CEMENT JOB REPORT



CUSTOMER	SHELL W	VEST	ERN E & P INC		I	DATE	17-JAN	√-13 F. F	₹.#	100195824	40		SER	V. SUPV.	Jan	nes Ki	rkpatrick		
														COUNTY-PARISH-BLOCK					
PREISSER 2509 #8-1 - API 15155216050000 DISTRICT DF						8-25S-9W DRILLING CONTRACTOR RIG #						 	Reno Kansas TYPE OF JOB						
McAlester						DKILLING	G COI	NIKACIOK	KIG #					urface	•				
SIZE & TYPE OF PLUGS LIST-CS						SG-HARDWARE M				CHANICAL BARRIERS M		MD	TVD	HANG	GER 1	YPES	MD	TVD	
9-5/8" Top Cem Plug, Nitrile cvr, Phe No Shoe, Cust						t Sup													
											Р	HYSICAL	SLU	RRY PRO	PERT	TIES		_	•
MATERIALS FURNISHED BY BJ						LAB REPORT NO.			c)F \	LURRY WGT PPG	SLURRY YLD FT		GPS T		UMP IME :MIN	Bbl SLURR		BbI MIX WATER
Classc0.01%staticfree2%cacl20.25ppscelloflake										100	14.8	1	.35	6.3	4 02	2:45		25	15.73
H2O											8.34						35	.5	
H2O											8.34							20	
Available Mix Water 100 Bbl.						Available Displ. Fluid				300 Bbl.			TO.	TOTAL 80.5		.5	15.73		
HOLE						TBG-CSG-D.P.						COLLAR DEPTHS							
SIZE 12.25	% EXCE	SS	DEPTH 510	ID 8.921	_	625 W	VGT.	CSG	E	MD 503	TVD 503	GRADE J-55		SHOE	503	FL	<u>OAT</u> 458	S	TAGE
	AST CAS	INC	310	0.921				BR PL-LINE	:D		. DEPTH		TOR	CONN	200	v	VELL FLU	IID	
		TYPE	E MD	TVD		RAND &			EPTH		BTN			HREAD	TY		VELL FL	טו י	WGT.
18. 18	47.		60	60								9.6	25 8	RD	WAT	ΓER E	BASED M	U	8.9
DISPL. VO	SPL. VOLUME DISPL. FLU			L. FLUID	FLUID CAL. PSI CAL. MA			X PSI	OP. MAX	MAX TBG PSI		PSI	MAX CSG P		PSI		MIX		
VOLUME	UOM		TYPE		WGT.	. BUM	P PLU	IG TO RE	EV.	SQ. PSI	RATI	ED Op	erato	r RA	TED	O	perator	W	VATER
35.5	BBLS	H20)		8.3	34	200)							2815		1525	RIG	
		-	CETTINIO TOC	I DIINI		CCC FT	0 BBI	OD TO OEL	ACNITIN	10: 110 0									
LAFLAMATIO	N: TROUE	BLE S	SETTING TOO	DL, RUNN	NING (CSG, ET	C. PRI	IOR TO CEN	IENTII	NG: NO PI	ROBLEM	IS							
LAFLANATIO	N: TROUE	BLE	PRESSURE/			CSG, ET	C. PRI	IOR TO CEN	MENTIN	NG: NO PF	ROBLEM	IS	E	XPLANAT	ION				
TIME				RATE DE	TAIL	Bbl. FLU	JID	FLUID	SAF	ETY MEE			_	XPLANAT					
			PRESSURE/I	RATE DE	TAIL		JID		SAF	ETY MEE	TING: B	J CREW 2500 PS	X	CO. REP.					
TIME HR:MIN.	PRES PIPE	SSUF	PRESSURE/I	RATE DE	TAIL	Bbl. FLU	JID ED	FLUID TYPE	SAF TES	ETY MEET T LINES CULATING	TING: B	J CREW 2500 PS	X SI X	CO. REP.	X	HEAD			
TIME	PRES PIPE		PRESSURE/I	RATE DE RATE BPM	TAIL	Bbl. FLU	JID ED	FLUID	SAF TES CIRC	ETY MEET LINES CULATING	TING: B	J CREW 2500 PS · RIG ES, STA	X X X RT H2	CO. REP. BJ 20 SPAC	X ER Al	HEAD)		
TIME HR:MIN.	PRES PIPE 36	SSUF	PRESSURE/I	RATE DE RATE BPM	ETAIL	Bbl. FLU	JID ED H	FLUID TYPE	SAF TES CIRC TES	ETY MEET LINES CULATING T PUMPS A IP H2O AH	TING: B WELL - AND LIN HEAD, ST CEMENT	J CREW 2500 PS RIG ES, STA TART CE	X SI X RT H2 MENT DOW	BJ 2O SPAC Γ @ 14.8‡	ER AL	NE CL	OGGED.		
