CEMENTING TREATMENT REPORT					PIC	NEER					TREATMENT NUMBER SO2010021			<b>DATE</b> 8/1/2010					
NATURAL RESOURCES											STAGE 1			JOB TYPE Surface					
WELL NAME AND NO.  Evans 4-25 R					LOCATION	N (LEGAL) Sec.25, T30S, R36W		RIG NAME:			ral Resources Rig # 3	ral Resources Rig # 3		CEMENT PUMPER:			2305		
FIELD					FORMATI	ON Sec.23, 1303, R30W	WELL DATA		1	воттом		FT			TOP	2303	FT		
COUNTY	Hu	igoton-Panon	na		STATE	API NO		BIT SIZE	PIT	12 1/4	CSG/Liner Size	8 5/8	1						
COUNTY		Grant						TOTAL DEP' MUD TYPE	I H	616	WEIGHT FOOTAGE	591							
					•	•		BHST			GRADE	J-55							
RIG FOREMAN				Derrick	Berry/Tom B	eardsley	ВНСТ			THREAD LESS FOOTAGE	LT&C	<u> </u>							
GENERAL GUIDERANGOR				S. O		MUD DENSI	ry I		SHOE JOINT(S)	42	<del>                                     </del>					TOTAL:			
CEMENT SUPERV	ISOK				Stan Owens				EFrom Ground	Level To Head In	Disp. Capacity 35 evel To Head In Disp. Capacity							35	
								TYPE DEPTH				Tool	TYPE DEPTH						
								g TYPE				Stage To	TYPE						
SPECIAL INSTRUC	CTIONS							DEPTH Head & Plugs	<u> </u>	T	TBG	l ຶ່ສ □D.P.	DEPTH						
											SIZE		100	TYPE					
								Double E	Box 6	WEIGHT			ļ	DEPTH		OTER.		DEDEN	
								Swage		GRADE THREADS						SIZE			
								☐ Knockou	t	New	Used		+		OOL			BBLs	
LIFT PRESSURE         250         ps           PRESSURE LIMIT         1200         ps			si BUMP PLU	IC TO	DEPTH CEMENT TEMPERATURE:			92	TOTAL ANNULAR VOLUME					BBLs					
PRESSURE LIMIT			1200	ps	NO. of Cent		900	WATER QUALITY:		<u>.:</u>	7.5	рН	+		SG		<u></u>		
TIME		SSURE		E PUMPED	JOB SCHE	DULED FOR		ARRIVE ON	LOCATION			RIG UP					CATION		
0001 to 2400	TBG	CSG	INCR	CUM	TIME: RATE	23:00 <b>DATE:</b> FLUID TYPE	7/31/2010 DENSITY	TIME:	21:30	DATE:	7/31/2010	TIME:	6:00	DATE:	8/1/2010	TIME:	13:00	<b>DATE:</b> 8/1/2010	
11:00												Pre job	safety me	eting.					
11:21					0.5	H20	8.3					Test Pu	amps and l	Lines.					
11:24		80 20 4 H20 8.3					8.3	Pump H20 ahead.											
11:30		60	46		4	CMT	12.5				Mix a	nd pump	lead cemer	nt @ 12	.5 ppg.				
11:45		60	24		4	CMT	15		Mix and pump tail cement @ 15 ppg.										
											Chart January and January 1								
11:53					-							Shut down	and drop	top plug	g.				
44.54		220	20			****													
11:54		220	30		4	H20	8.3					Pump	displacen	nent.					
12.02		000	_			1120	0.2				D.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	اممعام امسم	l. 61 a a 4 a	( D: 1 -					
12:03		900	5 2 H20 8.3 Bump plug and check floats. (Did not hold.)																
					1														
12:07		1200	1		2	H20	8.3				Re-humr	nlug and	check floa	ts (H	eld O K	)			
12.07		1200	1		<del>                                     </del>	1120	0.5		Ke-bump plug and check moats. ( Held O.K. )										
								Call	Outs	10 Bbls/50 l	Psi. 20 Bbls/	100 Psi	30 Bb	ls./200	Psi. Fi	nal 350	Psi. Bump	oed @ 900 psi.	
					-														
											_	·							
											Pump	ed 15 bbl	s good cen	nent to t	the pit.				
					1		<del> </del>												
12.15								Post job safety meeting											
12:15 System Used	No.of	Yield		COMPOSITION OF SYSTEM															
	Sacks	ft <sup>3</sup> /sk							BBLS DENSITY										
SDC	130	2						SDC									46	12.5	
Surface Set         110         1.23							Surface Cement									24	15		
_			-																
			<u></u>	1										-				<u> </u>	
CIRCULATION	✓Y	′es 🗌	] No	WASHED C	ASING DOW		□ No ETURNED TO	SURFACE			BREAKDOWN BEFORE PLUG BUMI	)		PSI	FINAL		350	PSI	
DISPLACEMENT	VOL.		35	BBLS			15 Bbls.	SUMFACE			PRESSURE		DEPTH    SIZE   DEPTH   TAIL.PIPE: SIZE   DEPTH   TOTAL   BBLS.   BBLS						