

CUSTOMER	ANADAR	RKO PETROLEUM	COR	DA.	TE 24-SEP	-14 F.F	R.# 100	111019	935		SEI	RV. SUP	V. ST	EPHEN J CA	RDOS	
LEASE & WEI	L NAME			LO	CATION						СО	UNTY-P	ARISH-	BLOCK		
PREMIUM 1	URKEY F	ARMS B #1 - API (51230785	30	22-2N-67W						١.	Weld Cold	orado			
DISTRICT					LLING CON	ITRACTOR	RIG#					PE OF JO				
Brighton SIZE 8	& TYPE C	F PLUGS			W/O <mark>3-HARDWAR</mark>	E	MECHA	NICAL	L BARRII	ERS	MD	Plug Back TVD		GER TYPES	S M	D TVD
N/A			N/A				N/A				0	0	N/A			0 0
			İ						F	PHYSIC	AL SLURRY PROPERTIES					
							SACK		LURRY	SLUF		\A/A-T-	_	UMP	DL.	Bbl
MATERIAL	S FURNI	SHED BY BJ			LAB RE	PORT NO.	OF CEMEN		WGT PPG	YLD FT:		WATE GPS	1	IME :MIN SLU	Bbl RRY	MIX WATER
Plug Slurry					C09-097	'-14	;	35	15.8	1.3		5	.65 0	5:30	8.48	4.71
Fresh Water					N/A			0	8.34		0		0 0	0:00	27	
Fresh Water					N/A			0	8.34		0		0 0	0:00	20	
Available Mi	x Water	120		Bbl. Av	ailable Disp	l. Fluid							55.48	4.71		
	HOLE					TBG-CSG-	-D.P.		_				CC	OLLAR DEP	THS	
SIZE	% EXC				WGT.	TYP	E I	MD	TVD	GRA		SHO	E	FLOAT		STAGE
0	0)	4 4.5					470	0 N-80						
	AST CAS			PKR-CN	IT RET-BR F				RF. DEP			TOP CO		WELL	FLUID	
ID OD V	VGT	TYPE N	ID TVD	NO PAG	BRAND & T	YPE	DEPTH	то	P E	BTM	SI 2		READ	TYPE WATER BA	SED	WGT. 8.4
DISPL. VO	IIIME	DI	PL. FLUI		CAL. PSI	CAL. MA	1 -	. MAX	NA.	AX TBG		<u> </u>			TOLD	MIX
VOLUME	UOM	TYP			BUMP PLUC			Q. PSI	RATI		perat	or R	ATED	AX CSG PSI ED Operator		WATER
7.8	BBLS	Fresh Water	_	8.34	0		0	C		0	poru	0	3832	·		ANKER
1.0	7.0 BBLO Presirvvaler 0.54							·				ď	3032	. 200		RUCK
	Circulation Prior to Job															
Circulated V	Circulated Well: Rig X BJ Circulation Time: .5 Circulation Rate: 1.5 BPM															
Mud Density	/ In: 8.	4 LBS/GAL	/lud Densi	ty Out:	8.4 LBS/G	AL	PV & YP	Mud Ir	n: 0			P	V & YF	Mud Out:	0	
Gas Preser	t: NO	X YES [Units:			Solids P	resent	at End o	f Circul	ation:		NO	X YE	s [
					Displa	cement	And Mu	d Rei	moval							
Displaced	Ву:	Rig	BJ X				Amount I	Bled B	ack After	Job:		0 BBLS	;			
Returns Du	ring Job:	NO	NE _	PART	IAL X F	FULL	Method l	Jsed to	o Verify F	Returns:		VISUAL	_			
Cement Re	eturns at S	Surface:	YES	X	NO		Were Re	eturns l	Planned	at Surfa	ace:	>	< NO	YE	S	
Pipe Mover		ROTATION		ECIPROC	CATION X	NONE		BLE DI	UE TO S	TUCK						
Centralizers		NO		ŒS	_		antity: 0	1				Туре:		BOW	RIG	ID
Job Pumpe	d Throug	h: CH	OKE MAN	IFOLD [SQUEEZ	ZE MANIFO	DLD	MAN	IFOLD	X	IO MA	NIFOLD)			
						Plu	ugs									
Number of At				mpetition	: 0		Wiper Ba			X N		YE		uantity:		
Plug Catcher		X NO		ÆS			Parabow			X N		YE				
Was There a	Bottom:	X NO		ÆS			Top of Pl					Bottom	of Plug:	: 0 FT		
			Squee	zes (Up	date Orig	inal Trea	atment l	Repo	rt for P	Primar	y Jo	b)				
BLOCK SQL	JEEZE	=	SQUEEZE		TOP OF L	INER SQU	_		PLANN	NED		UNPLAN	NED			
Liner Packer		X NO	YES			ond Log:	X NO			PSI Ap			Fluid	Weight: 0	LBS/	GAL
			Casing	Test (U	lpdate Ori	iginal Tr	eatment	Rep	ort for	Prima	ary J	lob)				
Casing Test F	Pressure:	0 PSI	Wi	th 0 I	LBS/GAL	Mud	Time Hel	d: (00 Hours	00 Min	utes					
			Shoe	Test (U	odate Oriç	ginal Tre	atment	Repo	ort for I	Prima	ry Jo	ob)				
Depth Drilled	out of Sh	noe: 0 FT					Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL									
Number of Ti	mes Test	ts Conducted:	0				Mud Weig	ght Wh	en Test v	was Co	nducte	ed:	0 LBS	S/GAL_		
EXPLANATIO	N: TROU	BLE SETTING 1	OOL, RU	NNING CS	SG, ETC. PR	IOR TO CE	MENTING	NONE								



