

## WOOD-McSHANE, INC.

MANAGEMENT AND OPERATIONS

TELEPHONE 915 - 943-3092 P. O. BOX 968 MONAHANS, TEXAS 79756

November 21, 1972

New Mexico Oil Conservation Commission

Secretary-Director

P. O. Box 2088

Santa Fe, New Mexico 87501

ATTN: Mr. A. L. Porter, Jr.

R.3910 # 70113

Alue Mes 17

Re: Wood, McShane & Thams 692, Ltd.

Application to Drill
"M" State Nos. 68 and 69
Langlie Mattix Pool
Lea County, New Mexico

## Gentlemen:

Wood, McShane & Thams request approval to drill New Mexico "M" State Nos. 68 and 69 on unorthodox locations in the Langlie Mattix Pool. Commission Order No. R-3910, dated January 14, 1970, provides for administrative approval of wells to be drilled at orthodox and unorthodox locations within the "M" State Lease Waterflood Project, provided said wells are drilled no closer than 300 feet to the outer boundary of the subject lease nor closer than 10 feet to any quarter-quarter section or subdivision inner boundary.

Forms C-101, Notices of Intention to Drill, have been filed with the District Office and are attached along with Form C-102s showing the location of each well.

Wood, McShane & Thams will appreciate very much your prompt approval of these locations.

Yours very truly, WOOD-McSHANE & THAMS 692, Ltd.

K. D. Myrick

. .

cc: Mr. Joe Ramey

|   |                  |                            | ,                 |               |                                |  |  |  |
|---|------------------|----------------------------|-------------------|---------------|--------------------------------|--|--|--|
| NO. OF COPIES RECEIVED  |                  |                            |                   |               |                                | W.                                       |  |  |
| DISTRIBUTION  | NEW              | MEXICO QIL_CONSE           | RVATION-GOMMIS    | SION .        | Form C-101                     |  |  |  |
| SANTA FE  |                  | ן וֹבּ (נְנֹעַלְי          | Revised 1-1-6     | 55            |                                |  |  |  |
| FILE  |                  | 5A, Indicate Type of Lease |                   |               |                                |  |  |  |
| U.S.G.S.  |                  | IIII NO                    | v 27 1972         |               | STATE                          |  |  |  |
| LAND OFFICE<br>OPERATOR   |                  |                            | , , , , , , , ,   | اللا          | B-9                            | & Gas Lease No.                          |  |  |
| OPERATOR  | <u></u>          | OIL CON                    | SERVATION CO      | MM.           | inni                           | mmmm                                     |  |  |
| APPLICATION   | FOR PERMIT TO    | DRILL, DEEPEN,             | AP                |               |                                |  |  |  |
| la. Type of Work  |                  |                            |                   | , .           | 7. Unit Agre                   | eement Name                              |  |  |
| DRILL [X]   | ,                | DEEPEN []                  | PL                | UG BACK       |                                |  |  |  |
| b. Type of Well   |                  |                            |                   | 1             | 8. Farm or Lease Name          |  |  |  |
| OIL GAS WELL 2. Name of Operator  | OTHER            |                            | ZONE X            | ZONE ZONE     | New Me                         | xico"M" State                            |  |  |
| 1   | S. Thoma - 602   | Timited                    |                   |               |                                |  |  |  |
| Wood, McShane   | x Inams-092,     | rimired                    |                   | ·             | 10. Field and Pool, or Wildcat |  |  |  |
| P. O. Box 968,  |                  | Langlie Mattix             |                   |               |                                |  |  |  |
|   |                  | ATED 23.6 F                | EET FROM THEE     | ast LINE      | IIIII                          |  |  |  |
| 1/12  |                  |                            |                   |               |                                |  |  |  |
| AND 1413 FEET FROM T  | HE South LIN     | E OF SEC. 30               | WP. 22-S RGE.     | 37-E NMPM     | 12, County                     | 111/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/ |  |  |
|   |                  |                            |                   |               | Lea                            |  |  |  |
|   | HHHHH            | HHHHHH.                    |                   |               | THIT!                          | HHHHHm                                   |  |  |
|   |                  |                            |                   |               |                                |  |  |  |
|   |                  |                            | 9. Proposed Depth | 19A. Formatio | on                             | 20. Rotary or C.T.                       |  |  |
| 21. Elevations (Show whether DF, R  | T are a solution | & Status Plug. Bond 2      | 3770'(GL)         | Queen         | 100                            | Rotary                                   |  |  |
| 3392' (GL)  |                  | ket on File                | -                 |               | 12-4                           | t. Date Work will start                  |  |  |
| 23.   |                  | RCC OII IIIq               | NOU KIE GO        | rp.           | 1 12-4                         | -12                                      |  |  |
| •   | Р                | ROPOSED CASING AND         | CEMENT PROGRA     | М .           |                                | •  |  |  |
| SIZE OF HOLE  | SIZE OF CASING   | WEIGHT PER FOOT            | SETTING DEF       | TH SACKS O    | F CEMENT                       | EST. TOP                                 |  |  |
| 12-1/4"   | 8-5/8''          | 20#                        | 330'              |               | 5 Sx.                          | Surface                                  |  |  |
| /-//8"  | 5-1/2"           | 14 & 15.5#                 | 3770'             | 285           | 5 Sx.                          | 2500'                                    |  |  |
| · 1   |                  | ĺ                          |                   |               |                                |  |  |  |
|   |                  |                            |                   |               |                                |  |  |  |
| 1. Drill 12-1/4"  | hole and ce      | ment 330' of               | 8-5/8" ca         | sing with     | n 225 sa                       | acks.                                    |  |  |
| 0 5 11 7 7 (01)   |                  | 701                        |                   |               |                                |  |  |  |
| 2. Drill 7-7/8" 1   | note 330,-3/     | 70'.                       |                   |               |                                | •  |  |  |
| 2 Pun 27701 of 1  | 5 1/211          |                            |                   | •             |                                |  |  |  |
| 3. Run 3770' of !   | )-1/2 casin      | g and cement               | with 285          | sacks.        |                                | •  |  |  |
| 4 log and perfec  | rato Oucon a     |                            |                   |               |                                |  |  |  |
| 4. Log and perform  | race Queen z     | one.                       |                   |               | ė.                             |  |  |  |
| 5. Acidize and fr   | ran              |                            |                   |               |                                |  |  |  |
| J. Herdrae and I  | iac.             | •                          |                   |               |                                |  |  |  |
|   |                  |                            |                   |               |                                |  |  |  |
|   |                  |                            |                   | ı             |                                |  |  |  |
|   |                  |                            |                   |               |                                |  |  |  |
| 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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY. |                  |                            |                   |               |                                |  |  |  |
| I hereby certify that the information above is true and complete to the best of my knowledge and belief.  |                  |                            |                   |               |                                |  |  |  |
| Signed S-U-Dair Title Petroleum Engineer Date 11-14-72  |                  |                            |                   |               |                                |  |  |  |
| Signed / 1-D-V (-   | e) wire          | Title FELFOIE              | om ruginee.       |               | Date 11.                       | -14-/2                                   |  |  |
| (This space for St  | ate Use)         |                            |                   |               |                                |  |  |  |

