

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

| |
|--|
| API NO. (assigned by OCD on New Wells) |
| 30-025-24392 ✓ |
| 5. Indicate Type of Lease |
| STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. |
| L-494 |

| | | | | | |
|--|----------------|-----------------------------|--------------------------------------|-----------------|----------------------------------|
| APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK | | | | | |
| 1a. Type of Work: | | | 7. Lease Name or Unit Agreement Name | | |
| b. Type of Well: | | | Midwest-State | | |
| DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> | | | 8. Well No. | | |
| OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> | | | 1 | | |
| SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | 9. Pool name or Wildcat | | |
| 2. Name of Operator | | | Vada (Penn) | | |
| Fossil Fuels Inc. | | | | | |
| 3. Address of Operator | | | | | |
| PO Box 479, Dallas, TX 75221-0479 | | | | | |
| 4. Well Location | | | | | |
| Unit Letter N : 990 Feet From The south Line and 1650 Feet From The west Line | | | | | |
| Section 2 Township 9-S Range 33-e NMPM Lea County | | | | | |
| 10. Proposed Depth | | | 11. Formation | | 12. Rotary or C.T. |
| 9459' | | | Wolfcamp | | |
| 13. Elevations (Show whether DF, RT, GR, etc.) | | 14. Kind & Status Plug Bond | 15. Drilling Contractor | | 16. Approx. Date Work will start |
| 4347' GL | | one-well in effect | unknown | | 2/15/93 |
| 17. PROPOSED CASING AND CEMENT PROGRAM | | | | | |
| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
| 17-1/2 | 13-3/8 | 48# | 410 | 400 | Surface |
| 12-1/4 | 9-5/8 | 36 & 40# | 3887 | 400 | 2710' |
| 8-3/4 | 7" | 23, 26 & 29# | 9610' | 370 | 7850' |

Presently producing from Bough C limestone from perforations 9532-58'. Plan to set CIBP at 9459' KB w/ 20' cement on top. Will perforate Wolfcamp horizon from 8907.5-8925.5'. Horizon will be tested naturally and, if necessary, stimulated with 15% acid. Should test results not be indicative of commercial quantities of production, CIBP will be set at 8870' and a completion in the Abo will be attempted from 8653.5-8801.5'. This interval, if perforated, will also be tested naturally and, if necessary, acidized with 15% acid.

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.

SIGNATURE Murray E. Helmers TITLE Exec. Vice President DATE 1/19/93

TYPE OR PRINT NAME Murray E. Helmers

TELEPHONE NO 214/969-5555

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE JAN 25 1993

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
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State Lease - 4 copies
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Form C-102
Revised 1-1-89

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Santa Fe, New Mexico 87504-2088

DISTRICT I
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DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

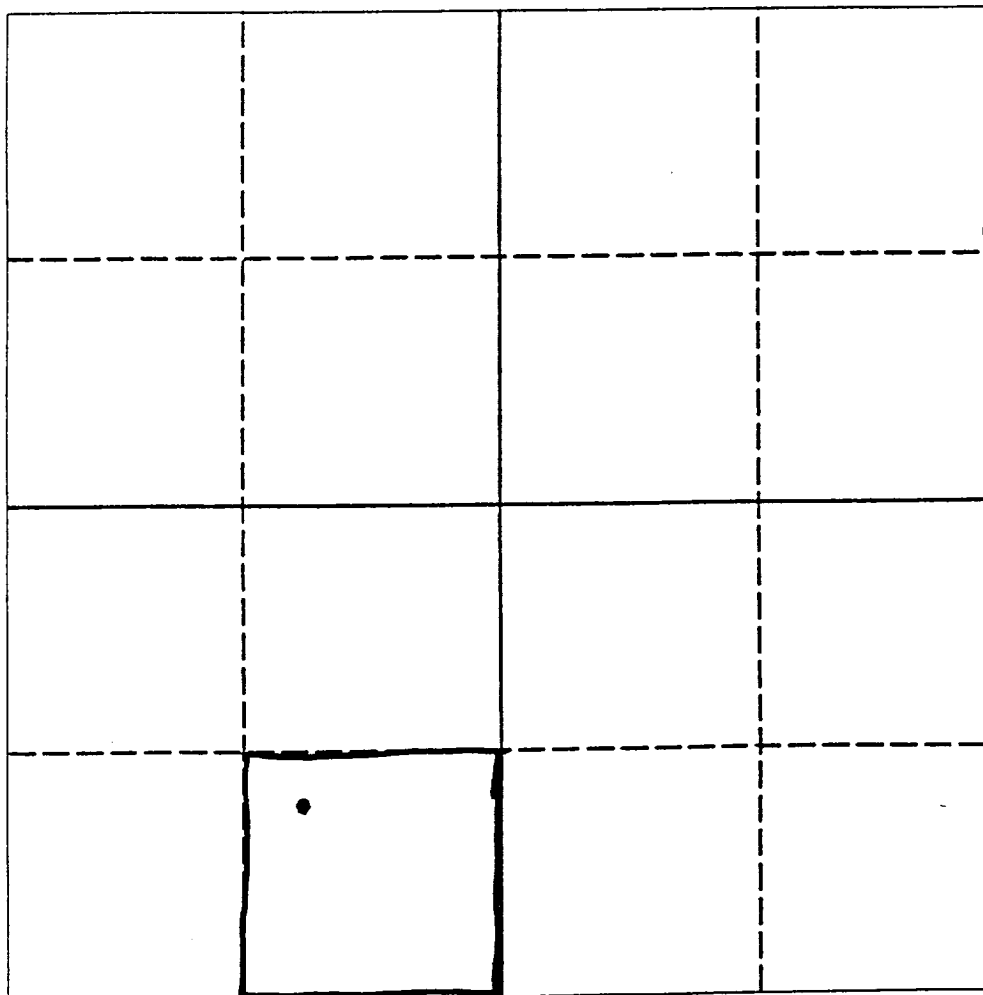
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

