

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

| | |
|------------------------|-------------------------------------|
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| FILE | <input checked="" type="checkbox"/> |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

API # 30-021-20151

5A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | | | |
|--|--|----------------------------------|--|
| 1a. Type of Work | | 7. Unit Agreement Name | |
| b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 OTHER <input type="checkbox"/> | | BDCDGU | |
| DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | | 8. Farm or Lease Name | |
| SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/> | | BDCDGU 2129 | |
| 2. Name of Operator | | 9. Well No. | |
| Amoco Production Company | | 091 | |
| 3. Address of Operator | | 10. Field and Pool, or Wildcat | |
| P. O. Box 68 Hobbs, NM 88240 | | Und. Tubb | |
| 4. Location of Well | | 12. County | |
| UNIT LETTER M LOCATED 990' FEET FROM THE South LINE | | Harding | |
| AND 990 FEET FROM THE West LINE OF SEC. 9 TWP. 21-N RGE. 29-E NMPM | | | |
| 19. Proposed Depth | | 19A. Formation | |
| 2740' | | Tubb | |
| 20. Rotary or C.T. | | Rotary | |
| 21. Elevations (Show whether DF, RT, etc.) | | 22. Approx. Date Work will start | |
| 5544' GL | | 7-8-81 | |
| 21A. Kind & Status Plug. Bond | | 21B. Drilling Contractor | |
| Blanket-on-file | | NA | |

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# | 2740' | Tie back 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 1-15-82
UNLESS DRILLING UNDERWAY

0+2-NMOCD, SF 1-Hou 1-Susp 1-MKE 1-Amerada 1-UGI 1-Cities Svc.
1-Conoco 1-CO2 in Action 1-Excelsior 1-Sun Tex.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODU-
TIVE 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 [Signature] Title Admin. Analyst Date 6-26-81

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 7-9-81

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION COMMISSION TO BE NOTIFIED
WITHIN 24 HOURS OF BEGINNING OPERATIONS

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.

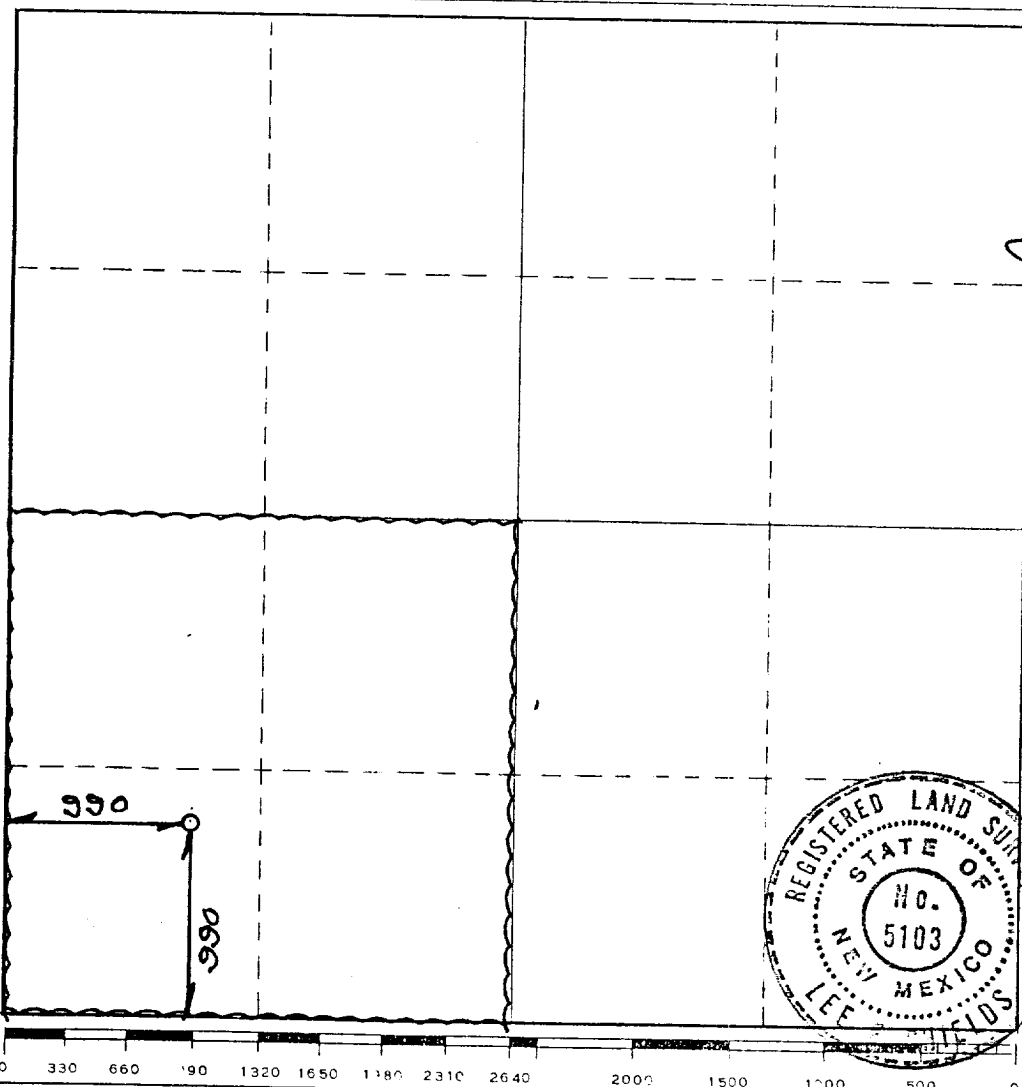
| | | | | | |
|--|------------------------------------|-------------------------|--|--------------------------|--|
| Operator AMOCO | | | Lease Bravo Dome CO2 Gas Unit SANTA FE | | Well No. 2129 091M |
| Unit Letter M | Section 9 | Township T21N | Range R 29E | County HARDING | |
| Actual Footage Location of Well: 990 feet from the SOUTH line and 990 feet from the WEST line | | | | | |
| Ground Level Elev. 5544 | Producing Formation Tubb | | Pool Und. Tubb | | Dedicated Acreage: 160 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 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.

