

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1084591

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 \square North / \square South Line of Section
City: St	ate: Ziŗ	D:+	Feet	from East / West Line of Section
Contact Person:			Footages Calculated from Ne	arest Outside Section Corner:
Phone: ()			□ NE □ NW	□ SE □ SW
CONTRACTOR: License #			GPS Location: Lat:	, Long:
Name:				. 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	iemp. Abd.	Amount of Surface Pipe Set a	and Cemented at: Feet
Cathodic Other (Core	Expl etc.)		Multiple Stage Cementing Co	
If Workover/Re-entry: Old Well Inf				Feet
Operator:				nent circulated from:
Well Name:			, ,	w/sx cmt.
Original Comp. Date:			loot doparto.	U/ U/_
	_	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: bbls
Dual Completion	Permit #:		Dewatering method used:	
SWD	Permit #:		Location of fluid disposal if ha	uled offsite:
☐ ENHR	Permit #:		On and an Name	
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 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 to 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	atic pressures, both 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	v. 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	tion, 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 you 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)		<u> Борин</u>
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Day 1 . C	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	Bbls. 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)		-	

CEMENT JOB REPORT



DISTRICT McAlester	YPE OF PI Plug, Nitril FURNISHE	e cvr, Phe		LOCATION 14-33S-1 DRILLING NABORS CSG-HARDV	W CONTRAC 3 180	ETOR RIG #	CHANICAL	. BARRIE	TY	UNTY-PARI: Harper Kansa: PE OF JOB Surface			ID TVD
MATERIALS F water C 15:85:8 +2% C Class C + 2% C	YPE OF PI Plug, Nitril FURNISHE CaCl + .25	LUGS le cvr, Phe		DRILLING NABORS	CONTRAC 3 180			BARRIE	TY	PE OF JOB Surface		TYPES M	ID TVD
MATERIALS F water C 15:85:8 +2% C	Plug, Nitril F URNISHE CaCl + .25	e cvr, Phe	LIST-t	l		MEC	CHANICAL	BARRIE	RS MD	TVD H	IANGER	TYPES N	ID TVD
MATERIALS F water C 15:85:8 +2% C	Plug, Nitril F URNISHE CaCl + .25	e cvr, Phe											
MATERIALS F water C 15:85:8 +2% C Class C + 2% C	FURNISHE CaCl + .25									1 1			
water C 15:85:8 +2% (Class C + 2% C	CaCl + .25	D BY BJ						PH	I IYSICAL SL	URRY PROF	PERTIES	•	
C 15:85:8 +2% (Class C + 2% C				LAE	B REPORT	0	OF Y	LURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbi MIX WATER
Class C + 2% C								8.34				20	
	aCl + .25p	ipps Celloflake	;				175	12.7	2.04	11.2		63.1	46.
Water		ps Celloflake					250	14.8	1.35	6.34		60.1	37.
								8.34				51.3	
Available Mix W	/ater	400	Bbl	. Availab	le Displ. F	luid	300	Bb	ıl.	тот	AL	194.5	84.
