Confidentiality Requested:

CORRECTION #2

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1131157

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 Sect					
City: State: Zip:+	Feet from Teast / West Line of Section					
Contact Person:	Footages Calculated from Nearest Outside Section Corner:					
Phone: ()						
CONTRACTOR: License #	GPS Location: Lat:, Long:					
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)					
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84					
Purchaser:	County:					
	Lease Name: Well #:					
Designate Type of Completion:	Field Name:					
New Well Re-Entry Workover	Producing Formation:					
	Elevation: Ground: Kelly Bushing:					
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:					
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet					
CM (Coal Bed Methane)						
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No					
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 #:	Dewatering method used:					
Dual Completion Permit #:      SWD Permit #:	Lesstion of fluid diamond if hould offeite					
ENHR     Permit #:	Location of fluid disposal if hauled offsite:					
GSW Permit #:	Operator Name:					
	Lease Name: License #:					
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East _ West					
Recompletion Date Reached TD Recompletion Date Of 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:							

# CORRECTION #2

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 Taker (Attach Additional		Yes No		.og Formatic	on (Top), Depth an	p), Depth and Datum		
Samples Sent to Geo	,	Yes No	Nam	e		Тор	Datum	
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING Report all strings set-c	RECORD Ne		on, 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 Perce Additives	ent
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORD				
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives		
Protect Casing Plug Back TD Plug Off Zone								
Did you perform a hydrau	ulic fracturing treatment	on this well?		Yes	No (If No, ski	questions 2 an	d 3)	
		Iraulic fracturing treatment ex				question 3)		
Was the hydraulic fractur	ing treatment informatio	n submitted to the chemical o	disclosure registry?	Yes	No (If No, fill o	out Page Three o	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug			cture, Shot, Cement		Den	oth

		Specify 1 0	Jiage Of	Lacif Interval Feriorateu			(Annount and Kind	oi Maleriai Oseu)	Deptil
TUBING RECORD:	Siz	ze:	Set At:	Pac	ker At:	Liner F		No	
Date of First, Resumed	Product	ion, SWD or ENHF	۶.	Producing Method:	mping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas Mcf	Wat	ter	Bbls.	Gas-Oil Ratio	Gravity
			_						
DISPOSITI	ON OF C	GAS:		METHO	D OF COMPL	ETION:		PRODUCTION INTER	VAL:
Vented Solo	u 🗌 k	Used on Lease		Open Hole Perf. Dually (Submit A			Commingled (Submit ACO-4)		
(If vented, Su	bmit ACC	D-18.)		Other (Specify)			. ,		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Shell Gulf of Mexico Inc.
Well Name	PREISSER 2509 8-1
Doc ID	1131157

Tops

Name	Тор	Datum
Cherokee	3867	
Mississippi	3897	
Compton	3953	
Kinderhook	3966	
Woodford	4083	
Viola	4162	
Simpson Group	4249	
Simpson Shale	4269	
Arbuckle	4328	

SHELL GULF OF MEXICO, INC. (34574)	PREISSE	R 2509-8
PETE MARTIN DRILLING (34645)		
(SET THE CONDUCTOR)	1 SWD conductor	1 SWD Mouse Hole
Call in DATE OF SPUD	11/16/2012	
spud in date	11/18/12	11/23/2012
T.D date	11/23/2012	11/26/2012
Size Hole Drilled	30''	20"
Size Caseing Set (in O.D )	18"	20''
conductor wall thickness	250	
Weight Lbs./Ft.	47.76	
Setting Depth	60'	75'
	Type 1/2 portland cement	Type 1/2 portland cement
Type of Cement		
Cubic yards of cement	бсу	4су
2500 PSI Grout Mix	yes	yes
Type and Percent of Additives	15% fly ash	15% fly ash
Comments	0-28' Sand, 28-38' clay, 38-60' Sand. Water @ 22'	0-28' Sand, 28-38' clay, 38-60' Sand. Water @ 22'

