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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

API # 30-059-20127

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|--|--|--|
| 1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 5. State Oil & Gas Lease No. |
| 2. Name of Operator Amoco Production Company | | 7. Unit Agreement Name |
| 3. Address of Operator P. O. Box 68 Hobbs, NM 88240 | | 8. Farm or Lease Name State LU |
| 4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE FNL LINE AND 1980 FEET FROM THE FWL LINE OF SEC. 25 TWP. 23-N RSE. 33-E NMAPM | | 9. Well No. 1 |
| | | 10. Field and Pool, or Wildcat Und. Tubb |
| | | 12. County Union |
| | | 18. Proposed Depth 2490' |
| | | 19A. Formation Tubb |
| | | 20. Rotary or C.T. Rotary |
| 21. Elevations (Show whether DT, RI, etc.) 4920' GL | 21A. Kind & Status Plug. Bond Blanket-on-file | 21B. Drilling Contractor NA |
| | | 22. Approx. Date Work will start 3-20-81 |

23. PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-------------------|------------|
| 12-1/4" | 8-5/8" | 24# | 700' | Circ. | Surface |
| 7-7/8" | 5-1/2" | 14# | 2490' | Tieback to 8-5/8" | BTM 8-5/8" |

Propose to drill and equip well in the Tubb formation. After reaching TD logs will be run and evaluated. Perforate and stimulate as necessary in attempting commercial production.

MUD PROGRAM: 0'-700' Native mud and fresh water
700'-TD Commercial mud and brine with minimum properties for safe hole conditions.

BOP Program Attached
Gas is not dedicated.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 9-25-81
UNLESS DRILLING UNDERWAY

0+2-NMOCD, SF 1-Hou 1-Susp 1-BD

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 Bob Davis Title Admin. Analyst Date 3-16-81

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR ANALYST DATE 3/19/81

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

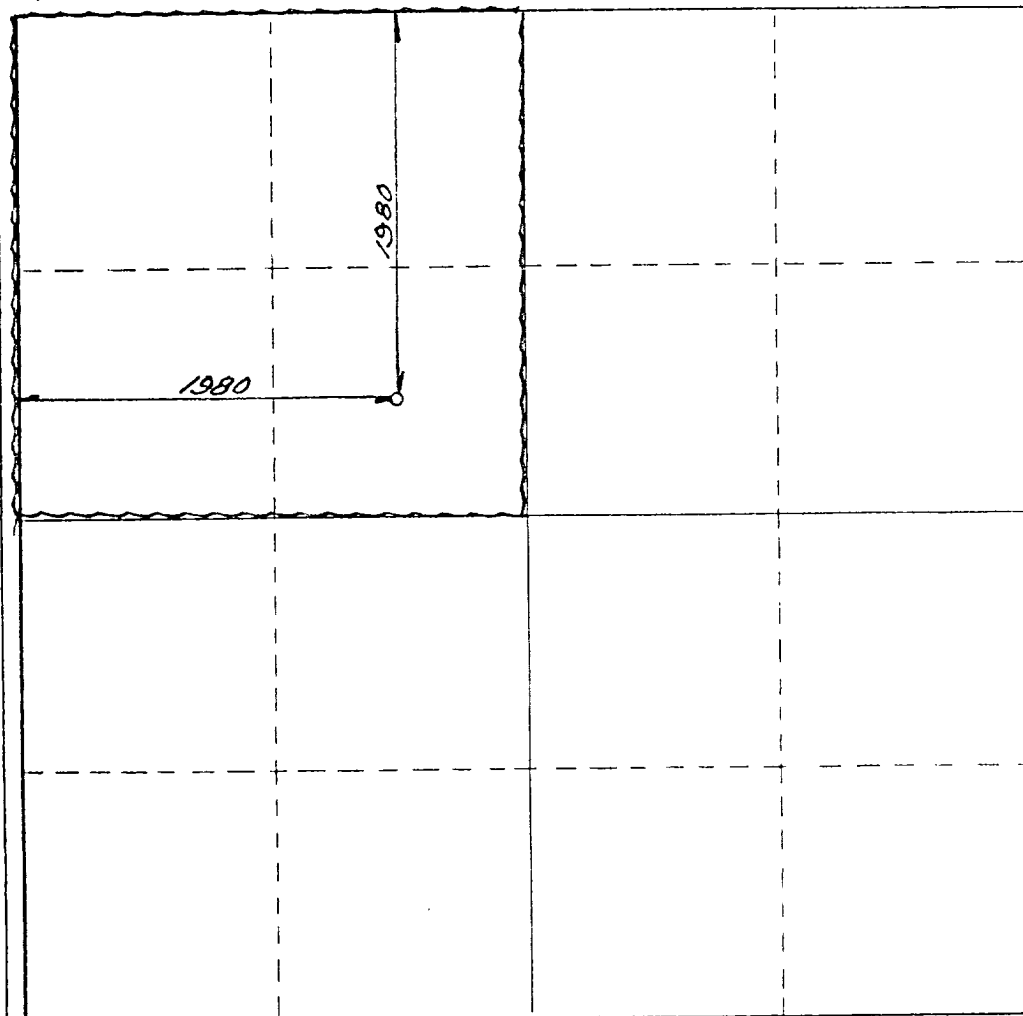
| | | | | | |
|--|------------------------------------|-------------------------|--------------------------|------------------------|--|
| Operator AMOCO | | | Lease STATE LU | | Well No. 1 |
| Unit Letter F | Section 25 | Township T23N | Range R33E | County UNION | |
| Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 1980 feet from the NORTH line and 1980 feet from the WEST line </div> | | | | | |
| Ground Level Elev. 4920 | Producing Formation Tubb | | Pool Und. Tubb | | Dedicated Acreage: 160 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 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 interests, has been approved by the Commission.