	HOLE				TBG-	CSG-D.P.					COLLAF	R DEPTHS	
	EXCESS		1 1	OD WG		TYPE	MD	TVD	GRADE	SHOE	FI	LOAT	STAGE
12.25		705		9.625	36 CSG		705	705					
ID OD WG	T CASING			PKR-CMT R BRAND & T		-LINER DEPTH		. DEPTH BTM	_	CONN THREAD	TYPE	WELL FLUID) │ WGT
	4		0 60	DRAND & I	IPE	DEPIR	TOP	D I IVI	9.625			BASED MU	WGI
DISPL. VOLUM	ME	DISI	PL. FLUID	CAL.	PSI CAI	MAX PSI	OP. MAX	MA	X TBG PSI		AX CSG F	Del .	MIX
	UOM	TYPE				O REV.	SQ. PSI	RATE				perator	WATER
		ater		.34	230						816	•	g Tank
		201			200					_	0.0	1000	9
		PRESSURE/	RATE DETAIL	-						EXPLANATION	ON		
TIME	PRESSU	JRE - PSI	RATE	Bbl. FLUIC	FLU								
HR:MIN.	PIPE	ANNULUS	BPM	PUMPED			ETY MEE	TING: BJ	CREW X	CO. REP.	X		
16:30				. 0 25	TYP	E TES	T LINES	2	2695 PSI		X		
10.30		i 		. 0 25	ТҮР	E TES	T LINES CULATING	2 WELL -	2695 PSI	CO. REP.	X		
21:15	2695					E TES CIRC	ST LINES CULATING re on locati	WELL -	2695 PSI		X		
21:15	2695		4		WATE	CIRC Arrive	CULATING Te on location Pumps &	S WELL - on Lines	2695 PSI		X		
21:15 21:17 21:27	2695 38 196		4			TES CIRC Arrive R Test R start	CULATING TO ON LOCATI TO ON LOC	S WELL - on Lines ad	2695 PSI RIG X				
21:17	38				WATE	TES CIRC Arrive R Test R start R end v	CULATING TO ON LOCATI TO ON LOC	S WELL - on Lines ad	2695 PSI RIG X	ВЈ			
21:17 21:27	38 196		4		WATEI WATEI WATEI LEAD	CIRC Arrive R Test R start R end v start	CULATING re on locati Pumps & water ahea water ahea lead slurry	S WELL - on Lines ad ad/ shutdo y @ 12.7p	2695 PSI RIG X	BJ livery issues			
21:17 21:27 21:34	38 196 229		4	4	WATEI WATEI WATEI LEAD	CIRCO Arrivo R Test R start R end v start bbls	CULATING e on locati Pumps & water ahe water ahea lead slurry pumped w	S WELL - on Lines ad ad/ shutdo y @ 12.7p	2695 PSI RIG X	BJ livery issues			
21:17 21:27 21:34 21:47 21:49 21:56	38 196 229 332 339 240		4 4 5.6 5.6 4	56	WATEI WATEI WATEI LEAD LEAD LEAD LEAD LEAD LEAD LEAD	E TES CIRC Arrive R Test R start R end v start bbls end I	CULATING The on locati Pumps & water ahea water ahea lead slurry pumped w lead slurry pumped w	S WELL - on Lines ad ad/ shutdo y @ 12.7p then lead / start tail	Pown/ bulk delentry @ sheet to surface	BJ ivery issues De8ppg			
21:17 21:27 21:34 21:47 21:49 21:56 22:01	38 196 229 332 339 240 287		4 4 5.6 5.6 4 4	5 6 22	WATEI WATEI WATEI LEAD LEAD LEAD LEAD TAIL TAIL	TES CIRC Arrivo R Test R start R end v start bbls end I bbls bbls	CULATING CULATING The on locati Pumps & water ahea water ahead slurry pumped water and slurry	S WELL - on Lines ad ad/ shutdo y @ 12.7p then lead / start tail	2695 PSI RIG X Down/ bulk del DPG slurry @ sho slurry @ 14	BJ ivery issues De8ppg			
21:17 21:27 21:34 21:47 21:49 21:56 22:01 22:03	38 196 229 332 339 240 287 244		4 5.6 5.6 4 4	56	WATEI WATEI WATEI LEAD LEAD LEAD LEAD TAIL TAIL TAIL	TES CIRC Arrivo R Test R start R end v start bbls end l bbls bbls end t	culatines culatine e on locati Pumps & water ahe water ahea lead slurry pumped w lead slurry pumped w pumped w tail slurry	SWELL - on Lines ad ad/ shutdo y @ 12.7p hen lead / start tail hen ceme hen tail s	Pown/ bulk delenged slurry @ 14 ent to surfacelurry @ short	BJ ivery issues De8ppg			
