ARCO Permian A UNIT OF ATLANTIC RICHFIELD						
Well Name:	BARCLAY S	STATE # 7	Date	04-08-00 Pg.	<u>1</u> of <u>1</u>	
CASING DETAIL FROM BOTTOM to TOP						
MD:	895'	Bit Size: <u>17-1/</u>	2" Open	Hole Volume	1463 CuFt	
Size	Length	# of Joints	Weight	Grade	Connection	
13-3/8"		Notched Texas Pattern	Shoe	J-55	8rdST&C	
13-3/8"	45.05	1	48	H-40	8rd ST&C	
13-3/8"	0.00	Insert Float Valve		J-55	8rd ST&C	
13-3/8"	854.28	19	48	H-40	8rd ST&C	
	· · · · · ·					
	· · · · · · · · · · · · · · · · · · ·				1	
				<u> </u>	1	
		NOTE:	1			
		Jt.No's 21 & 22 out				
<u>,</u>		22 Joints on Location			1	
· · · · · ·				1		
	899.99	Total Pipe Run in Hole	e 20 JOINTS	TOTAL	•	
-						
	881.27	4	e 19 JOINTS	+ 1 PIECE		
+	13.73					
	895.00					
Centralizers: 7 # Run Placement Depths: 890, 849, 714, 533, 354, 174 & 39						
Other Cementing Aids:						
	inonang / ado.					
Primary Cementing Detail - Cementing Co.: HOWCO Dowell X BJ Lead: Type: 35:65 "C" Vol: 500 sxs, Wt: 12.7 ppg, Yield: 1.88 CuFt/sx, Mix wtr: 10.07 Gal/sx Additives: 6% bwoc Bentonite + 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.005 lbs/sack Static Free + 0.005						
gps FP-13L Tail: Type: Class "C" Vol: 200 sxs, Wt: 14.8 ppg, Yield: 1.35 CuFt/sx, Mix wtr: 6.35 Gal/sx						
Additives: 2% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 0.005 lbs/sack Static Free + 0.005 gps FP-13L						
Audilives.		Tide + 0.25 IDS/Sack Cello Flake	+ 0.000 IDS/Sack Static F	166 + 0.000 gps FF-10	<u>.</u>	
Displaced compart with 124.1 RPI S of EW. fluid Burnard alva (AKA) with 127						
Displaced cement with <u>134.1</u> BBLS of <u>FW</u> fluid. Bumped plug (No.) with <u>635</u> psi Returns (Full), Reciprocated pipe (No.), Circulated cement (Y (Yes) 000 sacks Job completed @ hours, Date 04-08-00 // 9						
Remarks: 20" Conductor cemented at 40'						
First 3 joints are Baker Loked including shoe. 13-1/8" x 17-1/2" Latch-on bow type centralizers placed						
5' above shoe w/stop ring anc across collar No's 1, 4, 8, 12, 16 & 19.						
20" conductor cut-off 36" BGL. 13-3/8" surface casing cut off 8" AGL. Welded on 13-3/8" S/O x 13-5/8"						
3M "A" Section.						
Circ-900 sxs to pit 1195X						
WOC 6 hours before cutting off 13-3/8" casing.						
N.M.O.C.C. NOTIFIED 22:10 hrs (14-07-00 No witness Supervisor Don Johnson						