLANATION:	PRE	PRESSURI SSURE - PSI			LUID	FLUID	SAFE	TY MEET	ING: B	J CREW	EX X (		ON		
ТІМЕ		PRESSURI	E/RATE DETA	IL   Bbl. F	LUID	FLUID	SAFE	TY MEET	ring: B	J CREW 3900 PS	EX X (	(PLANATI	ON		
TIME	PRE	PRESSURI SSURE - PSI	E/RATE DETA	IL   Bbl. F	LUID	FLUID	SAFE TEST CIRCU	TY MEET LINES	TING: B	J CREW 3900 PS	E) X (	KPLANATI CO. REP.	ON		
TIME HR:MIN.	PRE	PRESSURI SSURE - PSI	E/RATE DETA	IL   Bbl. F	FLUID	FLUID	SAFE TEST CIRCU Arrive o	TY MEET LINES ILATING	TING: B WELL ·	J CREW 3900 PS	E) X (	KPLANATI CO. REP.	ON		
TIME           HR:MIN.           02:00	PRE	PRESSURI	E/RATE DETA	IL   Bbl. F	FLUID IPED	FLUID TYPE SPACER WATER	SAFE TEST CIRCU Arrive of Rig pur test pur	TY MEET LINES LATING on locatio mps Spa mps & lir	TING: B WELL - on cer nes	J CREW 3900 PS - RIG	E) X ( i X	KPLANATI CO. REP.	ON		
TIME           HR:MIN.           02:00           12:15           12:44           12:47	PRES PIPE	PRESSURI SSURE - PSI ANNULUS 33 75	RATE DETA RATE BPM	L Bbl. F PUM	FLUID IPED 40	FLUID TYPE SPACER WATER LEAD	SAFE TEST CIRCU Arrive of Rig pur test pur open w	TY MEET LINES DLATING DD locatio mps Spa mps & lir rell/start l	FING: B WELL - on cer nes lead slur	J CREW 3900 PS - RIG ry @ 12.4	EX X ( X 4ppg	KPLANATI CO. REP. BJ	ON		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13	PRES PIPE 399 2 4	PRESSURI SSURE - PSI ANNULUS 33 75 99	RATE DETA RATE BPM 3 3	IL Bbl. F PUM	FLUID PED 40 40 87	FLUID TYPE SPACER WATER LEAD LEAD	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea	TY MEET LINES DLATING DD location mps Spa mps & lir rell/start l d slurry/	TING: B WELL - on cer nes lead slur istart tail	J CREW 3900 PS - RIG ry @ 12.4 slurry @	EX X ( X 4ppg	KPLANATI CO. REP. BJ	ON		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:19	PRES PIPE 399 2 4 4	PRESSURI SSURE - PSI ANNULUS 33 75 99 13	RATE DETA RATE BPM 3 4 3	IL Bbi. F PUM	FLUID PED 40 40 87 20	FLUID TYPE SPACER WATER LEAD LEAD TAIL	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail	TY MEET LINES ILATING on locatio mps Spa mps & lir rell/start l d slurry/sl	FING: B. WELL - on cer nes lead slur start tail hutdown	J CREW 3900 PS - RIG ry @ 12 slurry @	EX X ( X 4ppg	KPLANATI CO. REP. BJ	ON		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:23	PRES PIPE 399 2 4 1	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82	RATE DETA RATE BPM 3 3 4 3 5	IL Bbl. F PUM	FLUID         PED           40            40            20	FLUID TYPE SPACER WATER LEAD LEAD TAIL WATER	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop Tf	TY MEET LINES DILATING on locatio mps Spa mps & lir ell/start I d slurry/sl slurry/sl	FING: B WELL - on cer nes lead slur start tail hutdown displace	J CREW 3900 PS - RIG ry @ 12.4 slurry @ ment	E) X ( il X 4ppg 14.2p	BJ	ON		
TIME         HR:MIN.         02:00         12:15         12:44         12:47         13:13         13:13         13:53	PRES PIPE 399 2 4 1 1 5	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82 25	RATE DETA RATE BPM 3 4 3	IL Bbl. F PUM	ELUID PED 40 87 20	FLUID TYPE SPACER WATER LEAD LEAD TAIL	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop TF bump p	TY MEET LINES OLATING on locatio mps Spa mps & lir rell/start I d slurry/sl slurry/sl RP/start o olug/shut	FING: B WELL - on cer nes lead slur start tail hutdown displace down/ st	J CREW 3900 PS - RIG ry @ 12 slurry @	E) X ( il X 4ppg 14.2p	BJ	ON		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:23	PRES PIPE 399 2 4 1	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82 25	RATE DETA RATE BPM 3 3 4 3 5	IL Bbl. F PUM	FLUID         PED           40            40            20	FLUID TYPE SPACER WATER LEAD LEAD TAIL WATER	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop TF bump p end cas	TY MEET LINES on location mps Spa mps & lir ell/start I d slurry/sl a slurry/sl RP/start o olug/shut sing test	FING: B WELL on cer hes lead slur start tail hutdown displace down/ st	J CREW 3900 PS - RIG ry @ 12.4 slurry @ ment tart casin	EX X 4ppg 14.2p g test	BJ	ON		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:53           13:58	PRES PIPE 399 2 4 1 1 5	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82 25 27	RATE DETA RATE BPM 3 3 4 3 5	IL Bbl. F PUM	ELUID         I           PED         I           40         I           40         I           87         I           20         I           166         I	FLUID TYPE SPACER WATER LEAD LEAD TAIL WATER	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop