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Atlantic Richfield Company	
l 9 Well No.	
3. Address of Operator	
Box 1710, Hobbs, New Mexico 88240 134	
4. Location of Well 10. Field and Pool, or Wildcat	
UNIT LETTER M . 10 FEET FROM THE SOUTH LINE AND 640 FEET FROM EMPIREADO	
THE West LINE, SECTION 2 TOWNSHIP 185 RANGE 27E NMPM.	
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PERFORM REMEDIAL WORK ALTERING CASING	日
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17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any pro-	
17. Describe Proposed of Completed Operations (Clearly state all pertinent details, and give pertinent details, including termined and your book work) SEE RULE 1103.	posed

Spudded 11" hole @ 3:00 PM 1/17/79. Fin 11" hole to 1000' @ 4:30 PM 1/18/79. RIH w/8-5/8" OD 24# K-55 csg, set @ 1000', FC @ 917'. Cmtd 8-5/8" OD csg w/300 sx HL, 6# salt/sk & 2% CaCl followed by 150 sx C1 C cmt cont'g 6# salt/sk, 2% CaCl. PD @ 12:30 AM 1/19/79. Circ 75 sx cmt to pit. WOC 12 hrs. The following compressive strength criterion is furnished for cmtg in accordance w/Option 2 of the OCD Rules & Regulations as follows:

- 1. The volume of cmt slurry used was 552 cu ft of HL cmt cont'g 6# salt/sk & 2% CaCl followed by 198 cu ft of Cl C cmt cont'g 6# salt/sk & 2% CaCl. Circ 138 cu ft cmt to pit.
- 2. Approx temperature of cmt slurry when mixed was 69° F.
 - 3. Estimated minimum formation temperature in zone of interest was 70°F.
 - 4. Estimate of cmt strength @ time of csg test was 1850 psig.
 - 5. Actual time cmt in place prior to starting test was 12 hrs. Pressure tested csg to 1500# 30 mins OK.

15. I hereby certify that the i	· · · · · · · · · · · · · · · · · · ·	a acomplate to the best (11 TO V	XOOWIECCE.	ang	Denc.

SIGNER THE STORE	Dist. Drlg. Supt.	DATE	1/23/79
For Record Only	SUPERVISOR, DISTRICT IL	DATE	JAN 3 0 1979

CONDITIONS OF APPROVAL, IF ANY: