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MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒
5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | |
|--|--|---|
| 1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | 7. Unit Agreement Name |
| 2. Name of Operator Amoco Production Company | | 8. Farm or Lease Name Woolworth |
| 3. Address of Operator P.O. Drawer A, Levelland, Texas 79336 | | 9. Well No. 5 |
| 4. Location of Well UNIT LETTER C LOCATED 990 FEET FROM THE North LINE AND 1980 FEET FROM THE west LINE OF SEC. 28 TWP. 24-S RGE. 37-E NMPM | | 10. Field and Pool, or Wildcat Jalmat Yates 7-Rivers |
| 11. Proposed Depth 3500 | | 12. County Lea |
| 19A. Formation Yates Seven Rivers | | 20. Rotary or C.T. Rotary |
| 21. Elevations (show whether DF, RT, etc.) 3239.8 GL | 21A. Kind & Status Plug. Bond Blanket on File | 21B. Drilling Contractor Cactus |
| 22. Approx. Date Work will start Aug. 1, 1978 | | |

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# | 1200 | Circulate | Surface |
| 7 7/8" | 5 1/2" | 15.5# - 17# | 3500 | Circulate | Surface |

Propose to drill and equip Yates Seven Rivers well. After reaching TD, logs will be run and evaluated, perforate and stimulate as necessary in attempting commercial completion.

Mud Program: 0' - 1200' - Native mud and fresh water-brine water thru anhydrite zone.
1200' - 3500' - Commercial mud and cut brine water to maintain good hole conditions.

BOP Program attached.
Gas is dedicated to Northern Natural.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

EXPIRES OCT 24, 1978

This will be the second well on a 160 acre now-standard proration unit, sharing the unit and allowable with our Woolworth Well No. 4. Application for Administrative Approval from NMOCD Santa Fe mailed July 24, 1978.

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 Ray W. Cox Title Administrative Supervisor Date 7-24-78

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist

JUL 26 1978

CONDITIONS OF APPROVAL, IF ANY:

0+4-NMOCC,H

1-Div

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 Production Co. | | | Lease Woolworth | | Well No. 5 |
| Unit Letter C | Section 28 | Township 24 South | Range 37 East | County Lea | |
| Actual Footage Location of Well: | | | | | |
| 990 | | feet from the North line and | | 1980 feet from the West line | |
| Ground Level Elev. 3241.7 | Producing Formation YATES-SEVEN RIVERS | | Pool JALMAT | 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 **Ray W. Cox**
Position **Administrative Supervisor**