#### **CEMENT JOB REPORT**



CUSTOMER							17-JAN	F.R	<b>R.#</b> 100	195824	0		SEI	RV. SUPV	• •	James Ki	rkpatrick		
EASE & WEI	L NAME					LOCA	LOCATION							COUNTY-PARISH-BLOCK					
PREISSER	2509 #8-1	- API	151552160500	000		8-2	8-25S-9W							Reno Kansas					
DISTRICT McAlester						DRILL	DRILLING CONTRACTOR RIG #							TYPE OF JOB Surface					
SIZE (	SIZE & TYPE OF PLUGS LIST-CSG					-CSG-H	SG-HARDWARE MECHANICAL BARRIERS						MD	TVD	HA	NGER 1	TYPES	MD	<u>TVD</u>
9-5/8" Top Ce	m Plug, I	Vitrile	cvr, Phe	No Sh	oe, Cu	ust Sup													
											Р	HYSIC/			OPE	RTIES	I		I
																PUMP			
MATERIAI	MATERIALS FURNISHED BY BJ					LAB RE	PORT NO.	SACKS OF CEMEN	V	LURRY NGT PPG	SLU YL F1		WATER GPS		TIME HR:MIN	Bb SLURF		Bbi MIX WATER	
Classc0.01%	staticfree	2%ca	icl20.25ppsc	elloflak	e				1(	00	14.8		1.35	6.3	34	02:45		25	15.7
H2O											8.34						3	5.5	
H2O											8.34							20	
Available Mi	x Water_		100		Bb	ol. Av	ailable D	ispl. Fluid	;	300	B	bl.		тс	TAL	L	8	0.5	15.7
	HOLE							TBG-CSG-	D.P.						C	COLLAR	DEPTH	s	
SIZE	% EXC	SS	DEPTH	ID		OD	WGT.	TYP	E	MD	TVD	GRAD	)E	SHOE			.OAT		STAGE
12.25			510	8.9	21	9.625		CSG		503	503	J-55			503		458		
		SING TYPE	MD		_	-	MT RET-I	BR PL-LINE			DEPTH		-	CONN	-	V TYPE	VELL FL	UID	WGT.
ID OD 1 18. 18	47.				60	DRANI			EPTH 1	OP	BTM		.625				BASED N	1U	<b>WGI</b> . 8.9
DISPL. VO				PL. FLU			CAL. PSI	CAL. MAX		. MAX	M				MAX	X CSG P	<b>C</b> I		MIX
VOLUME			TYPE		WG		JMP PLU	-		. MAA . PSI	RATE		perat				perator	<b>ا</b>	WATER
						3.34	200						porat				1525	RIG	<u>.</u>
255								)							281	15	1525	ING	,
35.5	BBLS	H2O	)		ξ	5.34	200												
35.5	BBLS	H2C				5.34	200												
35.5 EXPLANATIO				OL, RU					IENTING:	NO PR	ROBLEM	IS							
		BLES	ETTING TO		INNING	G CSG,			IENTING:	NO PR	OBLEM	IS							
EXPLANATIO	N: TROU	BLES	ETTING TO	RATE		G CSG,	ETC. PRI	OR TO CEM						EXPLANA					
	N: TROU	BLE S	ETTING TO PRESSURE/ E - PSI	RATE		G CSG,	ETC. PRI		SAFET	MEET	ING: B	J CREV	/ X	EXPLANA CO. REP					
EXPLANATIO	N: TROU	BLE S	ETTING TO	RATE		G CSG, IL   Bbl. F	ETC. PRI	OR TO CEM		MEET	ING: B	J CREV 2500 F	/ X						
EXPLANATIO	N: TROU PRE PIPE	BLE S	ETTING TO PRESSURE/ E - PSI	RATE		G CSG, IL   Bbl. F	ETC. PRI	OR TO CEM	SAFET TEST LI CIRCUL	MEET NES ATING	TING: B	J CREV 2500 F - RIG	V X PSI X	CO. REP	». X	K	)		
TIME HR:MIN.	N: TROUI	BLE S	ETTING TO PRESSURE/ E - PSI	RATE		3 CSG, IL Bbl. F PUM	ETC. PRI	OR TO CEN FLUID TYPE	SAFET TEST LI CIRCUL TEST PL	MEET NES ATING JMPS /	TING: B	J CREV 2500 F - RIG IES, ST	V X SI X ART H	CO. REP BJ	. X	K	)		
TIME HR:MIN. 22:10	N: TROUI PRE PIPE 36	BLE S	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE PM	G CSG,	ETC. PRI	OR TO CEM FLUID TYPE	SAFET TEST LI CIRCUL TEST PU PUMP H	/ Meet Nes Ating JMPS / 20 AH 5 BBL (	TING: B WELL - AND LIN EAD, ST CEMENT	J CREV 2500 F - RIG IES, ST TART C T, SHU	Y X YSI X ART H EMEN	CO. REP BJ 120 SPA0 17 @ 14.8 VN, RECI	P. X		OGGED	),	
TIME HR:MIN. 22:10 22:15	N: TROUI PRE PIPE 36	BLE S SSUR	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE PM 3.4	G CSG,	ETC. PRI	FLUID TYPE 120 120	SAFET TEST LI CIRCUL TEST PU PUMP H	/ Meet Nes Ating JMPS / 20 AH 5 BBL (	TING: B WELL - AND LIN EAD, ST CEMENT	J CREV 2500 F - RIG IES, ST TART C T, SHU	Y X YSI X ART H EMEN	CO. REP BJ H2O SPA( NT @ 14.8	P. X		OGGED	),	
TIME HR:MIN. 22:10 22:15	N: TROUI	BLE S SSUR	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE M 3.4 3.3	3 CSG, IL Bbl. F PUM	ETC. PRIC	FLUID TYPE 120 120	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1	7 MEET NES ATING JMPS / 20 AH 5 BBL ( 0 GET	WELL - AND LIN EAD, ST CEMENT F IT UNC	J CREV 2500 F - RIG IES, ST TART C T, SHU CLOGG	V X VSI ART H EMEN F DOW ED, S	CO. REP BJ 120 SPA0 17 @ 14.8 VN, RECI	P. X CER 3# RC I CK (	AHEAD	.OGGED 1/ENT	·	
