

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

R-7690

Form C-101
Revised 10-1-78

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

API # 30-021-20210

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
b. Type of Well DRILL DEEPEN PLUG BACK
OIL WELL GAS WELL CO2 OTHER
SINGLE ZONE MULTIPLE ZONE

2. Name of Operator
Amoco Production Company

3. Address of Operator
P. O. Box 606, Clayton, New Mexico 88415

4. Location of Well
UNIT LETTER M LOCATED 660 FEET FROM THE South LINE
AND 660 FEET FROM THE West LINE OF SEC. 24 TWP. 18-N REC. 33-E MNDP

7. Unit Agreement Name
BDCDGU

8. Farm or Lease Name
BDCDGU

9. Well No.
1833 242M

10. Field and Pool or Wildcat Area
Bravo Dome 640-Acre Area

12. County
Harding

19. Proposed Depth 2900'
19A. Formation Tubb
20. Method of Casing Rotary

21A. Kind & Status Plug. bond Blanket-on-file
21B. Drilling Contractor N/A
22. Approx. Date Work will start October 1984

23. Elevations (show whether DT, H, etc.)
4720' GL

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"	15, 20#	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-Star

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES UNLESS RENEWED BY 4-30-85

BOP Diagram attached.

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

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

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

signed John B McElyea Title Assist. Admin. Analyst Date 10-17-84

APPROVED BY Roy Ely TITLE DISTRICT SUPERVISOR DATE 10-22-84

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-101
Supersedes O-114
Effective 1-1-81

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

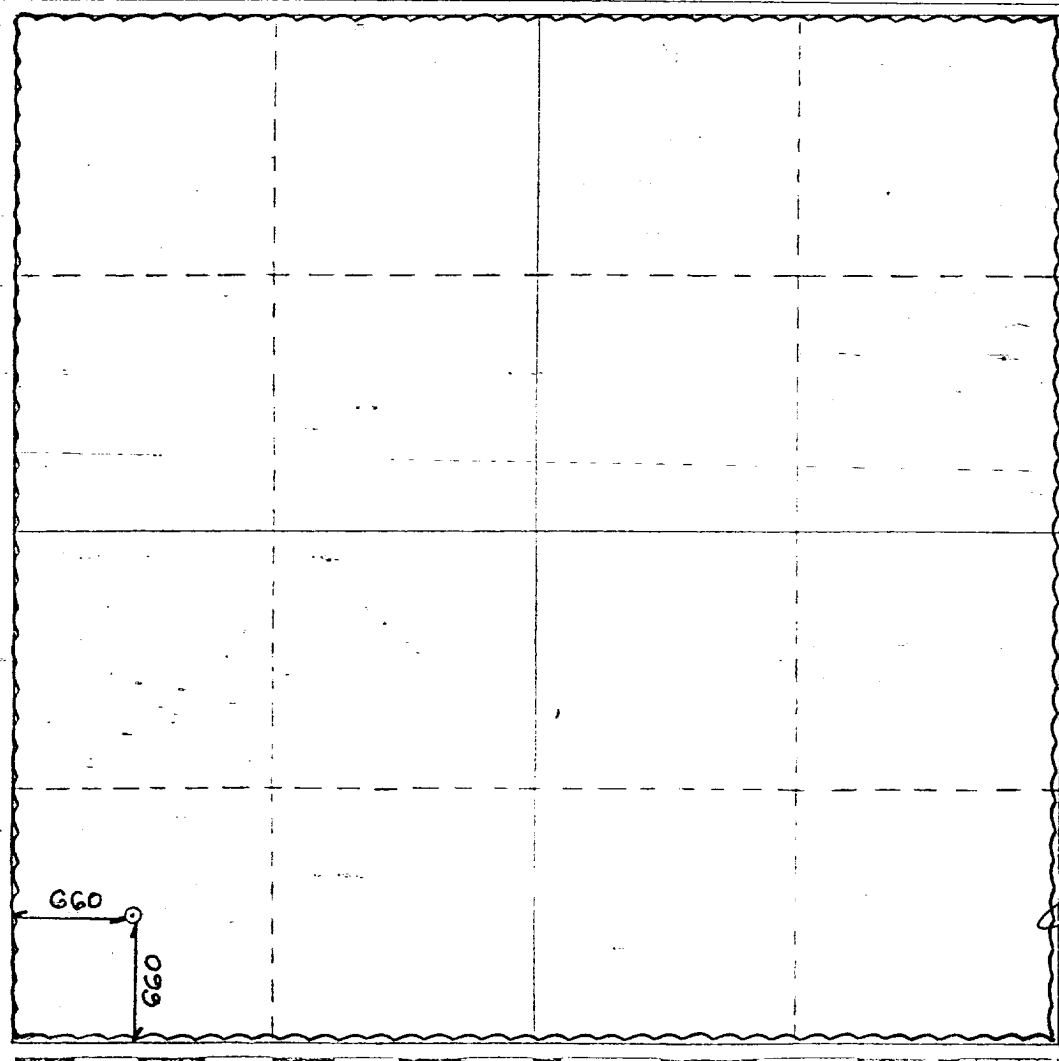
Operator AMOCO PRODUCTION COMPANY		Lease BRAVO DOME CARBON DIOXIDE GAS UNIT		Well No. 1833242M
Unit Letter M	Section 24	Township T18N	Range R33E	County HARDING
Actual Footage Location of Well: 660 feet from the SOUTH line and 660 feet from the WEST line				
Ground Level Elev. 4720	Producing Formation 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 "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.

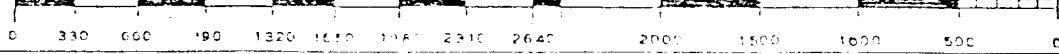
Name: John D McElga
 Position: Asst. Adm. Analyst
 Company: Amoco Production Company
 Date: 10-17-84

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.

AUGUST 18, 1984

Date of Survey: _____
 Registered Professional Engineer
 and/or Land Surveyor

N.M.L.S. NO. 15103
 Certificate No. _____



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.