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

NONE

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

NONE

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

NONE

		PRESSUR	E/RATE DETA	lL.		EXPLANATION							
TIME	PRESSU	IRE - PSI	RATE	Bbl. FLUID	FLUID	SAFETY MEETING: BJ CREW X CO. REP. X							
HR:MIN.	PIPE	ANNULUS	ВРМ	PUMPED	TYPE	TEST LINES 3091 PSI							
						CIRCULATIN	IG WELL - RIG X BJ						
11:45	0	0	0	0	N/A	VA LEAVE YARD							
12:05	0	0	0	0	N/A	ARRIVE ON I	LOCATION						
12:20	0	0	0	0	N/A	VA SPOT TRUCKS							
12:25	0	0	0	0	N/A	/A PRE RIG UP SAFETY MEETING							
13:30	0	0	0	0	N/A	/A SAFETY MEETING							
13:43	3091	0	0	0	H2O	PRESSURE TEST							
13:51	1501	0	1.5	5	H2O	FRESH WAT	ER SPACER						
13:53	1002	0	1.2	7.3	CMT	BATCHWEI	GH/PUMP 15.8 LB CEMENT						
14:03	0	0	0	0	H2O	DOWN							
14:04	7	0	1	7.8	H2O	DISPLACEM	ENT						
14:11	0	0	0	0	H2O	DOWN BALA	ANCE						
14:12	0	0	0	0	H2O	JOB DONE							
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	0	Y N	0	21	0	Y N							