21:17 21:27 21:34 21:47 21:49 21:56 22:01 22:03 22:05	38 196 229 332 339 240 287 244		4 5.6 5.6 4 4 2.5	55 6 22 56	WATEI WATEI WATEI LEAD LEAD LEAD LEAD TAIL TAIL WATEI	TES CIRC Arrivo R R Test R Start R Start bbls end I bbls bbls end t R R drop	culatines culatines culatines e on locati Pumps & l water ahea water ahea lead slurry pumped w lead slurry pumped w pumped w tail slurry TRP/ start	SWELL - on Lines ad ad/ shutdc y @ 12.7p hen lead / start tail hen ceme hen tail s	Pown/ bulk delenged slurry @ 14 ent to surfacelurry @ short	BJ ivery issues De8ppg			
21:17 21:27 21:34 21:47 21:49 21:56 22:01 22:03 22:05 22:18	38 196 229 332 339 240 287 244 100		4 5.6 5.6 4 4	55 6 22 55 6	WATEI WATEI WATEI LEAD LEAD LEAD LEAD TAIL WATEI WATEI	TES CIRC Arrive R Test R start R end v start bbls end I bbls end t R drop R bump	culatines culati	SWELL - on Lines ad ad/ shutdcd y @ 12.7p then lead / start tail then ceme then tail s t displace	2695 PSI RIG X Down/ bulk del DPG Slurry @ sho slurry @ 14 ent to surfac lurry @ shoot	BJ ivery issues De8ppg			
21:17 21:27 21:34 21:47 21:49 21:56 22:01 22:03 22:05	38 196 229 332 339 240 287 244		4 5.6 5.6 4 4 2.5	55 6 22 56	WATEI WATEI WATEI LEAD LEAD LEAD LEAD TAIL WATEI WATEI	TES CIRC Arrive R Test R start R end v start bbls end I bbls bbls for a drop R drop R bump check	cultures Cul	SWELL - on Lines ad ad/ shutdcd ad/ shutdcd y @ 12.7p hen lead / start tail hen ceme hen tail s t displace utdown lding/ bbls	pown/ bulk del ppg slurry @ she slurry @ 14 ent to surfacturry @ shoe ment	BJ ivery issues De8ppg			
21:17 21:27 21:34 21:47 21:49 21:56 22:01 22:03 22:05 22:18	38 196 229 332 339 240 287 244 100		4 5.6 5.6 4 4 2.5	55 6 22 55 6	WATEI WATEI WATEI LEAD LEAD LEAD LEAD TAIL WATEI WATEI	TES CIRC Arrive R Test R start R end v start bbls end I bbls bbls bbls end t R drop R bump check 80 bb	cultures Cul	SWELL - on Lines ad ad/ shutdcd ad/ shutdcd y @ 12.7p hen lead / start tail hen ceme /hen tail s t displace utdown lding/ bbls t return to	pown/ bulk del ppg slurry @ she slurry @ she ment s return surface	BJ ivery issues De .8ppg e			
21:17 21:27 21:34 21:47 21:49 21:56 22:01 22:03 22:05 22:18	38 196 229 332 339 240 287 244 100		4 5.6 5.6 4 4 2.5	55 6 22 55 6	WATEI WATEI WATEI LEAD LEAD LEAD LEAD TAIL WATEI WATEI	TES CIRC Arrivo R Test R start R end v start bbls end I bbls bbls end t R drop R bump check 80 bt Than	culatines culatines culatines e on locati Pumps & l water ahea lead slurry pumped w lead slurry pumped w pumped w tail slurry TRP/ start p plug/ shu k float/ hol bls cement lks for Usin	SWELL - on Lines ad ad/ shutdo y @ 12.7p hen lead / start tail hen ceme hen tail s t displace utdown lding/ bbls t return to ng BHI Pr	2695 PSI RIG X Down/ bulk deleppg slurry @ short slurry @ 14 ent to surface lurry @ short ment sereturn surface essure Pum	BJ ivery issues De8ppg			
21:17 21:27 21:34 21:47 21:49 21:56 22:01 22:03 22:05 22:18 22:19	38 196 229 332 339 240 287 244 100	TEST FLOAT EQUIP.	4 5.6 5.6 4 4 2.5	55 6 22 55 6	WATEI WATEI WATEI LEAD LEAD LEAD TAIL WATEI WATEI WATEI	TES CIRC Arrive R Test R start R end v start bbls end I bbls bbls end t R drop R bump check 80 bt Than Jona	cultures Cul	SWELL - on Lines ad ad/ shutdo y @ 12.7 then lead / start tail then ceme then tail s t displace utdown lding/ bbls t return to ng BHI Pr lz & Crew	2695 PSI RIG X Down/ bulk delency @ short slurry @ 14 ent to surface lurry @ short ment surface essure Pum	BJ ivery issues De .8ppg e	S		

CEMENT JOB REPORT



EASE & WEI	SHELL W			LOCATION	-	The state of the s			COUNTY-PA	ARIS	SH-BI OC	K	
DAVIS 340	7 #27-1 - A	PI 1507721792	0000	27-34S-					Harper K			N.	
