

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN **PLICATE***
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|--|---|---|
| 1a. TYPE OF WORK DRILL * DEEPEN PLUG BACK | | | 5. LEASE DESIGNATION AND SERIAL NO. 44-0523192 |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME - |
| 2. NAME OF OPERATOR Shell Oil Company | | | 7. UNIT AGREEMENT NAME - |
| 3. ADDRESS OF OPERATOR P. O. Box 1858, Roswell, New Mexico 88201 | | | 8. FARM OR LEASE NAME Federal BLA |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1850' FWL & 1900' FWL, Section 34, T-10-S, R-29-E, NMPM Survey, Chaves County, New Mexico. At proposed prod. zone Same | | | 9. WELL NO. 1 |
| 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 6 miles east of Roswell, New Mexico | | | 10. FIELD AND POOL, OR WILDCAT South Bitter Lakes |
| 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) 330' | 16. NO. OF ACRES IN LEASE 30 | 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | |
| 18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETION OR APPLIED FOR, ON THIS LEASE, FT. 350' | 19. PROPOSED DEPTH 940' | 20. ROTARY OR CABLE TOOLS Rotary | |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3476' DF | | 22. APPROX. DATE WORK WILL START* June 17, 1964 | |

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|----------------|----------------|-----------------|---------------|--------------------|
| 7" | 7" | 17# | 720' | 150 sx |
| 4 1/2" | 4 1/2" | 2.5# | 893' | 200 sx |
| Casing in hole | | | | |

Re-entry of Spears Monroe Federal #2. Well was originally drilled to TD 940' and was plugged and abandoned September 1963.
We propose to re-enter, drill out cement plugs, clean out to TD and perforate 860'-862', 864'-866', 874'-876', 879'-881', 898'-902', 905'-909', 916'-920' (total 20') and treat with 3000 gallons 15% NEA. Swab test and place on production.

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JUN 10 1964

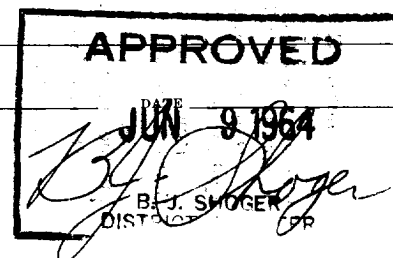
O. C. C.
ARTESIA, OFFICE

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, if any.

24. **By: V. L. King** **Acting District Exploitation Engineer** **June 4, 1964**
SIGNED _____ TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

| | |
|---------------------------|-----|
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| LAND OFFICE | |
| TRANSPORTER | OIL |
| | GAS |
| PRODUCTION OFFICE | |
| OPERATOR | |

FORM C-128
Revised 5/1/57

NEW MEXICO OIL CONSERVATION COMMISSION **WELL LOCATION AND ACREAGE DEDICATION PLAT** **SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE**

SECTION A

| | | | | | |
|---|---------------------|----------|-------|-----------------------------|----------|
| Operator | | | Lease | | Well No. |
| Unit Letter | Section | Township | Range | County | |
| Actual Footage Location of Well: feet from the _____ line and _____ feet from the _____ line | | | | | |
| Ground Level Elev. | Producing Formation | | Pool | Dedicated Acreage: Acres | |

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO _____. ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