CUSTOMER	ANIA D A D	UCO DETECNI EL INA	200	DAT	E 05.050	[5]	D # 4	10044400	40.4		95	DV CI	IDV/	TIMAD	4440				
		KO PETROLEUM (OR	_		14	F.R. # 10011102434 SERV. SUPV. TIMADAMS												
LEASE & WEL			10007050	l l	ATION		COUNTY-PARISH-BLOCK Weld Colorado												
DISTRICT	URNETF	ARMS B #1 - API 05	123076531		2-2N-67W LING CON	TRACTOR	R RIG #				TY	TYPE OF JOB							
Brighton	TVDE	F PLUGS		V	/O						MD	Plug &	Abando		TVDEO				
	RITPEC	F PLUGS	L	<u> 151-C5G-</u>								TV		IANGER	I TPES	MD			
None					1		None				0 0 None 0								
			I			SACKS SLURRY				SLUI		LUKKI	PRO	PUMP		Т	Bbl		
							OF	:	WGT	YLI	D	1	TER	TIME	Bb		MIX		
MATERIAL	S FURNIS	SHED BY BJ			LAB RE	PORT NO	. CEME	NT	PPG	FT	3	GP	s	HR:MIN	SLURR	RY	WATER		
Plug Slurry					C09-097	-14		40	15.8		1.15		4.95	05:30	8	.23	4.72		
Fresh Water					NA			0	8.34	0			0			18			
Fresh Water					NA			0	8.34		0		0	00:00		10			
Available Mix	Water_	110	B	bl. Ava	ilable Displ	l. Fluid _	11	10	Bbl.				TOT	AL	36.	.23	4.72		
0:==	HOLE					TBG-CSG									R DEPTH				
SIZE 0	% EXC E	ESS DEPTH	1.38	OD 1.66	WGT.	TYP TBG	E	MD 4691	460	GRA 1 C-75		SH	IOE .	<u> </u>	LOAT	- 5	STAGE		
	AST CAS		1.00		RET-BR P			_	RF. DEP	_		TOP C	ONN		WELL FL	LIID			
	VGT	TYPE M	D TVD		BRAND & T		DEPT			втм	SI		THRE	AD T	YPE		WGT.		
4.1 4.5	10.5 CS	G 470	00 4700	No packe	er			0	0	0	2	.375	8RN	ND MA	TER BAS	ED	8.4		
DISPL. VOI	DISPL. VOLUME DISPL. FLUID CAL. PSI CAL. M									AX TBO	3 PSI		M	AX CSG	PSI		MIX		
VOLUME	UOM	TYPE	'	WGT. B	UMP PLUG	TO R	EV.	SQ. PSI	RAT	ED C	Opera	tor	RATE	ED C	Operator		WATER		
7	7 BBLS Fresh Water 8.34 0							(8 0	8856 2			2000		0 WATER TRUCK				
Circulation Prior to Job																			
Circulated W	Circulated Well: Rig X BJ Circulation Time: 1 Circulation Rate: 2 BPM																		
Mud Density		<u> </u>	lud Density	/ Out: 8	3.4 LBS/GA	AI	PV & \	YP Mud I	-					YP Muc					
Gas Presen		X YES		Units:	3.4 EBO/O/	\L_			at End o	of Circu	lation:		NO	X	YES		7		
					Displa	cement	And M	lud Re	moval										
Displaced	Ву:	Rig	BJ X				Amour	nt Bled E	ack Afte	r Job:		0 BB	LS						
Returns Dur	ring Job:	NON	E	PARTIA	L X F	ULL	Metho	d Used t	o Verify F	Returns	s:	Visua							
Cement Re	turns at S	Surface:	YES	ΧI	10		Were Returns Planned at Surface: X NO YES												
Pipe Moven	nent:	ROTATION	RE	CIPROCA	ATION X	NONE	UN	IABLE D	UE TO S	TUCK	PIPE								
Centralizers	s:	X NO	YE	S		Qu	antity:					Туре:		BOV	/ F	RIGIE)		
Job Pumpe	d Throug	h: CHC	KE MANIF	OLD	SQUEEZ	E MANIFO	OLD [MAN	IIFOLD	X 1	NO M	ANIFO	_D						
						PI	ugs												
Number of Att	tempts by	/BJ: 1	Cor	npetition:	1		Wiper I	Balls Us	ed:	XN	Ю	`	⁄ES	Quantit	y:				
Plug Catcher	Used:	X NO	YE	S			Parabow Used: X NO YES												
Was There a	Bottom:	X NO	YE	ES			Top of	Plug:	4183 FT			Bottor	n of P	Plug: 46	91 FT				
	Squeezes (Update Original Treatment Report for Primary Job)																		
BLOCK SQL	JEEZE	SHOE S	QUEEZE		TOP OF LI	NER SQL	JEEZE		PLANN	VED [UNPL	ANNE	D					
Liner Packer: X NO YES Bond Log: X NO YES PSI Applied: 0 Fluid Weight: 0 LBS/GAL																			
			Casing ⁻	Test (Up	odate Ori	ginal Tr	eatme	nt Rep	ort for	Prim	ary 、	Job)							
Casing Test F	Pressure:	0 PSI	With	0 LE	BS/GAL	Mud	Time H	leld:	00 Hours	00 Mir	nutes								
			Shoe T	est (Up	date Orig	jinal Tre	eatmen	t Repo	ort for I	Prima	ry J	ob)							
Depth Drilled out of Shoe: 0 FT								Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL											
Number of Ti	mes Test	s Conducted:	0				Mud W	eight Wh	en Test	was Co	nduct	ted:	0 1	_BS/GAI					
EXPLANATIO	N: TROU	BLE SETTING TO	OOL, RUN	NING CS	G, ETC. PRI	OR TO CE	EMENTI	NG:None											