TIME HR:MIN. 22:10 22:15	PRES PIPE 36	SSUF 675 20	PRESSURE/I	RATE DE RATE BPM	3.4	Bbl. FLU	JID ED H	FLUID TYPE H2O H2O	SAF TES CIRC TES	EETY MEET IT LINES CULATING IT PUMPS A	TING: B WELL - AND LIN HEAD, ST CEMENT	J CREW 2500 PS RIG ES, STA TART CE	X SI X RT H2 MENT DOW	BJ 2O SPAC Γ @ 14.8‡	ER AL	NE CL	OGGED.		
TIME HR:MIN. 22:10 22:15	PRE: PIPE 36 1 3	SSUF 675 20	PRESSURE/I	RATE DE RATE BPM	3.4	Bbl. FLU	JID F 20 F 15 0	FLUID TYPE H2O H2O	SAF TES CIRC TES PUM PUM WOF	ETY MEET LINES CULATING T PUMPS A IP H2O AH	TING: B. WELL - AND LIN HEAD, ST CEMENT TIT UNC	J CREW 2500 PS RIG ES, STA ART CE T, SHUT CLOGGE	X SI X RT H2 MENT DOW D, ST	BJ 2O SPAC Γ @ 14.8# 'N, RECIF 'ART BAC	EER AL	NE CL	OGGED, IENT		
TIME HR:MIN. 22:10 22:15 22:25	PRES 96 36 1 3	575 20 310	PRESSURE/I	RATE DE RATE BPM	3.4 3.3	Bbl. FLU	JID ::D H 20 H 15 C	FLUID TYPE H2O H2O CEMENT	SAF TES CIRC TES PUM WOF	FETY MEE T LINES CULATING T PUMPS IP H2O AH IP 15 BBL RK TO GE IP @ 25 BBR RK TO UNI	TING: B. WELL - AND LIN HEAD, ST CEMENT TIT UNC	J CREW 2500 PS RIG ES, STA ART CE T, SHUT CLOGGE ENT, SHU	X SI X RT H2 MENT DOW D, ST	BJ 2O SPAC Γ @ 14.84 N, RECIF TART BAC	EER AH # RC LIN CK ON	NE CL I CEM	OGGED MENT CLOGGI	ΞD,	
TIME HR:MIN. 22:10 22:15 22:25	PRES 96 36 1 3	75 20 310	PRESSURE/I	RATE DE RATE BPM	3.4 3.3	Bbl. FLU	JID ::D H 20 H 15 C	FLUID TYPE H2O H2O CEMENT	SAF TES CIRC TES PUM WOF PUM WOF UNC FOR SHU	FETY MEE T LINES CULATING T PUMPS IP H2O AH IP 15 BBL RK TO GE	TING: B. WELL AND LIN HEAD, ST CEMENT TIT UNC BL CEME CLOG LI TIT TO THE TO	J CREW 2500 PS RIG ES, STA FART CE T, SHUT CLOGGE ENT, SHU NE D START	X IX RT H2 MENT DOW D, ST JT DO	BJ 20 SPAC © 14.8/ N, RECIF ART BAC DWN, RE	EER AH # RC LINCK ON CIRC -AIRE	NE CL I CEM LINE EATOR	OGGED, MENT CLOGGI R SYSTE ELIVERY	ΞD,	
TIME HR:MIN. 22:10 22:15 22:25 22:40	PRES 96 36 1 3	575 20 310	PRESSURE/I	RATE DE RATE BPM	3.4 3.3	Bbl. FLU	JID ::D H 20 H 15 C	FLUID TYPE H2O H2O CEMENT	SAF TES CIRC PUM WOF PUM WOF UNC FOR SHU PUM	FETY MEE T LINES CULATING T PUMPS IP H2O AH IP 15 BBL RK TO GE RK TO UNO LOG LINE TUB CAU T DOWN IPING CEN	TING: B. S WELL AND LIN HEAD, ST CEMENT T IT UNC BL CEME CLOG LI T, TRY TO MENT S MADE	J CREW 2500 PS RIG ES, STA FART CE T, SHUT CLOGGE ENT, SHU NE D START ROBLEM CLEAN L	X II X RT H2 MENT DOW D, ST JT DO CEM S WIT JINE.	BJ 20 SPAC © 14.8# N, RECIF ART BAC DWN, RE THENT, DE THENT, DE THENT COULD N	EER AH # RC LIN CK ON CIRC F-AIRE CEMEN	NE CL I CEM LINE EATOR NT DI GO BA	OGGED, MENT CLOGGI R SYSTE ELIVERY ACK TO	ΞD, M	