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION IN

Form C-102 Supersedes C-128 Effective 1-1-65

All distances must be from the outer boundaries of the Section V 2 7 1972

| Wood, McShane and Thams - Colorado New MexicoCSTATE Wall to. 68  |   |                   |                       |           |  |  |  |  |  |  |
|--|---|-------------------|-----------------------|-----------|--|--|--|--|--|--|
| Unit Letter  | Section   | Township          | Range County Sanfa Fe |           |  |  |  |  |  |  |
| t  | 30  | 22 South          | 37 EAST               | <u> </u>  | LEA  |  |  |  |  |  |
| Actual Footage Location of Well:  23.6 feet from the EAST line and 1413 feet from the SOUTH line   |   |                   |                       |           |  |  |  |  |  |  |
| Ground Level Elev.   | Producing For   | · ·               | ool<br>Tamalia Matt   | 3         | Dedicated Acreage:   |  |  |  |  |  |
| 3392 Queen Langlie Mattix 20 Acres  1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. |   |                   |                       |           |  |  |  |  |  |  |
|  |   |                   |                       |           |  |  |  |  |  |  |
| 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). |   |                   |                       |           |  |  |  |  |  |  |
| 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consoli-                      |   |                   |                       |           |  |  |  |  |  |  |
| dated by communitization, unitization, force-pooling, etc?   |   |                   |                       |           |  |  |  |  |  |  |
| Yes No If answer is "yes;" type of consolidation   |   |                   |                       |           |  |  |  |  |  |  |
|  | If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of |                   |                       |           |  |  |  |  |  |  |
| No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization,                         |   |                   |                       |           |  |  |  |  |  |  |
| forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commis-                       |   |                   |                       |           |  |  |  |  |  |  |
| sion.  | · · · · · · · · · · · · · · · · · · ·   |                   |                       |           |  |  |  |  |  |  |
|  | 1   |                   | f<br>1.               |           | CERTIFICATION  |  |  |  |  |  |
|  | i   |                   |                       |           | I hereby certify that the information con-                                       |  |  |  |  |  |
| •  | 1   |                   | STATE ON SO           | <b>)</b>  | tained herein is true and complete to the  |  |  |  |  |  |
|  | 1   | ROJ (PO)          |                       |           | best of my knowledge and belief.   |  |  |  |  |  |
|  | 1   |                   | 676                   | Š         | Nome Name  |  |  |  |  |  |
|  | +   |                   | TAM MEXICO            | <b>//</b> | K. D. Myrick   |  |  |  |  |  |
| ·  |   |                   | JOHN W. WEST          |           | Petroleum Engineer   |  |  |  |  |  |
|  | 1 .   |                   | OHN W.                | Î         | Company  |  |  |  |  |  |
|  | i<br>I  |                   | ·                     | •         | Wood, McShane & Thams  |  |  |  |  |  |
|  | 1   |                   | 1                     |           | 11-21-72   |  |  |  |  |  |
| <del></del>  |   |                   |                       |           |  |  |  |  |  |  |
| 1  | i   |                   |                       | ļ         | I hernby certify that the well location  |  |  |  |  |  |
|  | l<br>1  | •                 | 1                     |           | shown on this plat was plotted from field  |  |  |  |  |  |
| NOTE:  | THIS LOCATION   | IS 1.0 FEET LOWER | THAN                  |           | notes of actual surveys made by me or<br>under my supervision, and that the same |  |  |  |  |  |
| L .  | THE STATE M   | 1                 | 1                     | 23.6      | is true and correct to the best of my  |  |  |  |  |  |
|  | <br>  |                   |                       | è         | knowledge and belief.  |  |  |  |  |  |
|  |   |                   |                       | [         |  |  |  |  |  |  |
| ·  | 1   |                   |                       | 1413'-    | Date Surveyed MAY 1, 1970  |  |  |  |  |  |
|  | i   |                   | f<br>Í                | Ī         | Registered Professional Engineer   |  |  |  |  |  |
|  | 1   |                   |                       |           | and/or Land Surveyor   |  |  |  |  |  |
|  |   |                   |                       |           | Softlicale No.   |  |  |  |  |  |