Problems Before Job (I.E. Running Casing, Circulating Well, ETC) None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

None

		PRESSUR	E/RATE DETA	.IL		EXPLANATION										
TIME	PRESSU	JRE - PSI	RATE	Bbi. FLUID SAFETY MEETING: BJ CREW X CO. REP. X		Bbi. FLUID FLUID SAFETY MEETING: BJ CREW X CO. REP. X	ETING: BJ CREW X CO. REP. X									
HR:MIN.	PIPE	ANNULUS	ВРМ	PUMPED	TYPE	TEST LINES 3534 PSI										
						CIRCULATIN	NG WELL - RIG X BJ									
12:03	0	0	0	0	NA	Leave previous location										
12:27	0	0	0	0	NA	Arrive on loca	ation									
12:32	0	0	0	0	NA	VA Spot trucks										
12:51	0	0	0	0	NA	VA Pre-rig up safety meeting							Pre-rig up safety meeting			
13:21	0	0	0	0	NA	Pre-job safety	y meeting									
13:34	226	0	.8	1	H2O	Load lines										
13:35	3534	0	0	0	H2O	Pressure test	l .									
13:37	1479	0	2	5	H2O	Fresh water spacer										
13:44	176	0	1.3	8	CMT	Batch / weigh	/ pump cement (40sx, 15.8#)									
13:59	1479	0	2.4	7	H2O	Displacement	t									
14:03	0	0	0	0	NA	Shut down / D	Done									
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	BBL.CMT RETURNS/ REVERSED		PSI LEFT ON CSG	SPOT TOP OUT CEMENT	Service Supervisor Signature:									
Y N	0	YN	0	21	0	Y N										



