| Form | 3160-3 |
|-------|--------|
| (July | 1992) |

UNITED STATES DEPARTMENT OF THE INTERIOR

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

FORM APPROVED OMB NO. 1004-0136

| | | BUR | EAU OF LAN | ND MANAGEN | MENT | | reverse algey, r | | 5. LEASE DESIGNATION AND SERIAL NO. |
|---|--|---|--|---|-----------------------------------|--|---|--|---|
| | APPLIC | ATION | FOR PER | RMIT TO DI | RILL | OR DEEP | EN 0 | PM | |
| 1a. TYPE OF WORK | Drill | X | | Deepen | | | 8- MUL 86 | · · · · | GIC460 6 IF INDIAN, ALLOTTEE OR TRIBE NAME WIGGINIA APACHE 7. UNIT AGREEMENT NAME |
| b. TYPE OF WELL | _ | | | Боорон | Ш | l | AL RUQU | ERU | 7 LINIT AGREEMENT NAME |
| Oil Well | Gas Well | X | Other | | | Single Zone | Multiple Zone | | N/A |
| 2. NAME OF OPERA | TOR Mallon Oil | Comr | Jany 13 | 925 | | - | | | 8. FARM OR LEASE NAME, WELL NO. 20 |
| 3. ADDRESS AND T | | | , carry | | | | | | Jicarilla 460-15 No. 4 |
| | P.O. Box 3 | | | | | | S I I I | | 9. API WELL NO. 39-25904 |
| 4 1 2 2 4 7 2 4 4 7 7 7 7 7 | Carlsbad, | NM 8 | 8220 | (505) 885- | 4596 | 6 D) 2 | | 弖 | THE DAND POOL OF WILDOAT |
| LOCATION OF W At surface | ELL (Report loca | tion clearl | yand in accord | lance with any St 330' FEL (| ate req | uirements() | | | Blanco, Pictured Cliffs 72 |
| | | 100 | · OL and | 000 1 LL (| | ar) dilita | JUL 6 19 | 98 | 11 SEC., T., R., M., OR BLK. AND SURVEY OR AREA |
| At proposed prod. zo | ne | 180' | FSL and | 330' FEL (S | SE/S | E) Unit P | | 0 | |
| 14. DISTANCE IN MI | LES AND DIDEC | CTION ED | OMMEADEOT | TOWN OF FOR | Ŧ 0== | | _COM_1 | A | (Sec. 15, T30N-R3W |
| 14. DISTANCE IN MI | 54 miles e | ast of | OM NEAREST Bloomfield | d, New Mex | SI OFF | ICE, CITE | | נוכי | Rio Arriba 13. STATE |
| 15. DISTANCE FRO | | | | u, 1101/ 1110/ | | 16. NO. OF ACR | ES NILEASE 3 | 17. 1 | NO. OF ACRES ASSIGNED |
| LOCATION TO NEAR | | | | | | | | | |
| PROPERTY OR LEAS | | | | 180' | | 1920 | | | 160 171.53 |
| (Also to nearest drig. 18. DISTANCE FROI | | OCATION | I* | | | 19. PROPOSED | NEDTU | 120 [| · |
| TO NEAREST WELL | | | | | İ | 19. FROPOSED | UEFIR | 20. F | ROTARY OR CABLE TOOLS |
| OR APPLIED FOR, O | <u>-</u> | | | | | 4 | 500' | | Rotary |
| 21. ELEVATIONS (SH | OW WHETHER | DF, RT, | GR, Etc.) | 7183' GL | : | 22 APPROX.DATE | WORK WILL START | | July 4, 1998 |
| 23. | 05455 | | | | | | NG PROGRAM | | |
| SIZE OF HOLE 12-1/4" | | SIZE OF (| CASING | WEIGHT PI | | | SETTING DEPT | Н | QUANTITY OF CEMENT |
| 7-7/8" | | 5-1/2" | | | 24# 15.5 | | 500' 4500' | | Circ. to surface |
| | | J 1,2 | | | 10.0 | <u>r </u> | 4500 | | 570 sks |
| | | | | | | | | | |
| consistent with in the following Drilling Progra Exhibit 1: Ble Exhibit A: Lo Exhibit B: Ex Exhibit C: Or IN ABOVE SPACE DE to drill or deepen direct 24. | m Pederal regarded attachme ow Out Precation and isting Road isting Road isting Road iscribe PROPORTIONALLY, give per rry Lindem | ented agulation that the control of | Equipme Equipme tion Plat aned Acce ap | non-producticific program nt/Plan ess Roads posal is to deepeele locations and m | tive, ms a { { { ! | Exhibit D: Exhibit E: Exhibit F: Exhibit G: e data on present ad and true vertical | I be plugged a ore Oil and Ga Drilling Site La Production Fa H2S Continge Environmenta | ayou cilition ncy I Assoropose ut prev | es Plan Sessment de new productive zone. If proposal is enter program, if any. |
| (This space for Federa | ll or State office (| ıse) | | | | | | | |
| PERMIT NO. | | | | - | | | APPROVAL DA | ATE | |
| Application approval d operations thereon. | oes not warrant o | or certify th | nat the applicar | nt holds legal or e | quitab | le title to those rig | hts in the subject leas | e whic | h would entitle the applicant to conduct |
| CONDITIONS OF APE | ROVAL, IF ANY I Signed) HE | CTOR / | . VILLALOI | BOS | ۸. | , , | 1 | | JUC 1 1998 |
| APPROVED BY | | | | TITLE | as | St Feel | & Mar | DA1 | E |
| | | | | *Coo Ing**** | atio- | a On Bouers | 0 | | |