TF bump p end cas check f	TY MEET LINES on location mps Spa mps & lir ell/start I d slurry/sl a slurry/sl RP/start o olug/shut sing test	FING: B WELL - on cer hes lead slur start tail hutdown displace down/ st	J CREW 3900 PS • RIG ry @ 12.4 slurry @ ment tart casin bbls retu	EX X 4ppg 14.2p g test	BJ	ON		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:53           13:58	PRES PIPE 399 2 4 1 1 5	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82 25 27	RATE DETA RATE BPM 3 3 4 3 5	IL Bbl. F PUM	ELUID         I           PED         I           40         I           40         I           87         I           20         I           166         I	FLUID TYPE SPACER WATER LEAD LEAD TAIL WATER	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop TF bump p end cas check f Calcula	TY MEET LINES JLATING on location mps Spa mps & lirr ell/start I d slurry/slurry/slurry slurry/slurry slurry (slurry) slurry (slurry) slury (slurry) slurry (slurry) slurry (slurry) slurry (slurry) slurry	FING: B WELL - on cer nes lead slur start tail hutdown displace down/ st olding/ 1 of Tail 3	J CREW 3900 PS • RIG ry @ 12.4 slurry @ ment tart casin bbls retui 755	EX X 4ppg 14.2p g test	BJ	ON		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:53           13:58	PRES PIPE 399 2 4 1 1 5	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82 25 27	RATE DETA RATE BPM 3 3 4 3 5	IL Bbl. F PUM	ELUID         I           PED         I           40         I           40         I           87         I           20         I           166         I	FLUID TYPE SPACER WATER LEAD LEAD TAIL WATER	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop TF bump p end cas check f Calcula Calcula Lead S	TY MEET LINES JLATING on location mps Spa mps & lir ell/start I d slurry/sl slurry/sl slurry/sl slurry/sl slury/start o olug/shut sing test loats/ ho ated Top ated Top lurry: C1	FING: B WELL - on cer hes lead slur start tail hutdown displace down/ st down/ st of Tail 3 of Lead 5:85:8 +	J CREW 3900 PS - RIG ry @ 12 slurry @ ment tart casin bbls retui 7755' 1249'	EX (X) (I) (X) (I) (X) (I) (I) (I) (I) (I) (I) (I) (I	APLANATI CO. REP. BJ		:e + 4pps	
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:53           13:58	PRES PIPE 399 2 4 1 1 5	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82 25 27	RATE DETA RATE BPM 3 3 4 3 5	IL Bbl. F PUM	ELUID         I           PED         I           40         I           40         I           87         I           20         I           166         I	FLUID TYPE SPACER WATER LEAD LEAD TAIL WATER	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop TF bump p end cas check f Calcula Calcula Lead S KolSea Tail Slu	TY MEET LINES LATING on location mps Spa mps & lir ell/start I d slurry/sl slurry/sl slurry/sl slury/slury/sl slury/slury/slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/s	FING: B WELL - on cer hes lead slur start tail hutdown displace down/ st of Tail 3 of Lead 5:85:8 + woc Sod 0:50:2 + liicate +	J CREW 3900 PS • RIG ry @ 12.4 slurry @ ment tart casin bbls retui 755' 1249' • 10% bw ium Meta .25pps C 5% Salt	E) X ( i X 4ppg 14.2r g test g test callofta cellofta	APLANATI CO. REP. BJ PPg alt+ .25pps alt+ .25pps atte ake + 4pps	ON X Cellofiak		
TIME HR:MIN.           02:00           12:15           12:44           12:47           13:13           13:53           13:58	PRES PIPE 399 2 4 1 1 5	PRESSURI SSURE - PSI ANNULUS 33 75 99 13 82 25 27	RATE DETA RATE BPM 3 3 4 3 5	IL Bbl. F PUM	ELUID         I           PED         I           40         I           40         I           87         I           20         I           166         I	FLUID TYPE SPACER WATER LEAD LEAD TAIL WATER	SAFE TEST CIRCU Arrive of Rig pur test pur open w end lea end tail drop TF bump p end cas check f Calcula Lead S KolSea Tail Slu Sodiurr Thanks	TY MEET LINES LATING on location mps Spa mps & lir ell/start I d slurry/sl slurry/sl slurry/sl slury/slury/sl slury/slury/slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/sl slury/s	TING: B WELL - on cer hes lead slur start tail hutdown displace down/ st of Tail 3 of Lead 5:85:8 + woc Sod 0:50:2 + liicate + g BHI P	J CREW 3900 PS - RIG ry @ 12.4 slurry @ ment tart casin bbls retui 755' 1249' - 10% bw ium Meta .25pps C 5% Salt ressure F	E) X ( i X 4ppg 14.2r g test g test callofta cellofta	APLANATI CO. REP. BJ PPg alt+ .25pps alt+ .25pps atte ake + 4pps	ON X Cellofiak		