CUSTOMER	CUSTOMER ANADARKO PETROLEUM COR DATE 26-SEP-14 F.R. # 10011102826 SERV. SUPV. TIMADAMS																	
LEASE & WEL	L NAME				LO	CATION						COUNT	Y-PA	RISH-	BLOC	K		
PREMIUMT	URKEY FA	ARMS B #1 -	API 0512	2307853	0	22-2N-67W						Welc	Color	ado				
DISTRICT						ILLING COI	NTRACTOR	RIG#			-	TYPE C						
Brighton SIZE 8	TYPE O	F PLUGS		L		WO S-HARDWAF	RE	MECH	ANICAL	BARRII	ERS N		& Aba VD		IGER 1	TYPES	МЕ) TVD
None								None				ol	0	None)			0 0
			_							P	HYSICAL	CAL SLURRY PROPERTIES						
								SACK	S SI	LURRY	SLURR				UMP			Bbl
MATERIALS	ELIDNIS	SHED BY B				I AR PI	EPORT NO.	OF CEMEN		NGT PPG	YLD FT ₃		ATER SPS	1 -	IME :MIN	Bb SLURF		MIX WATER
	o i okinic	JIIED D1 D				C09-09		1	_		1.3	1		-		SECIKI	<u> </u>	
Plug Slurry Fresh Water						NA	7-14		0	14.8 8.34	1.3	0	6.3	_	1:30		63	39.83
Fresh Water						NA NA			0	8.34		0		-	0:00		20	
Mud Clean II						NA NA			0	8.55		0			0:00		10	
	Matan		00		N. I. A.			100	-			0			0.00			
Available Mix		1	80		Bbl. A	/ailable Disp		180)	_Bbl.			TC	TAL	l		94	39.83
SIZE	HOLE % EXCE	ee ne	PTH	ID	OD	WGT.	TBG-CSG-		MD	TVD	GRADE	: ,	SHOE			R DEPTH		STAGE
0	0	.33 DL	0	1.38			TBG	_	1400		C-75		SHOL			.UAI		JIAGE
	AST CASING PKR-CMT RET-BR PL-LINER PERF. DEPTH TOP CONN						V	VELL FL	UID									
ID OD W									WGT.									
4.1 4.5 1	0.5 CS		1400	1400	No pacl	ker		C)	0	0	2.375	8	RND	WAT	ER BAS	ED	8.4
8.1 8.63	24 CS		651	651	-					0	0							
9 9	99 OPI	ENHOLE	1300							0	0							
DISPL. VOL	1			FLUI		CAL. PSI	CAL. MA		P. MAX		X TBG P				CSG P		-	MIX WATER
VOLUME	VOLUME UOM TYPE WGT. BUMP PLUG TO REV. SQ. PSI RATED Operator RATED Operator																	
1 BBLS Fresh Water 8.34)	0	0	8	856	2500		C)	0	Wa	ter truck
						Cir	culation	Prior to	Job									
Circulated W	'ell: Ri	g X	E	ม 🗌				Circulati	on Time	e: 1			Cir	culatio	on Rate	e: 2 B	PM	
Mud Density	In: 8.4	4 LBS/GAL	Muc	l Densit	y Out:	8.4 LBS/G	AL	PV & YI	Mud Ir	n: 0			P۱	/ & YF	Mud (Out: 0)	
Gas Present	: NO	X YE	s 🗌		Units:			Solids F	Present	at End o	f Circulation	on:	Ν	10	X	YES]
						Displa	cement.	And Mu	ıd Rer	moval								
Displaced	By:	Rig	E	3J X				Amount	Bled Ba	ack After	Job:	0 E	BLS					
Returns Dur	ing Job:		NONE		PART	IAL X	FULL	Method	Used to	Verify F	Returns:	Visi	ual					
Cement Re	turns at S	Surface:		YES	X	NO		Were R	eturns F	Planned	at Surface):	X	NO		YES		
Pipe Movem	nent:	ROTA	TION	RE	CIPROC	CATION X	NONE	UNA	BLE D	UE TO S	TUCK PIF	PΕ						
Centralizers	: [X NO		YI	ES			antity:				Туре	e:		BOW	F	RIGIE	
Job Pumped	d Throug	h:	CHOKE	MANI	FOLD	SQUEE	ZE MANIFO	OLD	MANI	IFOLD	X NO	MANIF	OLD					
							Plu	ugs										
Number of Att	empts by	/BJ: 1		Coi	mpetition	ı: O		Wiper B	alls Use	ed:	X NO		YES	Q Q	uantity			
Plug Catcher Used: X NO YES Parabow Used: X NO YES																		
Was There a Bottom: X NO YES Top of Plug: 0 FT Bottom of Plug: 1400 FT																		
						date Orig	ninal Tres	atmont	Reno	rt for P	rimary	loh)						
									ПСРО									
BLOCK SQU			OE SQ				INER SQU			PLANN			PLAN		<u></u>	. 0.11	20/0	
Liner Packer:	Į	X NO		ES			ond Log:	X NO			PSI Applie			Fluid	Weigh	nt: 0 LE	3S/G	AL
			Ca	sing	Test (L	Jpdate Or	riginal Tr	eatmen	t Rep	ort for	Primar	y Job)					
Casing Test P	ressure:	0	PSI	Witl	n 0	LBS/GAL	Mud	Time He	ld: (00 Hours	00 Minute	es						
EXPLANATIO	N: TROU	BLE SETTI	NG TO	L, RUN	INING C	SG, ETC. PF	IOR TO CE	EMENTIN	G:None									
1																		



	Shoe Test (Update Original Tro	eatment Report for Primary Job)	
Depth Drilled out of Shoe: 0 FT		Target EMW: 0 LBS/GAL Actua	al EMW: 0 LBS/GAL
Number of Times Tests Conducted:	0	Mud Weight When Test was Conducted:	0 LBS/GAL

Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

Vone

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

None

07:35 07:59 08:19 08:38	PRESSU PIPE 0	ANNULUS	RATE BPM	Bbl. FLUID PUMPED	FLUID	SAFETY MEETING: BJ CREW X CO. REP. X								
07:35 07:59 08:19	0		ВРМ	PUMPED										
07:59 08:19			·	· <u> </u>	TYPE	TEST LINES 4773 PSI								
07:59 08:19		0				CIRCULATING WELL - RIG X BJ								
08:19	0		0	0	NA NA	Leave yard								
		0	0	0	NA	Arrive on location (13 miles - Rig fixing brakes)								
08:38	0	0	0	0	NA	Spot trucks								
00.00	0	0	0	0	NA	Pre-rig up safety meeting								
11:51	0	0	0	0	NA	Pre-job safety meeting								
12:03	308	0	.8	1	H2O	Load lines								
12:06	4773	0	0	0	H2O	Pressure test								
12:13	1360	0	2.3	10	H2O	Pump Mud Clean II Spacer								
12:19	1181	0	2.3	20	H2O	Pump Fresh Water Spacer								
		0		1	H2O	Displacement								
12:28	1851	0	2.3	20	CMT	Batch / weigh / pump cement (528sx 14.8ppg)								
12:37	1617	0	2.1	20	CMT	Returns got thick and then they stopped.								
13:01	1851	0	2	23	CMT	Talked to company man about overpressuring issues - decided to stop mixing, pump tub away and then displace (pumped 63bbls / 264sx total								
						cement)								
13:07	1899	0	1.5	1	H2O	Displacement								
13:08	1181	0	0	0	NA	Shut down								
13:09	0	0	0	0	NA	Bleed off pressure / Done								
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 0		Y N	0	135	0	YN								



CUSTOMER	ANADAI	RKO PETROLEUN	. ₁₄ F.F	F.R. # 10011103746 SERV. SUPV. TIM ADAMS						MS							
LEASE & WEL	L NAME			LOCA	TION						COL	JNTY-PA	RISH-	BLOC	K		
-	TURKEY	FARMS B #1 - AP	1 0512307853		-2N-67W							Veld Cold					
DISTRICT Brighton				DRILL	ING CONT	IRACTOR	RIG#				TYPE OF JOB Plug & Abandon						
SIZE 8	TYPE O	F PLUGS	LIST	-CSG-H/	ARDWARE		MECH	ANICAL	BARRIE	ERS I	MD	TVD	HAN	GER 1	YPES	MD	TVD
None							None				0					0 0	
										HYSICAL		RRY PR					
							SACK		LURRY NGT	SLURR YLD	RY			UMP IME	Bb		Bbl MIX
MATERIALS	FURNIS	SHED BY BJ			LAB REF	PORT NO.	CEMEN	IT F	PPG	FT ₃		GPS	HR	:MIN	SLURR	Y	WATER
Plug Slurry					C09-107-	-14	2	35	14.8	1	.34	6.	.32 0	1:30	56	.08	35.45
Fresh Water					NA			0	8.34		0		_	0:00		6	
Fresh Water					NA			0	8.34		0			0:00		20	
Mud Clean I					NA			0	8.55		0		0 0	0:00		10	
Available Mix		110	Bbl.	Availa	able Displ.		65		_Bbl.			TO	OTAL		92.		35.45
SIZE	HOLE % EXC	SS DEPTH	ID C	D D	WGT.	BG-CSG-I		MD	TVD	GRAD	_	SHOE			DEPTH:		STAGE
0	0	0		2.375	4.7		_	710		0 J-55		SHUL	_		.UAI		IAGE
L	AST CAS	SING	Pk	(R-CMT	RET-BR PI			PEF	RF. DEP1			OP CON	NN	V	VELL FL	UID	
	VGT	TYPE M			RAND & TY	/PE	DEPTH			ВТМ	SIZ		READ	TY			WGT.
8.1 8.63	24 CS	G 65	51 651 No	o packe			0	1	0	0	2.3	875 8	BRND	WAT	ER BAS	SED	8.4
	SPL. VOLUME DISPL. FLUID CAL. PSI CAL. M							P. MAX	_	AX TBG F				1	WA		MIX WATER
VOLUME	UOM	TYPE			JMP PLUG	TO RE		Q. PSI	RATI		erato			-	perator		
0	BBLS	Fresh Water		8.34	0		0	0	6	160	200	00	()	0	Wa	ter truck
	Circulation Prior to Job																
Circulated \																	
			BJ X lud Density	Out: 0	4 1 00/0	Λ1	PV & Y								d Out: 0		
Gas Prese				out. 6. nits:	4 LD3/G	AL				d of Circu	ılatic		NO	X	YES		
- Cas i lesei	ii. NO	K ILO		iito.	Dienla	cement				2 01 01100	alatic	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10		120		
Displaced	Bv:	Rig	BJ X		Бізріа	Cement	Amoun			ter loh:	_) BBLS					
Returns D	-			PARTIAL	XF	ULL				y Return			,				
Cement Re			YES	X NO		OLL				ed at Sur			NO		YES		
Pipe Move		ROTATION			TION X	NONE				STUCK			· IVO		_ ILG		
Centralizer		X NO	YES		71		antity:			0.00.		ype:		BOW	□ F	IGIE)
Job Pumpe	ed Throu		KE MANIF		SQUEEZ	_ ZE MANIF	OLD	MAN	IIFOLD	X NO		NIFOLI					
		<u> </u>				Plu	ıgs										
Number of A	ttempts	by BJ: 1	Comp	etition:	0		Wiper E	alls Us	sed:	X NO)	YE	s Q	uantit	y:		
Plug Catche	r Used:	X NO	YES				Parabo	v Used	l:	X NO)	YE	S				
Was There a	Bottom	: X NO	YES				Top of F	Plug: () FT		ı	Bottom	of Plu	g: 710) FT		
			Squeezes	s (Upda	ate Orig	inal Tre	atment	Repo	rt for F	Primary	/ Jol	o)					
BLOCK SQI	JFF7F	SHOE S	SQUEEZE	Т	OP OF L	INER SO	UFF7F		PLANI	NED	1 1	JNPLAI	NNFC				
Liner Packe		X NO	YES	<u> </u>		nd Log:	X NO	TY		PSI App					ht: 0 LI	3S/G	
			Casing Te	st (Up			eatmer										
Casing Test	Pressur		With		S/GAL	Mud	Time H			s 00 Min							
			Shoe Tes				atment	Repo	ort for l	Primary	y Jo	b)					
Depth Drilled	d out of	Shoe: 0 FT											EN/M	· 0 1 E	RS/GAI		
l		ests Conducted:	0				Target EMW: 0 LBS/GAL Actual EMW: 0 LBS/GAL Mud Weight When Test was Conducted: 0 LBS/GAL										
						I		J					2 20	_, _ , \L			