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions On Reverse Side

HOLD C-104 FORNSL

DRILLING PROGRAM

Attached to Form 3160-3
Mallon Oil Company
Jicarilla 460-15 No. 4
180' FSL and 330' FEL (SE/SE) Unit P
Sec. 15, T30N-R3W
Rio Arriba County, New Mexico

Lease Number: JIC460

1. Geologic name of surface formation: San Jose

2. Estimated tops of important geologic markers:

| San Jose | Surface |
|-----------------|---------|
| Ojo Alamo | 3230' |
| Kirtland | 3458' |
| Fruitland | 3478' |
| Pictured Cliffs | 3768' |
| Lower P.C. | 4017' |
| Total Depth | 4500' |

3. Estimated depths of anticipated fresh water, oil or gas:

| San Jose | 50' | Fresh Water |
|-----------------|-------|-------------|
| Ojo Alamo | 3230' | Gas |
| Fruitland | 3478' | Gas |
| Pictured Cliffs | 3768' | Gas |

No other formations are expected to give up oil, gas, or fresh water in measurable quantities. The surface fresh water sands will be protected by setting 8-5/8" casing at 500' and circulating cement back to surface.

DISTRICT I P.O. Box 1980, Hobbs, N.M. 88241-1980

State of New Mexico Energy, Minerals & Natural Resources Department

Form C-102 Revised Febuary 21, 1994 Instructions on back it to Appropriate District Office

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II P.O. Drawer DD, Artesia, N.M. 88211-0719

DISTRICT III 1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV PO Box 2088, Santa Fc. NM 87504-2088 OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

| | | γ | VELL LO | CATIO | N AND A | ACRE | AGE D | EDI | CAI | 'ION PL | AT | | |
|--------------------------|---------|----------------|--------------|-----------|--------------------------------------|--------------------------|-----------------------------|------------------|-------------------|----------------|----------------|-----------------------|--|
| | Number | | ı | Pool Code | L | | 910 | | | Pool Name | | | |
| 30-039 | 7-25 | 107 | | | | | 3/A/ | VC | 10 | PC | | | |
| ⁴ Property Co | de | *Property Name | | | | | | | | | | | ell Number |
| 228 | 3611 | | | a 460-15 | | | | | # 4 | | | | |
| OGRID No. | ا سـ | | | | - | tor Nam | | | | | ļ | | Elevation |
| 1392 | 5 | | | | Mallon | | | | | | | 7 | 183' |
| | | | | | 10 Surfac | | | | | | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from th | he North/South line Feet | | | et from the East, | | st line | County R1O | |
| | 15 | 30 N | 3 W | | 180 | | South | | | 30 | | | Arriba |
| | | | 11 Botte | om Hole | | | | | | Surface | | | |
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from t | he h | orth/South | outh line Feet | | t from the | Rast/West line | | County |
| | | | | | | | | | | | l | | |
| " Dedicated Acre | | or Infill | Consolidatio | n Code | Order No. | | | | | | | | |
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| EXHIB | IT A | | | | | | / | . 0 | 224 | . [| 38// | 394 | |
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