<b>TIME</b> <b>HR:MIN.</b> 22:10 22:15 22:25 22:40	N: TROUI	BLE S SSUR 20 110	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE M 3.4 3.3 2.5	3 CSG, IL Bbl. F PUM	ETC. PRI PED   20   15   C 25   C	OR TO CEN FLUID TYPE -20 -20 CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1	MEET NES ATING JMPS / 20 AH 5 BBL ( 6 GET 225 BE 70 UNC	TING: B. WELL - AND LIN EAD, ST CEMENT F IT UNC BL CEME CLOG LI	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SI NE	V X SI ART F EMEN F DOV ED, S HUT D	CO. REP BJ H2O SPAC JT @ 14.8 WN, RECI TART BA	P. A	AHEAD	OGGED IENT CLOGG	ED,	
TIME HR:MIN. 22:10 22:15 22:25	N: TROUI	BLE S SSUR	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE M 3.4 3.3	3 CSG, IL Bbl. F PUM	ETC. PRI PED   20   15   C 25   C	FLUID TYPE 120 120 CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 PUMP @ WORK 1	MEET NES ATING JMPS / 20 AH 5 BBL ( 70 GET 2 25 BE 70 UNC 6 LINE,	TING: B. WELL - AND LIN EAD, ST CEMENT F IT UNC BL CEME CLOG LI , TRY TC	J CREV 2500 F - RIG IES, ST IART C T, SHU CLOGG ENT, SF NE O STAF	V X VSI ART H EMEN F DOV ED, S HUT D	CO. REP BJ H2O SPAG JT @ 14.8 WN, RECI TART BA DOWN, RE		AHEAD AHEAD UINE CL ON CEM RC LINE REATOF	.OGGED IENT CLOGG	ED, EM	
<b>TIME</b> <b>HR:MIN.</b> 22:10 22:15 22:25 22:40	N: TROUI	BLE S SSUR 20 110	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE M 3.4 3.3 2.5	3 CSG, IL Bbl. F PUM	ETC. PRI PED   20   15   C 25   C	OR TO CEN FLUID TYPE -20 -20 CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK T WORK T UNCLOO FOR TU	MEET NES ATING JMPS / 20 AH 5 BBL ( 70 GET 225 BE 0 UNC 6 LINE, 3 CAU	TING: B. WELL - AND LIN EAD, ST CEMENT F IT UNC BL CEME CLOG LI , TRY TC SING PF	J CREV 2500 F - RIG IES, ST IART C T, SHU CLOGG ENT, SI NE O STAF ROBLE	V X VSI ART H EMEN F DOW ED, S HUT D RT CEI WS W	CO. REP BJ H2O SPAC JT @ 14.8 WN, RECI TART BA	D. X CER # RCI CK ( ECIR E-AII	AHEAD LINE CL ON CEM RC LINE REATOM	OGGED IENT CLOGG R SYSTE	ED, EM	
<b>TIME</b> <b>HR:MIN.</b> 22:10 22:15 22:25 22:40	N: TROUI	BLE S SSUR 20 110	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE M 3.4 3.3 2.5	3 CSG, IL Bbl. F PUM	ETC. PRI PED   20   15   C 25   C	OR TO CEN FLUID TYPE -20 -20 CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK T WORK T UNCLOO FOR TU	MEET NES ATING JMPS / 20 AH 5 BBL ( 5 BBL ( 5 BBL ( 70 GET 2 25 BE 0 UN( 6 LINE, 3 CAUS 2 OWN T	WELL - AND LIN EAD, ST CEMENT FIT UNC BL CEME CLOG LI , TRY TO SING PF RY TO	J CREV 2500 F - RIG IES, ST IART C T, SHU CLOGG ENT, SI NE O STAF ROBLE	V X VSI ART H EMEN F DOW ED, S HUT D RT CEI WS W	CO. REP BJ H2O SPAC ST @ 14.8 WN, RECI TART BA DOWN, RE DOWN, RE MENT, DE	D. X CER # RCI CK ( ECIR E-AII	AHEAD LINE CL ON CEM RC LINE REATOM	OGGED IENT CLOGG R SYSTE	ED, EM	
<b>TIME</b> <b>HR:MIN.</b> 22:10 22:15 22:25 22:40	N: TROUI	BLE S SSUR 20 110	ETTING TO PRESSURE/ E - PSI	RATE	DETAI DETAI TE M 3.4 3.3 2.5	3 CSG, IL Bbl. F PUM	ETC. PRI PED   20   15   C 25   C	OR TO CEN FLUID TYPE -20 -20 CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOO FOR TU SHUT D PUMPIN DECISIO	MEET NES ATING JMPS / 20 AH 5 BBL ( 70 GET 20 UNC 6 DUNC 6 LINE, 3 CAUS 0 WN T 6 CEN 0 WAS	WELL - AND LIN EAD, ST CEMENT T IT UNC BL CEMENT T IT UNC BL CEMENT SING PF RY TO 1 IENT S MADE	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SI NE O STAF ROBLE CLEAN	V X SI ART H EMEN F DOV ED, S HUT D KT CEI WS W LINE	CO. REP BJ H2O SPAC ST @ 14.8 WN, RECI TART BA DOWN, RE DOWN, RE MENT, DE	P. A	AHEAD AHEAD ON CEM RC LINE REATOR MENT DI T GO BA	OGGED IENT CLOGG R SYSTE ELIVERY ACK TO	ED, EM (,	