22:10 22:15 22:25 22:40 23:15	9RES 919 36 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	575 20 310	PRESSURE/I	RATE DE RATE BPM	3.4 3.3	Bbl. FLU	JID	FLUID TYPE H2O H2O CEMENT	SAF TESS CIRC PUM WOF PUMCFOR SHU PUMC DEC CEM	FETY MEE T LINES CULATING T PUMPS IP H2O AH IP 15 BBL RK TO GE IP @ 25 BB RK TO UN LOG LINE TUB CAU T DOWN IPING CEN	TING: B. S WELL: AND LIN HEAD, ST CEMENT TIT UNC BL CEME CLOG LI E, TRY TO MENT S MADE SURFACE	J CREW 2500 PS RIG ES, STA FART CE T, SHUT CLOGGE ENT, SHU NE D START ROBLEM CLEAN L	X SI X RT H2 MENT DOWN D, ST JT DO CEM S WIT LINE.	BJ 20 SPAC © 14.8/ N, RECIF ART BAC DWN, RE HENT, DE TH DRY (COULD N	EER AH # RC LIN CK ON CIRC F-AIRE CEMEN	NE CL I CEM LINE EATOR NT DI GO BA	OGGED, MENT CLOGGI R SYSTE ELIVERY ACK TO	ΞD, M	
22:10 22:15 22:25 22:40 23:15	PRES 36 1 3 3 3 3 3 3 3 3 3	SSUF	PRESSURE/I	RATE DE RATE BPM	3.4 3.3 2.5 4	Bbi. FLU PUMPE	JID	FLUID TYPE H2O H2O CEMENT CEMENT CEMENT	SAF TESS CIRC PUM WOF PUMCFOR SHU PUM DEC CEM PLUC PUMCPUM	EETY MEE T LINES CULATING T PUMPS IP H2O AH IP 15 BBL RK TO GE IP @ 25 BE RK TO UNO LOG LINE TUB CAU T DOWN IPING CEN ISION WA	TING: B. S WELL: AND LIN HEAD, ST CEMENT TIT UNC BL CEME CLOG LI E, TRY TO MENT S MADE SURFACE PUMP D CEMENT	J CREW 2500 PS RIG ES, STA FART CE T, SHUT CLOGGE ENT, SHU NE D START ROBLEM CLEAN L STO DRO START GISPLACE T, BUMP	X RT H2 RT H2 DOWN D, ST T DC CEM S WIT LINE.	BJ 20 SPAC © 14.8/ N, RECIF ART BAC DWN, RE TENT, DE TH DRY C COULD N UG AND T G, HOLD	X ER AH RC LIN CK ON CIRC -AIRE CEMEN TRY 1	NE CLINE LINE ATOR NT DI GO BA	OGGED, MENT CLOGGI R SYSTE ELIVERY ACK TO	ΞD, M	
22:10 22:15 22:25 22:40 23:15 00:10	PRES 36 1 3 3 3 3 3 3 3 3 3	\$\$\$UP\$	PRESSURE/I	RATE DE RATE BPM	3.4 3.3 22.5 4 3	Bbi. FLU PUMPE	JID	FLUID TYPE H2O H2O CEMENT CEMENT CEMENT	SAF TESS CIRC PUMWOF PUMCFOR SHU PUMC DEC CEM PLUC PLUC PUMBLEE	FETY MEE T LINES CULATING T PUMPS IP H2O AH IP 15 BBL RK TO GE IP @ 25 BE RK TO UNO LOG LINE TUB CAU T DOWN T DOWN ISION WA IENT TO S G AWAY, II	TING: B. S WELL: AND LIN HEAD, ST CEMENT TIT UNC BL CEME CLOG LI E, TRY TO MENT S MADE SURFACE PUMP D CEMENT SURF OF RETURN:	J CREW 2500 PS RIG ES, STA FART CE T, SHUT CLOGGE ENT, SHU NE D START ROBLEM CLEAN L STO DRO STO BUMP FF, FLOA S TO SU	IX I	BJ 20 SPAC © 14.8/ N, RECIF ART BAC DWN, RE IENT, DE TH DRY C COULD N UG AND T G, HOLD LDING	X ER AH # RC LIN CK ON CIRC CIRC TRY 1	NE CL I CEM LINE EATOR NT DR GO BA TO CI	OGGED, MENT CLOGGI R SYSTE ELIVERY ACK TO RCULAT	≣D, M ,	