PRESSURE/RATE DETAIL						EXPLANATION				
TIME	PRESSU	IRE - PSI	RATE	Bbl. FLUID	FLUID	SAFETY MEETING: BJ CREW X CO. REP. X				
HR:MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES 3900 PSI				
						CIRCULATING WELL - RIG X BJ				
BUMPED	PSI TO BUMP	TEST FLOAT	BBL.CMT RETURNS/	TOTAL BBL.	PSI LEFT ON	SPOT TOP OUT	SERVICE SUPERVISOR SIGNATURE:			
PLUG	PLUG	EQUIP.	REVERSED	PUMPED	CSG	CEMENT				
Y N	1525	Y N	0	313	0	YN				

### Summary of Changes

Lease Name and Number: Young Trust 2309 35-1 API/Permit #: 15-155-21612-00-00 Doc ID: 1135756 Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	0	343
Approved Date	01/09/2013	04/29/2013
CasingAdd_Type_PctP DF_2		See attached
CasingAdd_Type_PctP DF_3		See attached
CasingNumbSacksUse dPDF_2		270
CasingNumbSacksUse dPDF_3		285
CasingPurposeOfString PDF_2		Surface
CasingPurposeOfString PDF_3		Intermediate
CasingSettingDepthPD F_2		343
CasingSettingDepthPD F_3		4255

Field Name	Previous Value	New Value
CasingSizeCasingSetP DF_2		9.625
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
Fluid Mngmt - Chloride Content		0
Fluid Mngmt - County		Harper

Field Name	Previous Value	New Value
Fluid Mngmt - Dewatering Method		Hauled to Disposal
Fluid Mngmt - Fluid Volume		0
Fluid Mngmt - Lease Name		N/A
Fluid Mngmt - Operator License		99999
Fluid Mngmt - Operator Name		Plumb Thicket Landfill
Fluid Mngmt - Permit		KDHE Permit #0842
Fluid Mngmt - Quarter		SW
Fluid Mngmt - Range		6
Fluid Mngmt - Range Direction		West
Fluid Mngmt - Section		4
Fluid Mngmt - Township		31
Formation Top Source - Log	No	Yes
Liner Run?		No