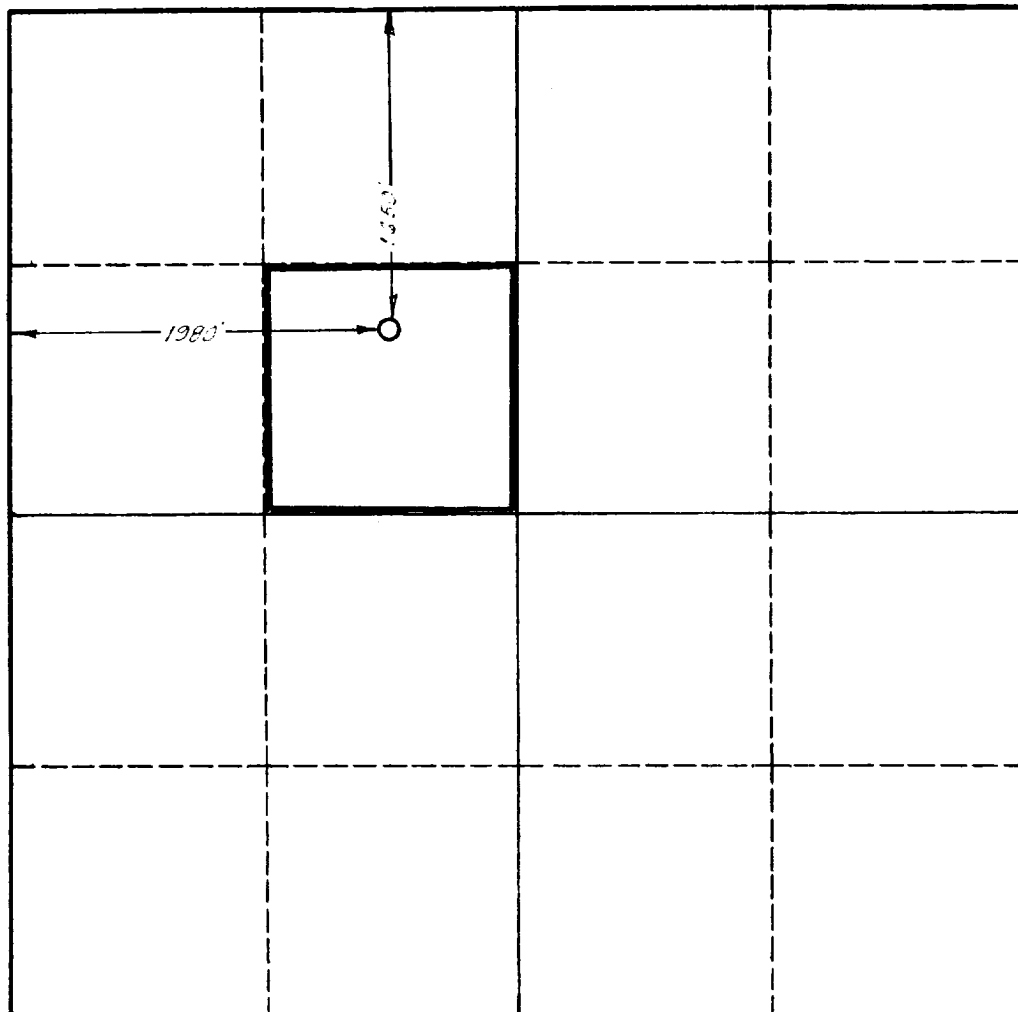
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| | |
|-------|--------------------|
| Owner | Land Description |
| | JUN 10 1964 |

O. C. C.

**ARTESIA, OFFICE
CERTIFICATION**

SECTION B

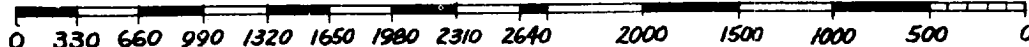


I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

| | |
|----------|-----|
| Name | By: |
| Position | |
| Company | |
| Date | |

I hereby certify that the well location shown on the plat in SECTION B 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 |
| Registered Professional Engineer and/or Land Surveyor |
| Certificate No. |



INSTRUCTIONS FOR COMPLETION OF FORM C-128

1. Operator shall furnish and certify to the information called for in Section A.
2. Operator shall outline the dedicated acreage for *both* oil and gas wells on the plat in Section B.
3. A registered professional engineer or land surveyor registered in the State of New Mexico or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
4. All distances shown on the plat must be from the outer boundaries of the Section.
5. If additional space is needed for listing owners and their respective interests as required in question 3 of Section A, please use space below.