

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

| | |
|-----------------------|----|
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| LAND OFFICE | 1 |
| OPERATOR | 1 |

API # 30-021-20218

| |
|--|
| 5A. Indicate Type of Lease |
| STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> |
| 5. State Oil & Gas Lease No. |

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

| | |
|--|--|
| 1a. Type of Work | |
| b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> | |
| c. Gas Well <input type="checkbox"/> CO2 <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | |
| 2. Name of Operator Amoco Production Company | |
| 3. Address of Operator P.O. Box 68 Hobbs, New Mexico 88240 | |
| 4. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1650</u> FEET FROM THE <u>North</u> LINE AND <u>1650</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>31</u> TWP. <u>21-N</u> R. <u>33-E</u> MAPU | |
| 5. Elevation (show whether UP, H.I., etc.) <u>5022'</u> GL | |
| 6. Kind & Status Plug. Band Blanket-on-file | |
| 7. Drilling Contractor N/A | |
| 8. Approx. Date Work will start | |
| 9. Well No. <u>2133 311G</u> | |
| 10. Formation Tubb | |
| 11. County Harding | |
| 12. Policy or C.T. Rotary | |
| 13. Proposed Depth 2900' | |
| 14. Sacks of Cement Circulate | |
| 15. EST. TOP surface | |
| 16. Tieback to 9-5/8" surface | |

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-------------------|----------|
| 12-1/4" | 9-5/8" | 32.30# | 700' | Circulate | surface |
| 8-3/4" | 7" | 20.0# | 2900' | Tieback to 9-5/8" | surface |

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 Spud Mud
700 - TD KCL Salt Water Gel-Starch

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-18-86
UNLESS DRILLING UNDERWAY

BOP Diagram attached.

0+5-NMOCD, SF 1-J. R. Barnettt, HOU Rm. 21.156 1-F. J. Nash, HOU Rm. 4.206 1-WF, C 1-WF,
1-Susp, 1-CMH 1-Amerada 1-Amerigas 1-Cities Service 1-Conoco 1-CO2 in Action 1-Sun
1-Excelsior 1-Tex 1-Exxon

4. ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRO-
DUCTIVE ZONE. GIVE SLOTTED PREVENTER PROGRAM, IF ANY.

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

Signed Charles M. Herring Title Administrative Analyst (SG) Date 9-13-85
(This space for State Use)

APPROVED BY Roy E. Johnson TITLE DISTRICT SUPERVISOR DATE 9-18-85
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-101
Superseded O-125
Effective 1-1-81

All distances must be from the outer boundaries of the Section.

BDCD64

| | | | | | |
|---|------------------------------------|-------------------------|--|--------------------------|--|
| Lessee AMOCO PRODUCTION COMPANY | | | Lease Bravo Dome Carbon Dioxide Gas Unit | | Well No. 2133311G |
| Section G | Section 31 | Township T21N | Range R33E | County HARDING | |
| General Portage Location of Well: 1650 feet from the NORTH line and 1650 feet from the EAST line | | | | | |
| Ground Level Elev. 5022 | Producing Formation Tubb | | Pool Bravo Dome 640 Acre Area | | Dedicated Acreage: 640 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 Unitization

If answer is "Yes" list the owners and their 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.

| | | | |
|---------------------------------|--|------|------|
| 3 PT | | 1650 | 1650 |
| Amoco Production Company | | | |
| W. O. Culbertson, III et al | | 1650 | 1650 |
| W. H. Coon | | | |
| Dallam-Hartley Cos. Hosp. Dist. | | | |
| Richard S. Coon | | | |

CERTIFICATION

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

Signature: *Charles M. Lerring*
Position: *Administrative Analyst (SG)*
Company: *Amoco Production Company*
Date: *9-13-85*

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.

JULY 1985

Date of Survey: *9-13-85*
Registered Professional Engineer and/or Land Surveyor

5103
N.M.L.S. NO. 5103
Certification No. *E. SHIELD*

0 500 1000 1500 2000 2500 3000 3500 4000 4500 5000 5500 6000 6500 7000 7500 8000 8500 9000 9500 10000

STANDARD 2000 PSI W.P. BOP STACK

1. Blow-out preventers may be manually 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 |

*Amoco District Superintendent 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.