<b>EXPLANATIO</b> <b>TIME</b> <b>HR:MIN.</b> 22:10 22:15 22:25 22:25 22:40 23:15 00:10	N: TROU	BLE S SSUR 20 310 45	ETTING TO PRESSURE/ E - PSI	RATE	NNING DETAI TE PM 3.4 3.3 2.5 4	3 CSG,      Bbl. F   PUM     	ETC. PRI PED   20   15   C   25   C	OR TO CEN FLUID TYPE -120 -120 CEMENT CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOO FOR TU SHUT D PUMPIN DECISIC CEMEN	MEET NES ATING JMPS / 20 AH 5 BBL ( 70 GET 70 UNC 6 LINE, 3 CAUS 70 UNC 6 CEM 70 S	WELL - AND LIN EAD, ST CEMENT F IT UNC BL CEMENT F IT UNC BL CEMENT SING PF TRY TO 1 ENT S MADE URFACE	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SH NE O STAF ROBLE CLEAN	V X SI X ART I EMEN F DOV ED, S HUT D KT CEI WS W LINE COP P	CO. REP BJ H2O SPAC TI @ 14.8 WN, RECI TART BA WOWN, RE MENT, DE ITH DRY . COULD	P. A	AHEAD AHEAD ON CEM RC LINE REATOR MENT DI T GO BA	OGGED IENT CLOGG R SYSTE ELIVERY ACK TO	ED, EM (,	
EXPLANATIO TIME HR:MIN. 22:10 22:15 22:25 22:40 23:15 00:10 00:15	N: TROUI	BLE S SSUR 375 20 310 45 300 50	ETTING TO PRESSURE/ E - PSI	RATE	Inning           DETAI           TE           PM           3.4           3.3           2.5           4           33	3 CSG, IL Bbl. F PUM 	ETC. PRI PED PED 20 F 15 C 25 C 25 C	FLUID TYPE 120 120 CEMENT CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOC FOR TU SHUT D PUMPIN DECISIC CEMEN PLUG A	MEET NES ATING JMPS / 20 AH 5 BBL ( 0 GET 0 UNC 6 BBL ( 0 GET 0 UNC 6 LINE, 3 CAUS 0 WN T G CEW 9 CEW	TING: B. WELL - AND LIN EAD, ST CEMENT F IT UNC BL CEMENT SING PF RY TO ( SING PF) RY TO ( SINO	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SH NE O STAF ROBLE CLEAN TO DF E ISPLAC	V X SI XART H EMEN F DOV ED, S HUT D RT CEL MS W LINE COP P	CO. REP BJ H2O SPAC T @ 14.8 WN, RECI TART BA DOWN, RE MENT, DE ITH DRY . COULD	CER RCI CCR ECIR E-AII CEN NOT	AHEAD AHEAD ON CEM RC LINE REATOF MENT DI T GO BA	OGGED IENT CLOGG R SYSTE ELIVER ACK TO IRCULA	ED, EM (,	
<b>EXPLANATIO</b> <b>TIME</b> <b>HR:MIN.</b> 22:10 22:15 22:25 22:25 22:40 23:15 00:10	N: TROUI	BLE S SSUR 20 310 45	ETTING TO PRESSURE/ E - PSI	RATE	NNING DETAI TE PM 3.4 3.3 2.5 4	3 CSG, IL Bbl. F PUM 	ETC. PRI PED   20   15   C   25   C	FLUID TYPE 120 120 CEMENT CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOC FOR TU SHUT D PUMPIN DECISIC CEMEN PLUG A	MEET NES ATING JMPS / 20 AH 5 BBL ( 70 GET 70 UNC 6 BBL ( 70 GET 70 UNC 6 LINE, 3 CAUS 70 UNC 6 CEM 70 UNC 6 CEM 70 STAC 70 ST	WELL - AND LIN EAD, ST CEMENT FIT UNC BL CEMENT SING PF RY TO ( SING PF) RY TO ( SING PF)	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SH NE O STAF ROBLE CLEAN TO DF ISPLAC T, BUM	V X SI XARTH EMEN F DOV ED, S HUT D RT CEI MS W LINE COP P EEMEI P PLL	CO. REP BJ H2O SPAC VIT @ 14.8 VIN, RECI TART BA WOWN, RE MENT, DE ITH DRY . COULD LUG ANE VIT JG, HOLD	CER RCI CCR ECIR E-AII CEN NOT	AHEAD AHEAD ON CEM RC LINE REATOF MENT DI T GO BA	OGGED IENT CLOGG R SYSTE ELIVER ACK TO IRCULA	ED, EM (,	
XPLANATIO TIME HR:MIN. 22:10 22:15 22:25 22:40 23:15 00:10 00:15	N: TROUI	BLE S SSUR 375 20 310 45 300 50	ETTING TO PRESSURE/ E - PSI	RATE	Inning           DETAI           TE           PM           3.4           3.3           2.5           4           33	3 CSG, IL Bbl. F PUM 	ETC. PRI PED PED 20 F 15 C 25 C 25 C	FLUID TYPE 120 120 CEMENT CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOO FOR TU SHUT D PUMPIN DECISIC CEMEN PLUG A PUMP D BLEED F NO CEW	MEET NES ATING JMPS / 20 AH 5 BBL ( 0 GET 2 25 BE 0 UNC 5 LINE, 3 CAU 3 CAU 6 LINE, 3 CAU 6 CEM 5 CAU 7 O SI 7 O S	TING: B. WELL - AND LIN EAD, ST CEMENT FIT UNC BL CEMENT SING PF RY TO ( IENT SING PF RY TO ( IENT) SING PF SING PF RY TO ( IENT) SING PF RY TO ( IENT) SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN SI	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SH NE O STAF ROBLE CLEAN TO DF ISPLAC T, BUM F, FLC S TO S	V X SI X ART H EMEN F DOV ED, S HUT C EME COP P EME COP P EME COP P EME COP P LURE COP P LURE COP P LURE COP P LURE COP P COP COP COP COP COP COP COP COP COP COP	CO. REP BJ H2O SPAC VIT @ 14.8 VIN, RECI TART BA WOWN, RE MENT, DE ITH DRY . COULD LUG ANE VIT JG, HOLD	CER CER CER CCK ( CCK ( C	AHEAD AHEAD ON CEM RC LINE REATOF MENT DI T GO BA	OGGEE IENT CLOGG R SYSTE ELIVER ACK TO IRCULA	ED, EM (, TE	