[Signature]
Name _____

Position
Admin. Analyst

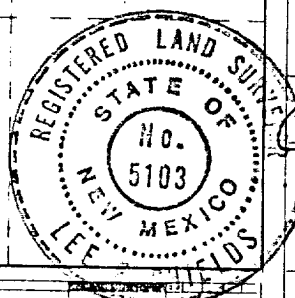
Company
Amoco Production Company

Date
6-26-81

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.

JUNE 18, 1981

[Signature]
Date Surveyed _____
Registered Professional Engineer
and/or Land Surveyor

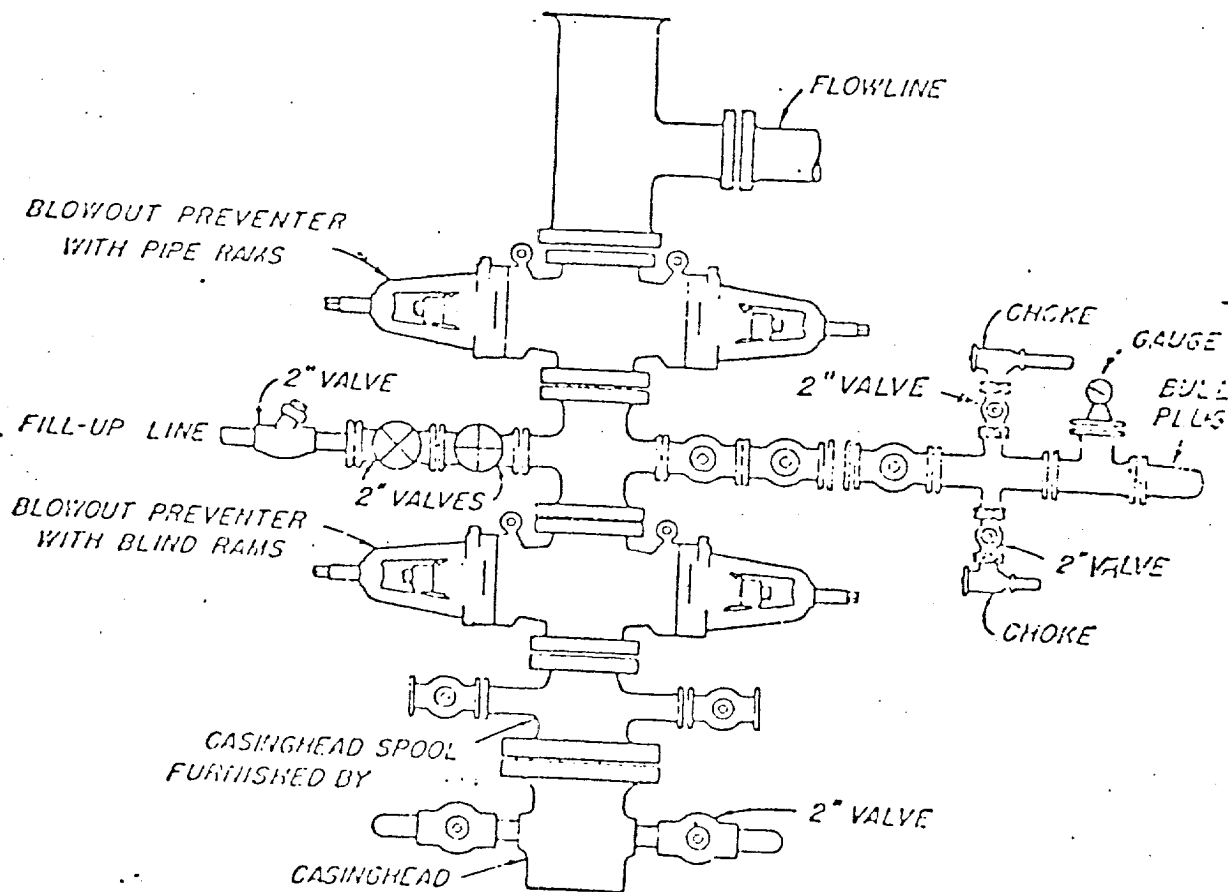


N.M.L.S. NO. 5103
Certificate No.

RECEIVED
JUL 10 1962
CANTO FE

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 |



BLOWOUT PREVENTER HOOK-UP

AMOCO FIELD SERVICE COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962