Company
AMOCO PRODUCTION COMPANY

Date
7-24-78

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
July 20, 1978

Registered Professional Engineer and/or Land Surveyor

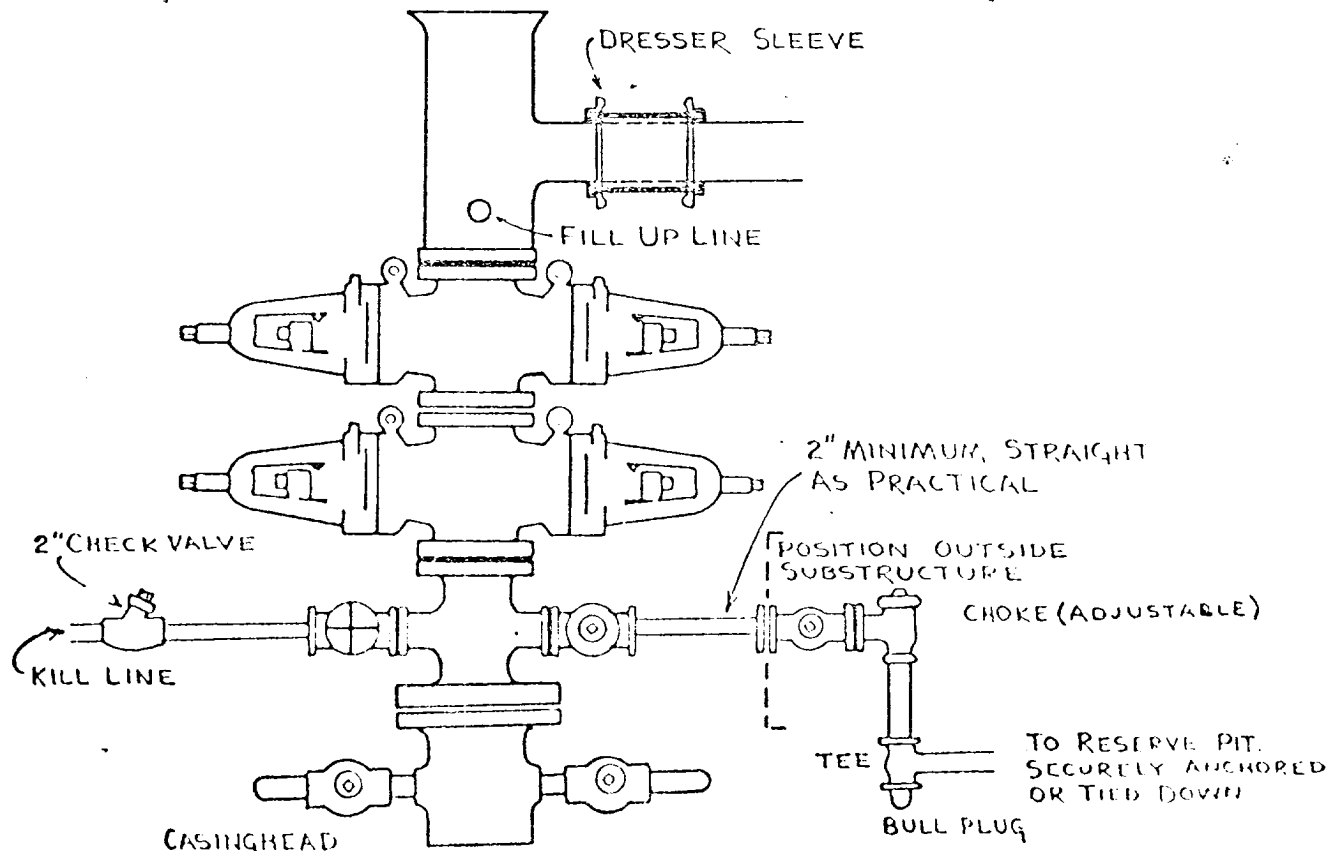
John W. West
Certificate No. **John W. West**

1. BLOW-OUT PREVENTERS MAY BE MANUAL OPERATED.
2. ALL EQUIPMENT MUST BE IN GOOD CONDITION, 2,000 PSI W.P. (4,000 PSI TEST) MINIMUM.
3. BELL NIPPLE ABOVE BLOW-OUT PREVENTER SHALL BE SAME SIZE AS CASING BEING DRILLED THROUGH.
4. KELLY COCK TO BE INSTALLED ON KELLY.
5. FULL OPENING SAFETY VALVE 2,000 PSI W.P. (4,000 PSI TEST) MINIMUM, MUST BE AVAILABLE ON RIG FLOOR AT ALL TIMES WITH PROPER CONNECTION OR SUBS TO FIT ANY TOOL JOINT IN STRING.
6. SPOOL OR CROSS MAY BE ELIMINATED IF CONNECTIONS ARE AVAILABLE IN THE LOWER PART OF THE BLOW-OUT PREVENTER BODY.
7. DOUBLE OR SPACE SAVER TYPE PREVENTERS MAY BE USED IN LIEU OF TWO SINGLE PREVENTERS.
8. BOP RAMS TO BE INSTALLED AS FOLLOWS:*

| | | |
|------------------|---|---------------------------|
| TOP PREVENTER | - | DRILL PIPE OR CASING RAMS |
| BOTTOM PREVENTER | - | BLIND RAMS |

*ANDCO AREA SUPT. MAY REVERSE LOCATION OF RAMS.

9. EXTENSIONS AND HAND WHEELS TO BE INSTALLED AND BRACED AT ALL TIMES.
10. MANIFOLD VALVES MAY BE GATE OR PLUG METAL TO METAL SEAL 2" MINIMUM.



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