DISTRICT McAlester				DRILLING	CONTRACTOR	R RIG#			TYPE OF JO Intermed				
SIZE 8	TYPE OF	PLUGS	LIST-	CSG-HARDV	VARE	MECHANIC	AL BARRIE	ERS M	D TVD	H	ANGER 1	TYPES N	ID TVD
" Top Cem	Plug, Nitri	le cvr, Phen	Shoe PRO	/IDED BY	CUSTOMER								
		,					P	HYSICAL	SLURRY PR	ROPI	ERTIES		
MATERIAL	.S FURNIS	HED BY BJ		LAE	REPORT NO.	SACKS OF CEMENT	SLURRY WGT PPG	SLURR YLD FT	Y WATE		PUMP TIME HR:MIN	Bbi SLURRY	BbI MIX WATER
Seal bond							8.41		Ť-	Ī		40	
35:65:6(poz	,c,gel)+4#	kolsel+10%s	alt+.25#celofll	<		790	12.4	2.2	25 12	.15	03:45	316	228.
50:50:2(poz	,c,gel)+5%	salt+4#kolse	el+.3%fl52+.15	%sms		200	14.2	1.3	32 5	.66	03:45	47	26.9
WATER							8.34					218	
Available Mix	Water	1000	Bb	I. Availab	le Displ. Fluid	1000	BI	bl.	Т	ОТА	L	621	255.0
	HOLE				TBG-CSG							DEPTHS	
8.75	% EXCES	S DEPTH 554		OD WG	T. TYP			GRADE	SHO	E 5547		.OAT 5502	STAGE
			0.300			554		L-80		0041			
ID OD V	AST CASH		ID TVD		ET-BR PL-LINI		RF. DEPTH		OP CONN			VELL FLUID	
	36		B00 800	BRAND & T	YPE [DEPTH TOP	00 460		7 8RD	-	VATER	BASED M	WGT.
8.9 9.625				CAL	201 041 144	X PSI OP. M		AX TBG PS			X CSG P		MIX
	TIME	DI	CDI CIIID									5	IVIIA
DISPL. VOI			SPL. FLUID F WG	CAL.									WATER
	UOM BBLS V	TYP	E WG	T. BUMP						ATE		perator 3500 FI	WATER RAC ANK
DISPL. VOI VOLUME 218	BBLS V	TYP	E WG	BUMP I	PLUG TO RI	EV. SQ. P	SI RATE	ED Ope	rator R	50	D O _I	perator 3500 FI	RAC
DISPL. VOI VOLUME 218	BBLS \	TYP	E WG 8 DOL, RUNNING	T. BUMP I	PRIOR TO CEM	EV. SQ. P	RATE	DCATION,	RIG UP, WA	50 AIT C	D Op 072 ON RIG	perator 3500 FI	RAC
DISPL. VOI VOLUME 218	BBLS \	TYP VATER E SETTING T PRESSUR	E WG 8 00L, RUNNING E/RATE DETAIL	BUMP I	PLUG TO RESERVE TO RES	EV. SQ. P	RIVE ON LO	DCATION,	RIG UP, WA	50 AIT C	D Op 072 ON RIG	perator 3500 FI	RAC
DISPL. VOI VOLUME 218 XPLANATION	BBLS \	TYP VATER E SETTING T PRESSUR SURE - PSI	E WG 8 00L, RUNNING E/RATE DETAIL	T. BUMP I	PRIOR TO CEM	EV. SQ. PS	RIVE ON LO	OCATION, J CREW 4000 PSI	RIG UP, WA	50 AIT C	D Op 072 ON RIG	perator 3500 FI	RAC
DISPL. VOI VOLUME 218 XPLANATION TIME HR:MIN.	BBLS \	TYP VATER E SETTING T PRESSUR SURE - PSI	E WG 8 00L, RUNNING E/RATE DETAIL	T. BUMP I	PRIOR TO CEM	MENTING: AR SAFETY ME TEST LINES	RIVE ON LO	OCATION, J CREW 4000 PSI RIG	RIG UP, WAR	50 AIT C	D Op 072 ON RIG	perator 3500 FI	RAC
