Form 3160-3 SUBMIT I **TPLICATE** (Miveriber 1983). COMMISSION (Other ins. tions on Budget Bureau No. 1004-0136 UNITED STATES (Dring War 19 13) C) reverse side) Expires August 31, 1985 8621 DEPARTMENT OF THE INTERIOR Artesia, NM 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT NM-76944 APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 1a. TYPE OF WORK DRILL X 7. UNIT AGREEMENT NAME DEEPEN 🗌 PLUG BACK [b. TYPE OF WELL OIL WELL SINGLE ZONE MULTIPLE Zone x OTHER 8. FARM OR LEASE NAME 19060 2. NAME OF OPERATOR Pan Am Pardue "ALZ" Fed. Carlotte & Ballo Yates Petroleum Corporation 9. WELL NO. 3. ADDRESS OF OPERATOR 100% #2 105 South Fourth Street, Artesia, New Mexico 88210 10. FILLD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface Morrow 660' FSL & 2610' FEL 11. SEC., T., R., M., OR BLK.

AND SURVEY OR AREA At proposed prod. zone Same Sec. 22-T21S-R24E 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 12. COUNTY OR PARISH | 13. STATE Approximately 14 miles NW of Carlsbad, New Mexico Eddy 15. DISTANCE FROM PROPOSED* 16. NO. OF ACRES IN LEASE LOCATION TO NEAREST PROPERTY OR LEASE LINE. 17. NO. OF ACRES ASSIGNED TO THIS WELL 660' (Also to nearest drlg. unit line, if any) 18. DISTANCE FROM PROPOSED LOCATION 19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 10,000 Rotary 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START* 3650' GR ASAP 23 PROPOSED CASING AND CEMENTING PROGRAM TER BAS SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 17 1/2" 13 3/8" 450 # - J55 300 300 sacks circulated 12 1/4" 5/8" 2800 # - J55 2800 250 sacks circulated 8 3/4" 7" 26 - N80TD sacks Tie-Back to Drilling info enclosed on APD APPROVAL SUBJECT TO General requirements and SPECIAL STIPULATIONS ATTACHED V-Door: North or Southwest IO-) 7-2-93 NLAAPI IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, any 24. Landman SIGNED 4-21-93 (This space for Federal or State office use) PERMIT NO. (ORIG. SGD.) RICHARD L. MANUS JUN 25 1993 area Manager APPROVED BY TITLE CONDITIONS OF APPROVAL, IF ANY :