Form 3160-3

6-1/8-6-1/4"

4-1/2"

SUBMIT IN TRIPLICATE.

30-043-20747

To be determined from Caliper Log.

(Other instructions on

Form approved. Budget Bureau No. 1004-0136

| (November 1983) | UNI | TED STATES | | reverse side) | Expires Augus | st 31, 1985 |
|-------------------------|--|----------------------------|---------------------|----------------|--------------------------------|-----------------------|
| , | DEPARTMEN | T OF THE INT | ERIOR | | 5. LEASE DESIGNATIO | N AND BERIAL NO. |
| | BÙREAU OI | LAND MANAGEN | MENT | | NM 39532 | |
| APPLICATI | ON FOR PERMIT | TO DRILL, DE | EPEN, OR PL | LUG BACK | 6. IF INDIAN, ALLOTT | EE OR TRIBE NAME |
| la. TYPE OF WORK | | | | IG BACK 🗆 | 7. UNIT AGREEMENT | NAME |
| b. Type of well | DRILL XX | DEEPEN [| PLU | IG BACK | | |
| OIL XX | GAS WELL OTHER | | SINGLE ZONE | MULTIPLE | 8. FARM OR LEASE N | AMB |
| 2. NAME OF OPERATO | | | 20.13 | | Federal 24 | -2 |
| Champ | olin Petroleum Com | npany ' | | | 9. WELL NO. | |
| 3. ADDRESS OF OPERA | | | | | 2 | • |
| P. O. | . Box 1257, Englev | 000, 00 00 |) | | 10. FIELD AND POOL | |
| 4. LOCATION OF WELL | L (Report location clearly an | d in accordance with a | ny State regulemmen | 作。ことに | Rio Puerco - | |
| SE | SW (660' FSL & 19 | 80' FWL) | (| 2 LIVE | - AUD SOMANT OF | R DLK. ARPA |
| At proposed prod | | • | 0.0 | T 2 4 1984 | N Caraliana 2 may | 081 T105.7 |
| | | | | | Section 2-T2 | |
| SW on Hwy BLM Road 1 | 197, west on BLM 104, then west 3 | Road 1101 2 mile on Seismo | iles Antortho | and north | Sandoval | New Mexico |
| 10. DISTANCE FROM I | PROPOSEDY DOO ILLOO . | location. 10 | NO. OF ACRES IN | | OF ACRES ASSIGNED THIS WELL | |
| PROPERTY OR LEA | | 660' | 320 | ,320 | W/2 of Sect | ion 2) 301.36 |
| 18. DISTANCE FROM | PROPOSED LOCATION* | 19 |). PROPOSED DEPTH | 20. пот | ARY OR CABLE TOOLS | |
| OR APPLIED FOR, O | n this Lease, Ft. | 3300' | 4900' | 0-11 | Rotary | • |
| DILLING OPERATIONS | whether DF, RT, GR, etc.) AUTHORIZED ARE | | , | | | WORK WILL START* |
| UBJECT TO COMPLIAN | CE WITH ATTACHED | GR, 6476' KB | | | . Upon appro | |
| GENERAL REQUIREME | | PROPOSED CASING | AND CEMENTING | PROGRAM This 8 | ction is subject to ad | ministrative |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER POOT | SETTING D | | pursugni der 300 CFR | |
| 12¼" | 9-5/8" | 36# | 500' | 420 C | F "B" w/½#/sx | Flocele & |
| | | | | 2% Ca | Cl ₂ . | |
| 0.3/41 | 711 | 2011/2011 | 11001 | 441 0 | F 50-50 Poz w | /2% Gel, 6¼#/sx |
| 8-3/4" | 7" | 32#/26# | 4100' | ' Gilso | onite, 4/sx F | locele & 190 CI |
| | | | | "B" 1 | Neat w/¼#/sx F | locele, 2% CaCl |
| | | | | Open | DV & amt w/56 | 7 CF 50-50 Poz |
| | | | | | | |

Drill 12½" hole to 500'. Set 9-5/8" casing and cement to surface. WOC 12 hours, test surface casing & BOP before drilling out. BOP to be operated each day after drilling out. Drill 8-3/4" hole to approximately 4100'. Set 7" casing and cement. WOC 24 hours. Air drill 6-1/8" or 6-1/4" hole to approximately 4900'. In the event of commercial production, 4½" casing will be run and cemented to 500' above uppermost productive zone. All shows of oil/gas will be tested.

4900

11.6#

| IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and me preventer program, if any. | asured and true vertical depths. Give blowout |
|--|---|
| SIGNED RAMONA J. RICCELE A ST. Engineering Aide | APPROYED - 4 |
| (This space for Federal or Sta Dacetise) PERMIT NO | AS AMENDED DEC 1 4 1984 [18] A Stan McKee |
| APPROVED BY OIL CONDINTLE | ASST AREA MANAGER FARMINGTON ACCOUNCE AREA |

EXHIBIT I

STATE OF NEW MEXICO
CHERGY AND MINERALS DEPARTMENT

-1

P. O. UOX 2048 SANTA FE, NEW MEXICO 87501

form C-107 kevised 10-1-

| erator | | te must be from the cute | | | Well No. |
|--|--|---|--|--|--|
| CHAMPLIN PETROL | FEDER! | FEDERAL 21-2 | | 2 | |
| nit Letter Section | on Township | Range | Coun | • | |
| N 2 | | ON 3W | <u> </u> | Sandoval | |
| tual Footage Location o | • | 3000 | | I.I - | |
| | from the South | line and 1980 | feet from | the West | line Dedicated Acreage: |
| ound Level Elev: | Producing Formation | Pool | Pool Riviner | | 7-17- |
| 6931 | reage dedicated to the | | | | |
| 3. If more than on dated by community Yes If answer is "rethis form if necent No allowable weeks and roy | valty). e lease of different or initization, unitization. No If answer is 'no,' list the owners are essary.) | wnership is dedicated i, force-pooling. etc? "yes;" type of consoli nd tract descriptions well until all interest | d to the well, have idationwhich have actuals have been cons | e the interests of | hereof (both as to working all owners been consolinated. (Use reverse side munitization, unitization approved by the Commi |
| sion. | 68 | | | tained h | CERTIFICATION certify that the information control is true and complete to the injury leading and belief. |
| | Sec. | OIL CO | GETVE 181984 DN. DIV. | Norme Norme Region Company Champl Date 12-27- | A. Scott al Drilling Mana in Petroleum Co. |
| | 1 | 2 | | shown a | y certify that the well locati n this plat was plotted from fic f actual surveys made by me |

Scale: 1"-1000'

JOHNSON TRADING POST QUADRANGLE DEPARTMENT OF THE INTERIOR NEW MEXICO-SANDOVAL CO GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 309000m.E. 107*()7:30* Vicinity Map for CHAMPLIN. PETROLEUM CO.#2 FEDERAL 24-2 660'FSL 1980'FWL Sec. 2-T20N-R3W SANDOVAL COUNTY, NEW MEXICO **.** . 28