

WINNINGHAM #3
JALMAT (GAS) FIELD
LEA COUNTY, NEW MEXICO


Plug and Abandonment Procedure

PROJECT ENGINEER: Denny O'Connell


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1. Notify New Mexico OCD prior to starting work.
2. MIRU PU. ND wellhead, NU BOP. Pull tubing and rods laying down. Pu workstring and run 5-1/2" casing scraper to 2730'; POOH.
3. Set a cement retainer at 2500' and squeeze open hole with 80 sxs class "C" cement with 2% CaCl₂ added. Cap retainer with a 10 sx cement plug up to 2450'. Pull up above plug and circulate hole with gelled 9 ppg brine.
4. Pull up to 1420' and spot a cement plug across the top of the salt at 1300'- 1420' using 20 sks cement. POOH.
5. Perforate four squeeze holes at 350'. Open bradenhead and establish circulation of H₂O to surface. Pump 120 sks cmt (assume 50% eff.) down casing allowing it to circulate out of bradenhead. Do not displace!
6. Cut off casing 3' below ground level and install P&A monument. RDMO PU. Lay down workstring. Clear and restore location.

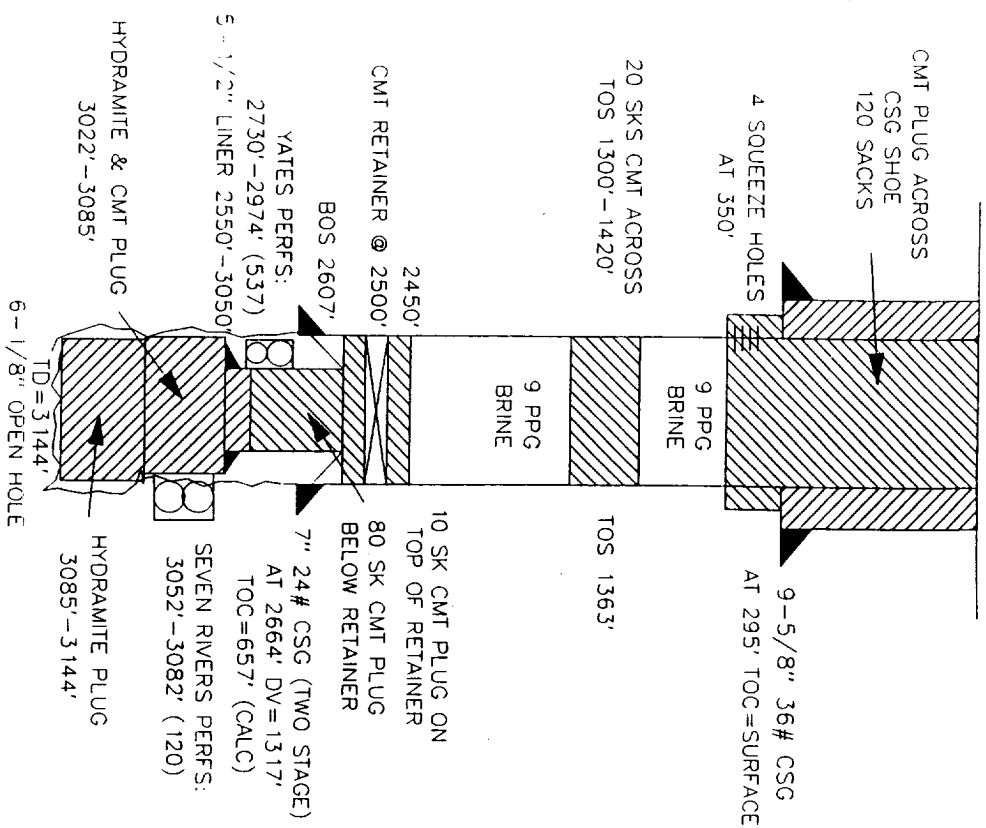
APPROVED:


T. J. Harrington

DATE:


22 July 92

WINNINGHAM #3
JALMAT (GAS) FIELD
LEA COUNTY, NEW MEXICO
JDO 6/2/92
CONDITION AFTER P & A



WINNINGHAM #3
JALMAT (GAS) FIELD
LEA COUNTY, NEW MEXICO
DO 6/2/92
CURRENT CONDITION

