

CEMENTING LOG

Company Owens Petroleum		Lease		Well Name/No.		Rend # 22	
Type Job Longstring		Type & Amt Material 70:30 2% Gel					
Field		Ticket Number 50171					
CASING DATA							
Size 2.875"		Type		Weight		6.4 Collar	
Casing Depths: Top		0 Bottom 862'					
Drill Pipe: Size		Weight		Collars			
Open Hole: Size 5.875"		T.D. (ft) 881'		P.B. to (ft)			
CAPACITY FACTORS							
Casing Bbls/Lin. ft.		0.00579		Lin. ft./Bbl			
Open Holes Bbls/Lin. ft.				Lin. ft./Bbl			
Drill Pipes Bbls/Lin. ft.				Lin. ft./Bbl			
Annulus Bbls/Lin. ft.		0.0255		Lin. ft./Bbl			
Bbls/Lin. ft.				Lin. ft./Bbl			
Perforations From (ft)		To		Amount			
CEMENT DATA							
Spacer Type Gelled water							
Amt. 12 BBL		Sks Yield		ft ³ /sk Density (PPG)			
LEAD							
Pump Time (hrs)		Type		Excess			
Amt.		Sks Yield		ft ³ /sk Density (PPG)			
TAIL							
Pump Time (hrs)		Type 70:30 2% Gel		Excess		20%	
Amt. 96		Sks Yield		1.28 ft ³ /sk Density (PPG)		14.5	
WATER							
Lead		gals/sk		Tail		5.91 gals/sk Total (Bbls.)	
Pump Trucks Used						135	
Bulk Equipment						230	
						241	
Float Equipment: Manufacturer							
Shoe: Type				Depth			
Float: Type				Depth			
Centralizers: Quantity		Plugs: Top TRP		Bottom			
Stage Collars							
Special Equipment							
Disp. Fluid Type		Amt. (Bbls.)		4.99		Weight (PPG)	
Mud Type WBM						Weight (PPG)	

COMPANY REPRESENTATIVE Bryson Owens CEMENTER Jake Heard

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	PUMPED/ TIME PERIOD	RATE (BBLS MIN.)	
						On location safety meeting
						Spot in and rig up
						Hook up to tubing
11:19 AM	200		5		3	Break circulation
	200		12		3	Pump gelled water
	200		3		3	Pump fresh water
	200		5		3	Pump dyed water
	150		21.88		3	Mix and pump cement
						Stop
						Wash pump and lines
						Drop plug
	300		4.99		3	Displace
11:48 AM	1500				3	Bump plug
						Release pressure
						Shut in well
						Wash up pump
						Rig down and leave location
						Thanks— Jake, Kevin, and Ron