CERTIFICATION

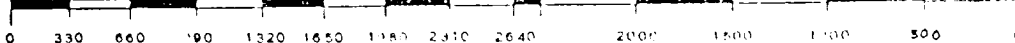
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

| |
|--|
| Name Bob Davis |
| Position Admin. Analyst |
| Company Amoco Production Company |
| Date 3-16-81 |

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.

MARCH 10, 1981

| |
|------------------------------|
| Date Surveyed 1981 |
| |
| N.M.L.S. NO. 5103 |
| Certification No. _____ |

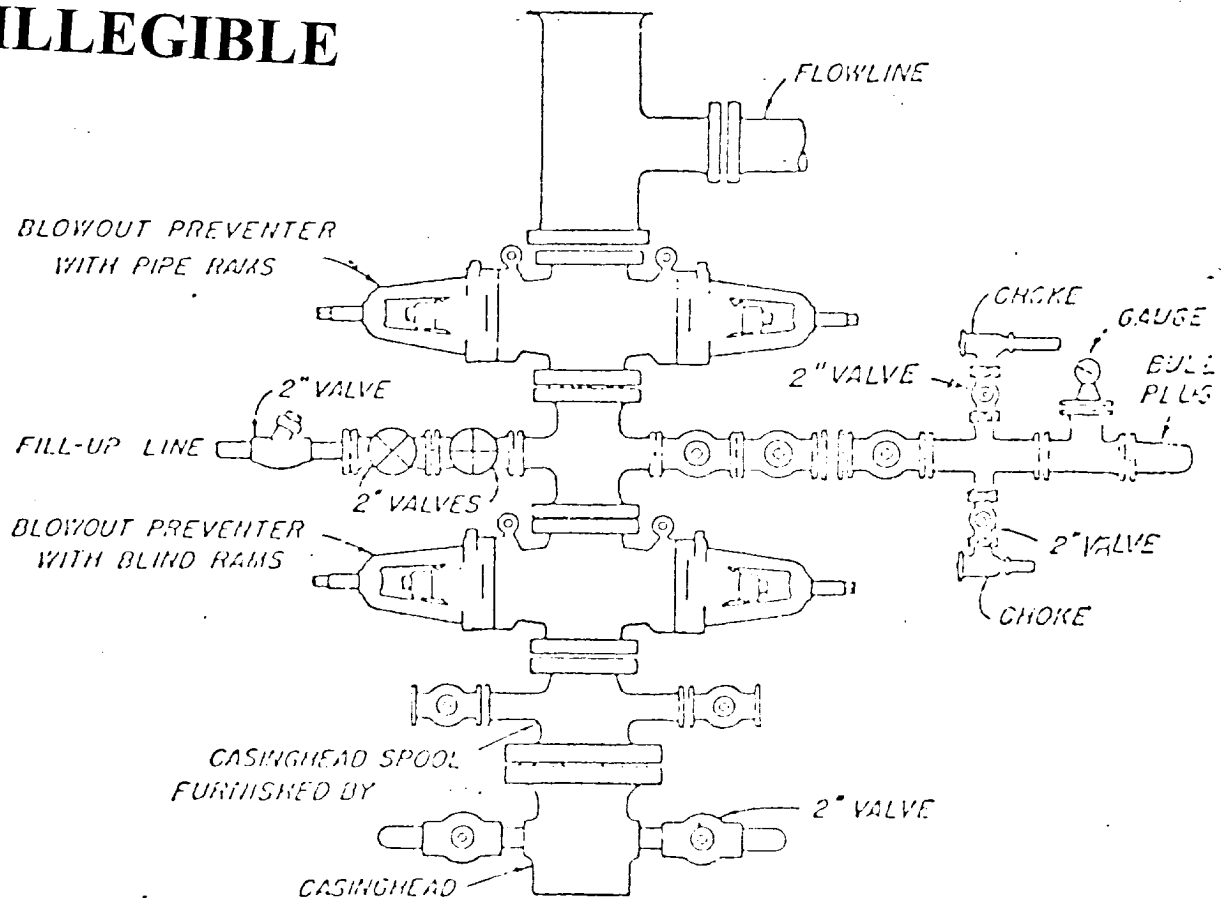


ATTACHMENT "B"
NOTES

1. Blow-out preventers and master valve to be fluid operated and oil fittings must be in good condition, 3,000# W.P. (6,000 p.s.i. test), minimum.
2. Equipment through which bit must pass shall be as large as the inside diameter of the casing that is being drilled through.
3. Nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock required, 3,000# W.P. (6,000 p.s.i. test) minimum.
5. OMSCO or comparable safety valve must be available on rig floor at all times with proper connection or sub, 3,000# W.P. (6,000 p.s.i. test), minimum.
6. Blow-out preventers and master valve while drilling intermediate hole to 6000' may be 2,000# W.P. (4,000 p.s.i. test), minimum.
7. Choke assembly, beyond second valve from cross, may be positioned (Optional) outside of derrick foundation.
8. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
9. Plug valves - gate valves are optional. Valves shown as 2" are minimum size.
10. Casing head and casing head spool, including attached valves, to be furnished by Amoco.
11. Rams in preventers will be installed as follows:

| | |
|---|---|
| When drilling, use: | When running casing, use: |
| Top Preventer - Drill pipe rams | Top Preventer - Casing rams |
| Bottom Preventer - Blind rams or master valve | Bottom Preventer - Blind rams or master valve |

ILLEGIBLE



BLOWOUT PREVENTER HOOK-UP

AMOCO FIELD SERVICE COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962