Field Name	Previous Value	New Value	
Method Of Completion - Open Hole	No	Yes	
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	
TopsDepth1	07257	35756 3757	
TopsDepth2		3800	
TopsDepth3		3856	
TopsDepth4		3872	
TopsDepth5		4100	
TopsDepth6		4249	
TopsName1	CONDUCTOR ONLY	Cherokee	
TopsName2		Mississippi	
TopsName3		Compton	

Field Name	Previous Value	New Value
TopsName4		Kinderhook
TopsName5		Viola
TopsName6		Arbuckle
Total Depth	60	5040
Tubing Packer At		4215
Tubing Record - Set At		4225
Tubing Size		4.5

### Summary of Attachments

Lease Name and Number: Young Trust 2309 35-1 API: 15-155-21612-00-00 Doc ID: 1135756 Correction Number: 1 Attachment Name

YOUNG TRUST 2309 #35-1 Conductor record

YOUNG TRUST 2309 #35-1 Surface Cement rpt

YOUNG TRUST 2309 #35-1 Intermediate Cement rpt



CONFIDENTIAL WELL COMPLETION FORM

1107257

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

# WELL COMPLETION FORM

NELL I	HISTORY -	DESCRIPTION	OF WELL &	& LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from Fast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
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:
	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used? Yes No
GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Dewatering method used:
Conv. to GSW	Dewatering method used.
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	
ENHR         Permit #:	Quarter Sec TwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or         Date Reached TD         Completion Date or           Recompletion Date         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:				

### KOLAR Document ID: 1107257

Operator Name:	Lease Name: Well #:
Sec TwpS. R East 🗌 West	County:

Page Two

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c		] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[			ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and	Percent Additives	
Protect Casing Plug Back TD Plug Off Zone									
<ol> <li>Did you perform a hydra</li> <li>Does the volume of the</li> <li>Was the hydraulic fracture</li> </ol>	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:			DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole       Perf.       Dually Comp.       Commingled         (Submit ACO-5)       (Submit ACO-4)		Bollom				
	foration Perform Top Botto		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeezend of Material Used)	
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	Young Trust 2309 35-1
Doc ID	1107257

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
Conductor	26	18	47.76	60	1/2 Portland Cmt	15% Fly Ash

SHELL GULF OF MEXICO, INC. (34574)	YOUNG TRUST 2309-35			
PETE MARTIN DRILLING (34645) (SET THE CONDUCTOR)	1 SWD conductor	1 SWD Mouse Hole		
Call in DATE OF SPUD	12/7/2012			
spud in date	12/7/12	12/11/2012		
T.D date	12/7/12	12/11/2012		
Size Hole Drilled	26"	20"		
Size Caseing Set (in O.D )	18"	20''		
conductor wall thickness	250	188		
Weight Lbs./Ft.	47.76	27.66		
Setting Depth	66'	75'		
	type1/2 portland cement	Type 1/2 portland cement		
Type of Cement				
Cubic yards of cement	бсу	7су		
2500 PSI Grout Mix	yes	yes		
Type and Percent of Additives	15% fly ash	15% fly ash		

Comments	clay and gypsum from surface to55' ft sand to 74' to 76' clay water at 27ft	clay and gypsum from surface to10 ft sand 10 to 32 ft clay to 60 ft water at 20 ft
Size Hole Drilled		
Size Caseing Set (in O.D )		
Weight Lbs./Ft.		
Setting Depth		
Type of Cement # of Sacks Used		
Type and Percent of Additives		
Purpose of String		
Size Hole Drilled		

Size Caseing Set (in O.D )	
Weight Lbs./Ft.	
Setting Depth	
Type of Cement	
# of Sacks Used	
Type and Percent of Additives	
Purpose of String	




Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

January 09, 2013

Damonica Pierson Shell Gulf of Mexico Inc. 150 N DAIRY-ASHFORD (77079) PO BOX 576 (77001-0576) HOUSTON, TX 77001-0576

Re: ACO1

API 15-155-21612-00-00 Young Trust 2309 35-1 SE/4 Sec.35-23S-09W Reno County, Kansas

**Dear Production Department:** 

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully, Damonica Pierson