| | | | | | |
|---|---------------------------------|-----------------|------------------------|--------------------------------|---------------|
| Operator Fossil Fuels Inc. | | | Lease Midwest-State | | Well No. 1 |
| Unit Letter N | Section 2 | Township 9-S | Range 33E | County NMPM | Lea |
| Actual Footage Location of Well: 990 feet from the south line and 1650 feet from the west line | | | | | |
| Ground level Elev. 4347' GL | Producing Formation Wolfcamp | | Pool wildcat | Dedicated Acreage: 40 Acres | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest of all owners been consolidated 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 this form if necessary.) _____
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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature *Murray E. Helmers*
Printed Name Murray E. Helmers
Position Engineer
Company Fossil Fuels Inc.
Date January 27, 1993

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of Professional Surveyor

Certificate No.

RECEIVED

FEB 01 1993

COB HOBBS OFFICE

1993

1993

COB HOBBS OFFICE

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All Distances must be from the outer boundaries of the section

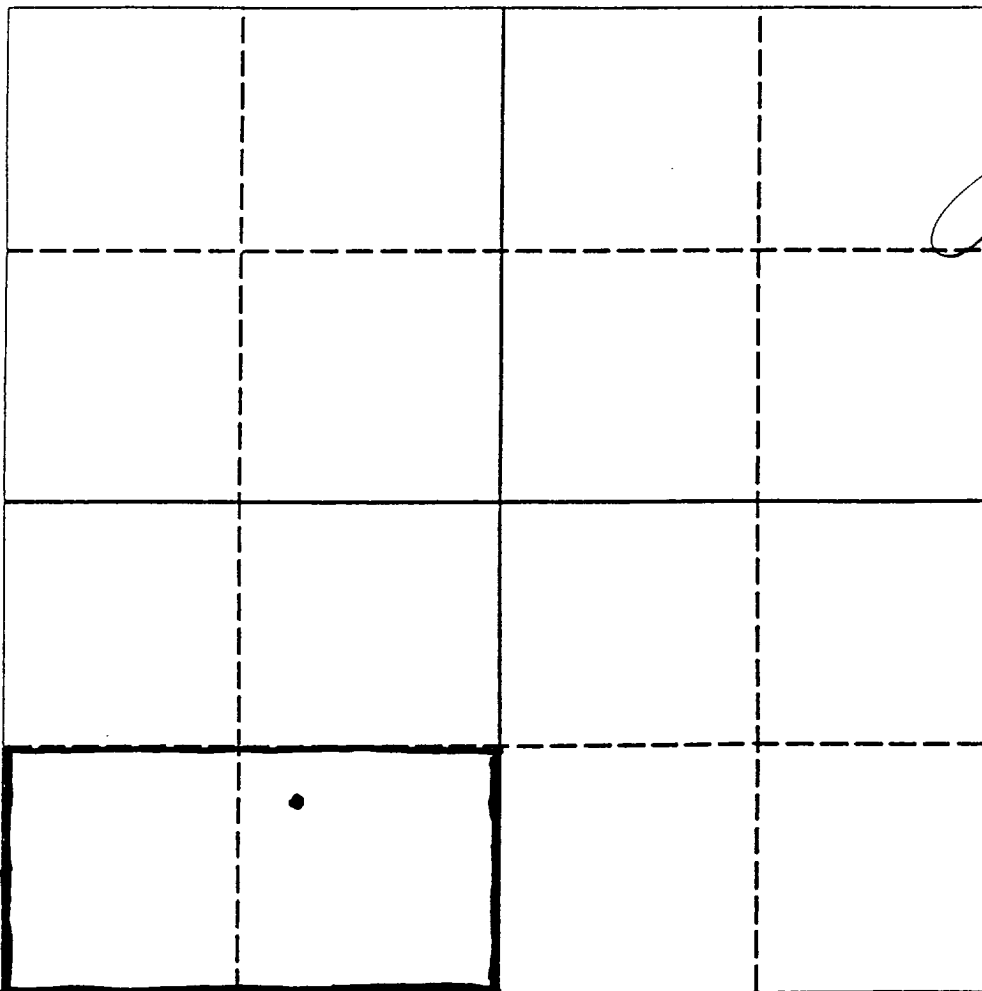
| | | | | | |
|-------------------------------|--------------|-----------------|------------------------|----------------|---------------|
| Operator Fossil Fuels Inc. | | | Lease Midwest-State | | Well No. 1 |
| Unit Letter N | Section 2 | Township 9-S | Range 33E | County NMPM | Lea |

Actual Footage Location of Well:

990 feet from the south line and 1650 feet from the west line

| | | | |
|--------------------------------|----------------------------|----------------------------|--------------------------------|
| Ground level Elev. 4347' GL | Producing Formation ABO | Pool South Flying M Abo | Dedicated Acreage: 80 Acres |
|--------------------------------|----------------------------|----------------------------|--------------------------------|

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
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OPERATOR CERTIFICATION

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

Signature
Murray E. Helmers
Printed Name
Murray E. Helmers
Position
Engineer
Company
Fossil Fuels Inc.
Date
January 27, 1993

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
Signature & Seal of
Professional Surveyor
Certificate No.