DISPL. VOI VOLUME 218 XPLANATIOI TIME HR:MIN. 15:00 10:00	BBLS V	VATER E SETTING TO PRESSURE - PSI ANNULUS	E WG 8 00L, RUNNING E/RATE DETAIL	T. BUMP I	PRIOR TO CEM	SAFETY ME TEST LINES CIRCULATII ARRIVE OF	RIVE ON LO	OCATION, J CREW 4000 PSI RIG	RIG UP, WAR	500 AAIT C	D O _I DON RIG	3500 FI	RAC
DISPL. VOI VOLUME 218 XPLANATION TIME HR:MIN.	BBLS \	VATER E SETTING TO PRESSURE - PSI ANNULUS	E WG 8 00L, RUNNING E/RATE DETAIL	T. BUMP I	PRIOR TO CEM	SAFETY ME TEST LINES CIRCULATII ARRIVE OF SAFETY ME TEST LINEST L	RIVE ON LO	OCATION, J CREW 4000 PSI RIG	RIG UP, WAR	500 AAIT C	D O _I DON RIG	3500 FI	RAC
DISPL. VOI VOLUME 218 XPLANATIOI TIME HR:MIN. 15:00 10:00	BBLS V	VATER LE SETTING TO PRESSURE - PSI ANNULUS	E WG 8 00L, RUNNING E/RATE DETAIL	T. BUMP I	PRIOR TO CEM	SAFETY ME TEST LINES CIRCULATII ARRIVE OF SAFETY M TEST LINE BEFORE W FINISH LEA	RIVE ON LO EETING: B. IN LOCATING EETING S, START I/E TEST AD, START	DCATION, J CREW 4000 PSI RIG ON LEAD SI	RIG UP, WARE EXPLANAX CO. RE X BJ LURRY, RI	ATEI 500 AATIO P. I	D O _I DON RIG DON RIG EN X	3500 FI T/	RAC ANK
TIME HR:MIN. 15:00 10:00 11:55 13:05 13:19	N: TROUBLE PRESS PIPE 400	PRESSUR ANNULUS	E WG 8 OOL, RUNNING E/RATE DETAIL RATE BPM 5 4	T. BUMP I	PRIOR TO CEM FLUID TYPE WATER LEAD TAIL	SAFETY ME TEST LINES CIRCULATII ARRIVE OF SAFETY M TEST LINE BEFORE W	RIVE ON LO EETING: B. IN LOCATING EETING S, START I/E TEST AD, START	DCATION, J CREW 4000 PSI RIG ON LEAD SI	RIG UP, WARE EXPLANAX CO. RE X BJ LURRY, RI	ATEI 500 AATIO P. I	D O _I DON RIG DON RIG EN X	3500 FI T/	RAC ANK
TIME HR:MIN. 15:00 10:00 11:55 13:05 13:19 14:14	PRESS PIPE 400 15 10 160	PRESSUR ANNULUS 0 0 0 0	E WG 8 OOL, RUNNING E/RATE DETAIL RATE BPM 5 4 4	BBMP II CCSG, ETC. BBM. FLUID PUMPED 311 41 200	PRIOR TO CEM FLUID TYPE WATER LEAD TAIL WATER	SAFETY ME TEST LINES CIRCULATII ARRIVE OI SAFETY M TEST LINE BEFORE W FINISH LEA	RIVE ON LOSSING WELL - N LOCATION EETING S, START JE TEST AD, START L, SHUT E BUMP PLU	DCATION, J CREW 4000 PSI RIG ON LEAD SI T TAIL SI DOWN, D JG	RIG UP, WAREN CO. RE X BJ LURRY, RI LURRY	ATEI 500 AATIO P. I	D O _I DON RIG DON RIG EN X	3500 FI T/	RAC ANK
TIME HR:MIN. 15:00 10:00 11:55 13:05 13:19 14:14 14:19	N: TROUBLE PRESS PIPE 400	PRESSUR ANNULUS 0 0 0 0	E WG 8 OOL, RUNNING E/RATE DETAIL RATE BPM 5 4	BBIL FLUID PUMPED	PRIOR TO CEM FLUID TYPE WATER LEAD TAIL WATER WATER WATER	SAFETY ME TEST LINES CIRCULATII ARRIVE OF SAFETY ME TEST LINE BEFORE W FINISH LEA SLOW TO I SHUT DOW	RIVE ON LO EETING: B. ING WELL - IN LOCATION EETING S, START IVE TEST AD, START L, SHUT E BUMP PLU IVN AT DIS	DCATION, J CREW 4000 PSI RIG ON LEAD SI T TAIL SI DOWN, D JG SPLACME	RIG UP, WAREN CO. RE LURRY, RI LURRY ROP PLUC	ATEI 500 ATTO P. 2	D OI DON RIG N X PUMPS S	3500 FI T/	RAC ANK
TIME HR:MIN. 15:00 10:00 11:55 13:05 13:19 14:14	PRESS PIPE 400 15 10 160	PRESSUR ANNULUS 0 0 0 0	E WG 8 OOL, RUNNING E/RATE DETAIL RATE BPM 5 4 4	BBIL FLUID PUMPED	PRIOR TO CEM FLUID TYPE WATER LEAD TAIL WATER	SAFETY ME TEST LINES CIRCULATII ARRIVE OI SAFETY M TEST LINE BEFORE W FINISH LEA FINISH TAI SLOW TO I SHUT DOW BLEED OF	RIVE ON LO EETING: B. ING WELL - IN LOCATION EETING S, START I/E TEST AD, START L, SHUT E BUMP PLU I/N AT DIS ET 1 RECIV	DCATION, J CREW 4000 PSI RIG ON LEAD SI T TAIL SI DOWN, D JG SPLACME	RIG UP, WAREN CO. RE LURRY, RI LURRY ROP PLUC	ATEI 500 ATTO P. 2	D OI DON RIG N X PUMPS S	3500 FI T/	RAC ANK
TIME HR:MIN. 15:00 10:00 11:55 13:05 13:19 14:14 14:19	PRESS PIPE 400 15 10 160	PRESSUR ANNULUS 0 0 0 0	E WG 8 OOL, RUNNING E/RATE DETAIL RATE BPM 5 4 4	BBIL FLUID PUMPED	PRIOR TO CEM FLUID TYPE WATER LEAD TAIL WATER WATER WATER	SAFETY ME TEST LINES CIRCULATII ARRIVE OI SAFETY M TEST LINE BEFORE W FINISH LEA FINISH TAI SLOW TO I SHUT DOW BLEED OF	RIVE ON LO EETING: B. N G WELL - N LOCATIO EETING S, START //E TEST AD, START L, SHUT E BUMP PLU //N AT DIS F 1 RECIV DLDING	DCATION, J CREW 4000 PSI RIG ON LEAD SI T TAIL SI DOWN, D JG GPLACME	RIG UP, WARE EXPLANA CO. RE X BJ LURRY, RI LURRY ROP PLUC	ATEI 500 ATTO P. 2	D OI DON RIG N X PUMPS S	3500 FI T/	RAC ANK
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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/

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

June 19, 2012

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

Re: ACO1 API 15-077-21792-00-00 Davis 3407 27-1 SW/4 Sec.27-34S-07W Harper 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