<b>XPLANATIO TIME HR:MIN.</b> 22:10         22:15         22:25         22:40         23:15         00:10         00:15         00:30	N: TROUI	BLE S SSUR 775   20   310   445   300   50   50	ETTING TO PRESSURE/ E - PSI	RATE	NNING DETAI TE PM 3.4 3.3 2.5 4 4 3.3 3 3 3	3 CSG, Bbl. F PUM                   	ETC. PRI PED   	OR TO CEN FLUID TYPE 120 120 120 CEMENT CEMENT CEMENT 120 120 120	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOC FOR TU SHUT D PUMPIN DECISIC CEMEN PLUG A PLUG A PUMP D BLEED F NO CEM TO DO 1	MEET NES ATING JMPS / 20 AH 5 BBL ( 0 GET 2 25 BE 0 UNC 5 LINE, 3 CAU 3 CAU 6 LINE, 3 CAU 6 CW 10 S 10 UNC 6 CW 10 S 10 S 10 S 10 S 10 S 10 S 10 S 10 S	TING: B. WELL - AND LIN EAD, ST CEMENT FIT UNC BL CEMENT SING PF RY TO ( SING PF) SING PF RY TO ( SING PF) SING PF RY TO ( SING PF) SING PF RY TO ( SING PF) SING PF SING PF S	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SHU CLOGG ENT, SHU CLEAN TO DF E ISPLAC T, BUM F, FLC S TO S ENT JC	V X SI X ART H EMEN F DOV ED, S HUT C EMS W LINE COP P EMEI P PLL AT HC URFA B	CO. REP BJ H2O SPAC T @ 14.8 WN, RECI TART BA WWN, RE MENT, DE ITH DRY . COULD LUG ANE LUG ANE LUG ANE LUG ANE LUG ANE LUG ANE LUG ANE	P. P. C.	AHEAD AHEAD ON CEM RC LINE REATOF MENT DI T GO BA R 10 MII	OGGEE IENT CLOGG R SYSTE ELIVER ACK TO IRCULA NUTES, WAS MA	ED, EM (, TE	
EXPLANATIO TIME HR:MIN. 22:10 22:15 22:25 22:40 23:15 00:10 00:15	N: TROUI	BLE S SSUR 375 20 310 45 300 50	ETTING TO PRESSURE/ E - PSI	RATE	Inning           DETAI           TE           PM           3.4           3.3           2.5           4           33	3 CSG, Bbl. F PUM                   	ETC. PRI PED   	FLUID TYPE 120 120 CEMENT CEMENT CEMENT	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOO FOR TU SHUT D PUMPIN DECISIC CEMEN PLUG A PLUG A PLUG CEMEN PLUG A NO CEM TO DO 1 RIG UP PUMPEL @ 85', 1	MEET NES ATING JMPS / 20 AH 5 BBL ( 70 GET 6 DUNC 6 LINE, 3 CAUS 7 OUNC 6 CEM 7 OUNC 6 CEM 7 OUNC 6 CEM 7 OUNC 7 CAUS 7 OP OL 7 OP OL	TING: B. WELL - AND LIN EAD, ST CEMENT T TUNC BL CEMENT S MADE URFACE PUMP D CEMENT URFACE PUMP D CEMENT URE OF ETURNS JT CEMI OP OUT CULATE	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SHU CLOGG ENT, SHU CLEAN TO DF E ISPLAC T, BUM F, FLC S TO S ENT JC TAND F C	V X SI X ART H EMEN F DOV ED, S HUT C ED, S HUT C RT CEI VS W LINE COP P EMEI P PLU AT HC URFA B UMP TAGE	CO. REP BJ H2O SPAC T @ 14.8 WN, RECI TART BA WWN, RE MENT, DE ITH DRY . COULD LUG ANE ITH ORY . COULD LUG ANE		AHEAD AHEAD ON CEM RC LINE REATOF MENT DI T GO BA RY TO CI R 10 MII CISION V EMENT, T FROM	OGGEL IENT CLOGG R SYSTE ELIVER ACK TO IRCULA NUTES, WAS MA 10 BBL SURFA	ED, EM (, TE	
EXPLANATIO TIME HR:MIN. 22:10 22:15 22:25 22:40 23:15 00:10 00:15 00:30	N: TROUI	BLE S SSUR 775   20   310   445   300   50   50	ETTING TO PRESSURE/ E - PSI	RATE	NNING DETAI TE PM 3.4 3.3 2.5 4 4 3.3 3 3 3	3 CSG, Bbl. F PUM                   	ETC. PRI PED   	OR TO CEN FLUID TYPE 120 120 120 CEMENT CEMENT CEMENT 120 120 120	SAFET TEST LI CIRCUL TEST PL PUMP H PUMP 1 WORK 1 WORK 1 UNCLOO FOR TU SHUT D PUMPIN DECISIC CEMEN PLUG A PLUG A PLUG CEMEN PLUG A NO CEM TO DO 1 RIG UP PUMPEL @ 85', 1 SURFAC	MEET NES ATING JMPS / 20 AH 5 BBL ( 70 GET 6 DUNC 6 LINE, 3 CAUS 70 UNC 6 CEM 70 SI 70 SI	WELL - AND LIN EAD, ST CEMENT FIT UNC BL CEMENT FIT UNC BL CEMENT S MADE URFACE PUMP D CEMENT URE OF ETURNS JT CEMI OP OUT CULATE PUMPED	J CREV 2500 F - RIG IES, ST FART C T, SHU CLOGG ENT, SHU CLOGG ENT, SHU CLEAN TO DF E ISPLAC T, BUM F, FLC S TO S ENT JC TAND F C TO A	V X SI X ART H EMEN F DOV ED, S HUT C RT CEL MS W LINE COP P CHIEN COP P LURFA B CHIEN CHIEN	CO. REP BJ H2O SPAC VN, RECL TART BA WWN, RE MENT, DE ITH DRY COULD LUG ANE VT JG, HOLD DLDING CE, THE TOP OUT E OF CEW		AHEAD AHEAD ON CEM RC LINE REATOF MENT DI T GO BA RY TO CI R 10 MII CISION V EMENT, T FROM RETURN	OGGEL IENT CLOGG R SYSTE ELIVER ACK TO IRCULA NUTES, WAS MA NUTES, SURFA IO BBL SURFA IS TO	ED, EM (, TE	



