

Submit 3 Copies  
to Appropriate  
District Office

State of New Mexico  
Energy, Minerals and Natural Resources Department  
**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-103  
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer Dd, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, Nm 87410

API NO. (assigned by OCD on New Wells) <b>30-025-33544</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No. <b>14920</b>
7. Lease Name or Unit Agreement Name <b>MATTERN</b>
8. Well No. <b>4</b>
9. Pool name or Wildcat <b>DRINKARD</b>

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BAC DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> WELL <input checked="" type="checkbox"/> WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	2. Name of Operator <b>ARCH PETROLEUM INC.</b>
3. Address of Operator <b>10 DESTA DRIVE, SUITE 420E, MIDLAND, TX 79705</b>	4. Well Location Unit Letter <b>K</b> : <b>2310</b> Feet From The <b>SOUTH</b> Line and <b>2310</b> Feet From The <b>EAST</b> Line Section <b>30</b> Township <b>21S</b> Range <b>37E</b> NMPM <b>LEA</b> County 10. Elevation(Show whether DF, RKB, RT, GR, etc.) <b>GL=3491' KB=3502'</b>

11

Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

**NOTICE OF INTENTION TO:**

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐  
OTHER: ☐

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTER CASING ☐  
COMMENCE DRILLING OPNS. ☒ PLUG AND ABAN. ☐  
CASING TEST AND CMT JOB ☒  
OTHER: **Initial Completion** ☒

12. Describe Proposed or Completed Operations(Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

3/15/97 MIRU Cantex rig #1. Spud 12 1/4" hole @ 3:15 PM CDT on 3/15/97.  
3/18/97 Set 8-5/8" casing @ 1257, with lead cmt. of 520 sx Cl. "C" w/4% gel, 1/4# cello-flake, & 2% CaCl<sub>2</sub>, tail cmt. 100 sxs Cl. "C" neat w/2% CaCl<sub>2</sub>. Circ. 130 sxs. to surface.  
4/2/97 Reached TD of 6818' @ 2:15 PM on 4/2/97. Ran 211 jts. 5-1/2" J55 & N80 15.5# & 17# LT&C yellow band casin set @6818'. Cement Stage 1, 625 sxs 50/50 PozC w/2% gel, 5# salt, 4/10% FL-62 open DV & did not circ. Stage 2, 1250 sxs. 50/50 PozC w/10% gel, 5# salt, 5# gilsonite, 1/4# cello flake. Tail w/150 sxs Cl "C" w/2% CaCl. Did not circulate. TOC @ 1400' by TS, PBTD=6795'  
4/12/97 RU Apollo, perforated f/6652' to 6659' (w/4- 0.45" JHJPF). Total 10 holes. Acidize perfs w/11,000 gal. 15% NEFE HCL.  
4/14/97 RU BJ & Frac perfs. Screened out during 6th stage. 24,352" sand in formation, 36,628# sand in casing, 13,020 sand in hopper.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Boobbie Brooks* TITLE PROD. ANALYST DATE: 4/23/96  
TYPE OR PRINT NAME BOBBIE BROOKS TELEPHONE NO. 915/685-1961

APPROVED BY Orig. Signed by Paul Kautz TITLE Geologist DATE MAY 06 1997  
CONDITIONS OF APPROVAL, IF ANY