Problems Before Job (I.E. Running Casing, Circulating Well, ETC)

None

Problems During Job (I.E. Lost Returns, Equipment Failure, Bulk Delivery, Foaming, ETC)

None

Problems After Job (I.E. Gas at Surface, Float Equipment Failed, ETC)

None

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING: None

		PRESSURE	RATE DETAIL	-			EXPLANATION							
TIME	PRESSU	RE - PSI	RATE	Bbl. FLUID	FLUID	SAFETY MEI	ETING: BJ CREW X CO. REP. X							
HR:MIN.	PIPE	ANNULUS	ВРМ	PUMPED	TYPE	TEST LINES 4760 PSI								
						CIRCULATIN	G WELL - RIG X BJ X							
12:53	0	0	0	0	NA	Leave yard								
13:14	0	0	0	0	NA	Arrive on loc	eation (13 miles, rig ready)							
13:16	0	0	0	0	NA	Spot trucks								
13:21	0	0	0	0	NA	A Pre rig-up safety meeting								
14:07	0	0	0	0	NA	Pre job safety meeting								
14:21	65	0	1.2	1	H2O	Load lines								
14:24	4760	0	0	0	H2O	Pressure tes	st							
14:28	311	0	3.6	7	H2O	Pump until circulation								
14:31	945	0	3.4	56.4	CMT	Batch / weig	h / pump cement (235sx, 14.8ppg) * Lost returns @ 43							
						away *(SHu	t down early due to cement to surface.)							
14:56	280	0	0	0	NA	Shut down								
14:57	0	0	0	0	NA	Bleed off / w	rash up / done							
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	0	Y N	0	65	0	Y N								