		PRESSURE	/RATE DETAIL	-			EXPLANATION
TIME	PRESSU	IRE - PSI	RATE	Bbl. FLUID	FLUID	SAFETY ME	ETING: BJ CREW X CO. REP. X
IR:MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES	2500 <b>PSI</b>
						CIRCULATIN	IG WELL - RIG X BJ
	PSI TO	TEST	BBL.CMT	TOTAL	PSI	SPOT	SERVICE SUPERVISOR SIGNATURE:
BUMPED PLUG	BUMP PLUG	FLOAT EQUIP.	RETURNS/ REVERSED	BBL. PUMPED	LEFT ON CSG	TOP OUT CEMENT	
	150	YN	7	80.5	0	Y N	

#### **CEMENT JOB REPORT**



CUSTOMER	SHELL	WEST	ERN E a	& P INC	)		DATE	25-JA	N-13	F.R. #	1001960	479		SERV. S	50F V.	Justin D	Stamper		
LEASE & WE PREISSEF			151552	2160500	000		<b>LOCA</b> 8-2	TION 25S-9W							Y-PARIS Kansas	SH-BLOC	K		
DISTRICT McAlester								ING CO	ONTRACT	OR RIG #	ł			TYPE O Intern	F JOB nediate				
SIZE	& TYPE	OF PL	UGS			LIST-C	SG-HA	ARDWA	RE	ME	CHANIC/	AL BARRIE	ERS N	ID TV	/D   H	IANGER <sup>-</sup>	TYPES	MC	) <u>tvd</u>
7" Top Cem	Plug, Nit	ile cvr	r, Phen		Shoe F	PROVII	DED BY	Y CUST	OMER										
										-		Р	HYSICAL	SLURR	Y PROP	PERTIES			•
MATERI	MATERIALS FURNISHED BY BJ						LAB R	EPORT N		CKS DF MENT	SLURRY WGT PPG	SLURF YLD FT		ATER SPS	PUMP TIME HR:MIN	Bb SLURF		Bbi MIX WATER	
SEAL BON	D											8.43						40	
15:85:8(PO		+10%	SALT+	.5%SN	NS+4PF	PS KOL	S				225	12.4	2.4	45	13.51		3	316	232.9
50:50:2(PO											95	14.2	1.3	-	5.66			22	12.0
WATER	_, _, _,,											8.34			0.00		1	170	12.0
Available M	lix Water		į	500		Bbl	. Av	ailable	Displ. Flu	id	500		bl.		тот	АL		548	245.5
	HOLI								TBG-CS	-					.01/				_ 10.0
SIZE	% EX0		DE	PTH	ID	(	OD	WGT.		YPE	MD	TVD	GRADE	s	SHOE		LOAT		STAGE
8.75				4360	6.36	66	7	2	3 CSG		4343	4343	L-80		434	3	4310		
	LAST CA	SING					PKR-CI	MT RE	F-BR PL-L	INER	PER	F. DEPTH	1	ГОР СО	NN		NELL FL	UID	
ID         OD           8.9         9.625	<b>WGT</b> 36	TYPE	E	<b>MD</b> 50		<b>)</b>	BRAND	0 & TYF	ΡE	DEPTH	<b>TOP</b> 4600	<b>BTN</b> 0 460		7 8RD		TYPE WATER E	BASED N	1U	WGT. g
DISPL. VO				ופוס	PL. FLU	חוו		AL. PS		MAX PSI	OP. MA	X M	AX TBG P					MIX	
DIGFL. V				DIGI		10	U U		. 0/12.		OP. MA			51	1417		-		
VOLUME				TYPE		WGT		JMP PL		REV.	SQ. PS			erator	RATE		perator	1 '	WATER
	UON		TER			WGT			UG TO	-					RATE		perator 2500	FR/ TAN	WATER AC
<b>VOLUME</b> 170.1	BBLS	WA		TYPE		<b>WG1</b> 8.	т. ви 34	IMP PL 80	<b>UG ТО</b> 00	REV.	SQ. PS	I RATI	ED Ope	erator	RATE 5	ED O 160	2500	FR/	WATER AC
<b>VOLUME</b> 170.1	BBLS	WA	SETTIN	TYPE		WGT 8. NNING	. ВU 34 СSG, Е	IMP PL 80	<b>UG ТО</b> 00	REV.	SQ. PS	I RATI	ED Ope	, RIG UF	RATE 5	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO	UOM BBLS DN: TRO	WA JBLE	SETTIN	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL	CSG, E Bbl. F	IMP PL 80 ETC. PP	UG TO 00 RIOR TO C	REV.	SQ. PS		ED Ope	, RIG UF EXPL X CO	RATE 5 P, SAFE	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO	UOM BBLS DN: TRO	JBLE SSU	SETTIN	TYPE	OL, RU /RATE I	WG1 8. NNING DETAIL	. ВU 34 СSG, Е	IMP PL 80 ETC. PP	UG TO DO RIOR TO C	REV.	SQ. PS	RIVE ON LO	ED Ope DCATION J CREW [ 4500 PSI	, RIG UF EXPL X CO	RATE 5 P, SAFE _ANATIO . REP.	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN.	UOM BBLS DN: TRO	JBLE SSU	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL	CSG, E Bbl. F	IMP PL 80 ETC. PP	UG TO 00 RIOR TO C	REV. EMENTIN SAF TES CIR(	SQ. PS	RIVE ON LO	DCATION	, RIG UF EXPL X CO	<b>RATE</b> 5 <b>P, SAFE</b>	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30	UOM BBLS DN: TRO	JBLE SSU	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL	CSG, E Bbl. F	IMP PL 80 ETC. PP	UG TO 00 RIOR TO C	REV. EMENTIN SAF TES CIR( ARR	SQ. PS	RIVE ON LO ETING: B IG WELL - LOCATION	DCATION	, RIG UF EXPL X CO	RATE 5 P, SAFE _ANATIO . REP.	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30	UOM BBLS DN: TRO		SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL	CSG, E Bbl. F	IMP PL 80 ETC. PP	UG TO 20 RIOR TO C FLUID TYPE	REV. EMENTIN SAF TES CIRO ARR SAFI	SQ. PS	RIVE ON LO ETING: B IG WELL LOCATION ETING	ED Ope OCATION J CREW [ 4500 PSI - RIG N	, RIG UF EXPL X CO	RATE 5 P, SAFE _ANATIO . REP.	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30	UON BBLS DN: TROI		SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL	CSG, E Bbl. F	IMP PL 80 ETC. PP	UG TO 20 RIOR TO C FLUID TYPE SEAL BC	REV. CEMENTIN SAF TES CIRC ARR SAFT DN SEA	SQ. PS	ETING: B COCATION ETING ETING ETING PUMPED	ED Ope	, RIG UF EXPL X CO X	RATE 5 P, SAFE _ANATIO . REP.	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30	UON BBLS DN: TROI		SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL	CSG, E Bbl. F	ETC. PP	UG TO 20 RIOR TO C FLUID TYPE	REV. EMENTIF TES CIRC ARR SAFF DN SEAL TES	SQ. PS	RIVE ON LO ETING: B IG WELL LOCATION ETING	ED Ope DCATION J CREW 4500 PSI - RIG BY RIG EAD SLUI	, RIG UF EXPL X CO X	RATE 5 P, SAFE _ANATIO . REP.	