22:10 22:15 22:25 22:25 22:40 23:15	PRES 36	\$\$\$UP\$	PRESSURE/I	RATE DE RATE BPM	3.4 3.3 22.5 4 3	Bbi. FLU PUMPE	JID	FLUID TYPE H2O H2O CEMENT CEMENT CEMENT	SAF TESS CIRC PUM WOF PUNC FOR SHU PUM DEC CEM PUM BLEE NO 0 TO 1 RIG PUM @ 88 SUR	FETY MEE IT LINES CULATING T PUMPS IP H2O AH IP 15 BBL IRK TO GE IP @ 25 BI RK TO UNI LOG LINE T DOWN T DOW	TING: B. S WELL: AND LIN IEAD, ST CEMENT TIT UNC BL CEME CLOG LI E, TRY TO MENT S MADE SURFACE PUMP D CEMENT SURF OF RETURN: UT CEM TOP OUT CULATE PUMPEI	J CREW 2500 PS RIG ES, STA FART CE T, SHUT CLOGGE ENT, SHU NE D START ROBLEM CLEAN L STO DRO STO SU STO SU ENT JOE TAND PU ED FOOT D TO ACC	IX INTERPOLATION	BJ 20 SPAC © 14.8/ N, RECIF ART BAC DWN, RE IENT, DE IH DRY C COULD N UG AND T G, HOLD LDING CE, THE D TOP OUT OF CEMEN	X ER AH # RC LIN CK ON CIRC CIRC TRY 1 TRE TRY 1 T	NE CL I CEM LINE EATOP NT DI GO BA TO CI 10 MIII 10 MIII ENT, ROM TURN	OGGED, MENT CLOGGI R SYSTE ELIVERY ACK TO IRCULAT NUTES, WAS MAI 10 BBL SURFAC IS TO	ED, M F CE,	
22:10 22:15 22:25 22:25 22:40 23:15 00:10 00:15 00:30	PRES 36	\$\$SUF	PRESSURE/I	RATE DE RATE BPM	3.4 3.3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Bbi. FLU PUMPE	JID	FLUID TYPE H2O H2O CEMENT CEMENT CEMENT H2O H2O	SAF TESS CIRC PUM WOF PUNC FOR SHU PUM DEC CEM PLUC PUM BLEE RIG PUM @ 85 SUR CLAS CELL	FETY MEE T LINES CULATING T PUMPS IP H2O AH IP 15 BBL RK TO GE IP @ 25 BB RK TO UNO LOG LINE TUB CAU T DOWN T DOWN IPING CEN ISION WA IENT TO S G AWAY, I IP DISPLA ED PRESS CEMENT F DO TOP O UP FOR T IPED, CAL 5', 10 BBL	TING: B. WELL: AND LIN HEAD, ST CEMENT TIT UNC BL CEME CLOG LI E, TRY TO MENT S MADE SURFACE PUMP D CEMENT GURE OF RETURN: UT CEM TOP OUT CULATE PUMPEI	J CREW 2500 PS RIG ES, STA FART CE T, SHUT CLOGGE ENT, SHU NE D START ROBLEM CLEAN L STO DRO STO SU ENT JOE T AND PU ED FOOT D TO AC	IX INTERPLICATION INT	BJ 20 SPAC © 14.8/ N, RECIF ART BAC DWN, RE HENT, DE TH DRY C COULD N UG AND T G, HOLD LDING E, THE D TOP OUT OF CEME FREE + 2	X X ER AH	NE CL I CEM LINE LINE EATOF NT DI NT	OGGED, MENT CLOGGI R SYSTE ELIVERY ACK TO IRCULAT NUTES, WAS MAI 10 BBL SURFAC IS TO + 0.25 PF	ED, M F CE,	

CEMENT JOB REPORT



		PRESSURE	/RATE DETAIL	-	EXPLANATION					
TIME	TIME PRESSURE - PSI		RATE	Bbi. FLUID PUMPED	FLUID TYPE	SAFETY MEETING: BJ CREW X CO. REP. X				
HR:MIN.	PIPE ANNULUS		ВРМ			TEST LINES	2500 PSI			
						CIRCULATIN	G WELL - RIG X BJ			
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED	TOTAL BBL. PUMPED	PSI LEFT ON CSG	SPOT TOP OUT CEMENT	SERVICE SUPERVISOR SIGNATURE:			
Y N	150	Y N	7	80.5	0	Y N				