ED 0 160 TY MEET	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 11:30	UON BBLS DN: TROI	UVA JBLE ESSUI 200 500	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL PM	CSG, E Bbl. F	ETC. PP	UG TO DO RIOR TO C FLUID TYPE SEAL BO WATER	REV. EEMENTIN SAF TES CIRC ARR SAFI DN SEAN TES FINIS	SQ. PS	ETING: B B B B B B B B B B B B B B B B B B B	ED Ope DCATION J CREW 4500 PSI RIG BY RIG EAD SLUI TAIL	, RIG UF EXPL X CO X RRY	RATE 5 P, SAFE ANATIO . REP. BJ	ED         O           160	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 10:30 11:30 12:53	UON BBLS DN: TROI	WA           JBLE           ESSUI           1           200           200           200	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL PM	CSG, E Bbl. F	ETC. PP	UG TO DO RIOR TO C FLUID TYPE SEAL BC WATER LEAD	REV. EEMENTIN SAF TES CIRC ARR SAFI VN SEA TES FINIS FINIS	SQ. PS	ETING: BARING: BARING: BARING: BARING: BARING: START LID, START 1	ED Ope DCATION J CREW [ 4500 PSI - RIG N BY RIG EAD SLUI TAIL DWN, DRO	, RIG UF EXPL X CO X RRY	RATE 5 P, SAFE ANATIO . REP. BJ	ED         O           160	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 10:30 11:30 12:53 13:00	UON BBLS DN: TROI	UBLE = = = = = = = = = = = = = = = = = = =	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL FE M 5 3	CSG, E Bbl. F	ETC. PP	UG TO DO RIOR TO C FLUID TYPE SEAL BC WATER LEAD TAIL	REV. EEMENTIN SAF TES CIRC ARR SAFI DN SEAI TES' FINIS FINIS SLO'	SQ. PS	ETING: BATI	ED Ope DCATION J CREW [ 4500 PSI - RIG N BY RIG EAD SLUI TAIL DWN, DRO ETURNS	RIG UF EXPL X CO X RRY	RATE 5 P, SAFE ANATIO . REP. BJ	ED         O           160	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 10:30 11:30 11:30 11:30 11:30 11:32	UON BBLS DN: TROI	UBLE ESSUI 2000 2000 2000 2000	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL FE M 5 3 4	CSG, E Bbl. F	IMP PL 80 ETC. PF ETC. PF ELUID PED 316 22 70	UG TO DO RIOR TO C FLUID TYPE SEAL BC WATER LEAD TAIL WATER	REV. EEMENTIN SAF TES CIRC ARR SAFP N SEAL TES FINIS FINIS SLOU BUM	SQ. PS	RIVE ON LO RIVE ON LO ETING: B IG WELL DCATION ETING PUMPED START L SHUT DC DSS OF R	ED Ope DCATION J CREW [ 4500 PS] - RIG N BY RIG EAD SLUI TAIL DWN, DRO ETURNS RE TO 14	RIG UF EXPL X CO X RRY DP PLUC	RATE 5 P, SAFE ANATIC . REP. BJ G, DISF	ED         O           160	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 10:30 11:30 11:30 11:30 11:30 11:24 13:24 14:03	UON BBLS DN: TROI	UNA UBLE U	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL FE M 5 3 4	CSG, E Bbl. F	IMP PL 80 ETC. PF ETC. PF ELUID PED 316 22 70	UG TO DO RIOR TO C FLUID TYPE SEAL BC WATER LEAD TAIL WATER	REV. EMENTIN SAF TES CIRC ARR SAFI DN SEAN TES FINIS FINIS SLO BUM BLEF	SQ. PS	ETING: B ETING: B IG WELL LOCATION ETING PUMPED START LI D, START LI D, START C SHUT DC DSS OF RI , PRESSU RECIVED	ED Ope DCATION J CREW [ 4500 PS] - RIG N BY RIG EAD SLUI TAIL DWN, DRO ETURNS RE TO 14	RIG UF EXPL X CO X RRY DP PLUC	RATE 5 P, SAFE ANATIC . REP. BJ G, DISF	ED         O           160	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 10:30 11:30 11:30 11:30 11:30 11:23 13:00 13:24 14:03	UON BBLS DN: TROI	UNA UBLE U	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL FE M 5 3 4	CSG, E Bbl. F	IMP PL 80 ETC. PF ETC. PF ELUID PED 316 22 70	UG TO DO RIOR TO C FLUID TYPE SEAL BC WATER LEAD TAIL WATER	REV. EMENTIN SAF TES CIRC ARR SAFI SAFI SION SEAN TES SIO SLO BUM BLER FLO/ THAI	SQ. PS	ETING: BATI	ED Ope DCATION J CREW 4500 PSI RIG N BY RIG EAD SLUI TAIL DWN, DRC ETURNS RE TO 14 1.5 BBLS VG BHI	RIG UF EXPL X CO X RRY DP PLUC	RATE 5 P, SAFE ANATIC . REP. BJ G, DISF	ED         O           160	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 10:30 11:30 11:30 11:30 11:30 11:23 13:00 13:24 14:03	UON BBLS DN: TROI	UNA UBLE U	SETTIN PRES RE - PS	TYPE	OL, RU RATE I	WG1 8. NNING DETAIL FE M 5 3 4	CSG, E Bbl. F	IMP PL 80 ETC. PF ETC. PF ELUID PED 316 22 70	UG TO DO RIOR TO C FLUID TYPE SEAL BC WATER LEAD TAIL WATER	REV. EMENTIN SAF TES CIRC ARR SAFI SAFI SION SEAN TES SIO SLO BUM BLER FLO/ THAI	SQ. PS	ETING: B ETING: B IG WELL LOCATION ETING PUMPED START L D, START L	ED Ope DCATION J CREW 4500 PSI RIG N BY RIG EAD SLUI TAIL DWN, DRC ETURNS RE TO 14 1.5 BBLS VG BHI	RIG UF EXPL X CO X RRY DP PLUC	RATE 5 P, SAFE ANATIC . REP. BJ G, DISF	ED         O           160	2500	FR/	WATER AC
VOLUME 170.1 EXPLANATIO TIME HR:MIN. 08:30 10:30 10:30 10:30 11:30 11:30 11:30 11:30 11:23 13:00 13:24 14:03	UON BBLS DN: TROI	UVA	SETTIN PRES RE - PS ANNU	TYPE	OL, RU RATE I BF	WG1 8. NNING DETAIL FE M 5 3 4 2	CSG, E Bbl. F PUMI	IMP PL 80 ETC. PF ETC. PF ELUID PED 316 22 70	UG TO DO RIOR TO C FLUID TYPE SEAL BC WATER LEAD TAIL WATER	REV. EEMENTIN SAF TES CIRC ARR SAFI N SEAN TES' FINIS FINIS SLO' BUM BLEF FLO, THAI JUS' N SC	SQ. PS	ETING: B ETING: B IG WELL LOCATION ETING PUMPED START L D, START L SHUT DC DSS OF R J DING FOR USIN MPER AND	ED Ope DCATION J CREW 4500 PSI RIG N BY RIG EAD SLUI TAIL DWN, DRC ETURNS RE TO 14 1.5 BBLS VG BHI	RIG UF EXPL X CO X DP PLUC BACK 1 BACK 1	RATE 5 P, SAFE ANATIO . REP. BJ G, DISF	ED         O           160	2500	FR/	WATER AC

Report Printed on: JAN-25-13 14:36:42

#### Summary of Changes

Lease Name and Number: PREISSER 2509 8-1 API/Permit #: 15-155-21604-00-00 Doc ID: 1131157 Correction Number: 2

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Amount of Surface Pipe Set and Cemented at	0	503
Approved Date	01/24/2013	04/02/2013
CasingAdd_Type_PctP DF_2		See attached
CasingAdd_Type_PctP DF_3		See attached
CasingNumbSacksUse dPDF_2		100
CasingNumbSacksUse dPDF_3		320
CasingPurposeOfString PDF_2		Surface
CasingPurposeOfString PDF_3		Intermediate
CasingSettingDepthPD F_2		503
CasingSettingDepthPD F_3		4343

## Summary of changes for correction 2 continued

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
Completion Or Recompletion Date	11/23/2012	03/30/2013
Electric Log Run?	No	Yes
Electric Log Submitted Electronically?		Yes
Elogs_PDF		Triple Combo
Formation Top Source - Log	No	Yes

## Summary of changes for correction 2 continued

Field Name	Previous Value	New Value
Liner Run?		No
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 09696	//kcc/detail/operatorE ditDetail.cfm?docID=11
TopsDatum1		31157 Attached
TopsDepth1		Attached
TopsName1	CONDUCTOR ONLY	Attached
Total Depth	60	4823
Tubing Packer At		4297
Tubing Record - Set At		4307
Tubing Size		4.5

#### Summary of Attachments

Lease Name and Number: PREISSER 2509 8-1 API: 15-155-21604-00-00 Doc ID: 1131157 Correction Number: 2 Attachment Name

PREISSER 2509 8-1 Conductor record

PREISSER 2509 8-1 Surface Cement rpt

PREISSER 2509 8-1 Intermediate Cement rpt

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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1109696

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

# CONFIDENTIAL OIL & GAS CONSERVATION DIVISION WELL COMPLETION FORM

WELL HISTORY - DESCRIPTION OF WELL & LEASE
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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 #	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
	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:	w/w/w/w/w/
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride contents ppp Fluid volumes held
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
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 #:	Quarter Sec TwpS. R East West
ENHR     Permit #:	
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 Approved by: Date:



CONFIDENTIAL WELL COMPLETION FORM

1107244

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 8	LEASE
				LEADE

OPERATOR: License #		API No. 15		
Name:		Spot Description:		
Address 1:		Sec.	TwpS. R 🗌 East 🗌 \	West
Address 2:		F	eet from Dorth / South Line of Se	ection
City: State: Zip: _	+	F	eet from 🗍 East / 🗌 West Line of Se	ection
Contact Person:		Footages Calculated from	Nearest Outside Section Corner:	
Phone: ()			N SE SW	
CONTRACTOR: License #		County:		
Name:			Well #:	
Wellsite Geologist:				
Purchaser:				
Designate Type of Completion:			Kelly Bushing:	
New Well Re-Entry	Workover		lug Back Total Depth:	
Oil       WSW       SWD         Gas       D&A       ENHR         OG       GSW         CM (Coal Bed Methane)         Cathodic       Other (Core, Expl., etc.):	SIOW SIGW	Multiple Stage Cementing If yes, show depth set: If Alternate II completion, o	et and Cemented at: Collar Used? Yes No  cement circulated from: 	Feet
If Workover/Re-entry: Old Well Info as follows:				
Operator: Well Name:		Drilling Fluid Manageme (Data must be collected from		
Original Comp. Date: Original Total	NHR Conv. to SWD		ppm Fluid volume:	. bbls
Plug Back: Plug E	Back Total Depth	Location of fluid disposal i	f hauled offsite:	
Commingled Permit #:		Operator Name:		
			License #:	
		Quarter Sec.	TwpS. R □ East □	West
			Permit #:	
GSW Permit #:				
	Completion Date or 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.

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ALT I II III Approved by: Date: