

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

API # 30-059-2055

Form C-101
Revised 10-1-78

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LAND OFFICE BLM	1
OPERATOR	1

5A. Indicate Type of Lease
STATE FCC

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 OTHER C02 SINGLE ZONE MULTIPLE ZONE

7. Well Name
Bravo Dome Carbon Dioxide Gas Unit
8. Farm or Lease Name
Bravo Dome Carbon Dioxide Gas Unit

2. Name of Operator
Amoco Production Company

9. Well No.
1834 211G

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

10. Field and Pool, or Wildcat
Bravo Dome Carbon Dioxide Gas Unit 640-Acre Area

4. Location of Well
UNIT LETTER G LOCATED 1650 FEET FROM THE North LINE
AND 1650 FEET FROM THE East LINE OF SEC. 21 TWP. 18-N RCE. 34-E NMPM

12. County
Union

19. Proposed Depth 2900'
19A. Formation Tubb
20. Rotary or C.T. Rotary

21. Elevations (Show whether D.F., H.I., etc.) 4750' GL
21A. Kind & Status Plug. Bond Blanket-on-file
21B. Drilling Contractor N/A
22. Approx. Date Work will start September, 1984

PROPOSED CASING AND CEMENT PROGRAM

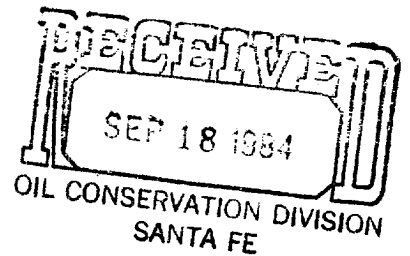
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.30#	700'	circulate	surface
8-3/4"	7"	15, 20#	2900'	Tieback to 9-5/8"	surface

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-Starch

BOP Diagram attached.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3 (8-8)
UNLESS DRILLING UNDERWAY



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

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.

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

Signed John S. McElya Title Asst. Adm. Analyst Date 9-17-84

(This space for State Use)

APPROVED BY Daniel R. Catorack TITLE OIL AND GAS INSPECTOR DATE 9-18-84

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-107
Supersedes C-127
Effective 1-1-61

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

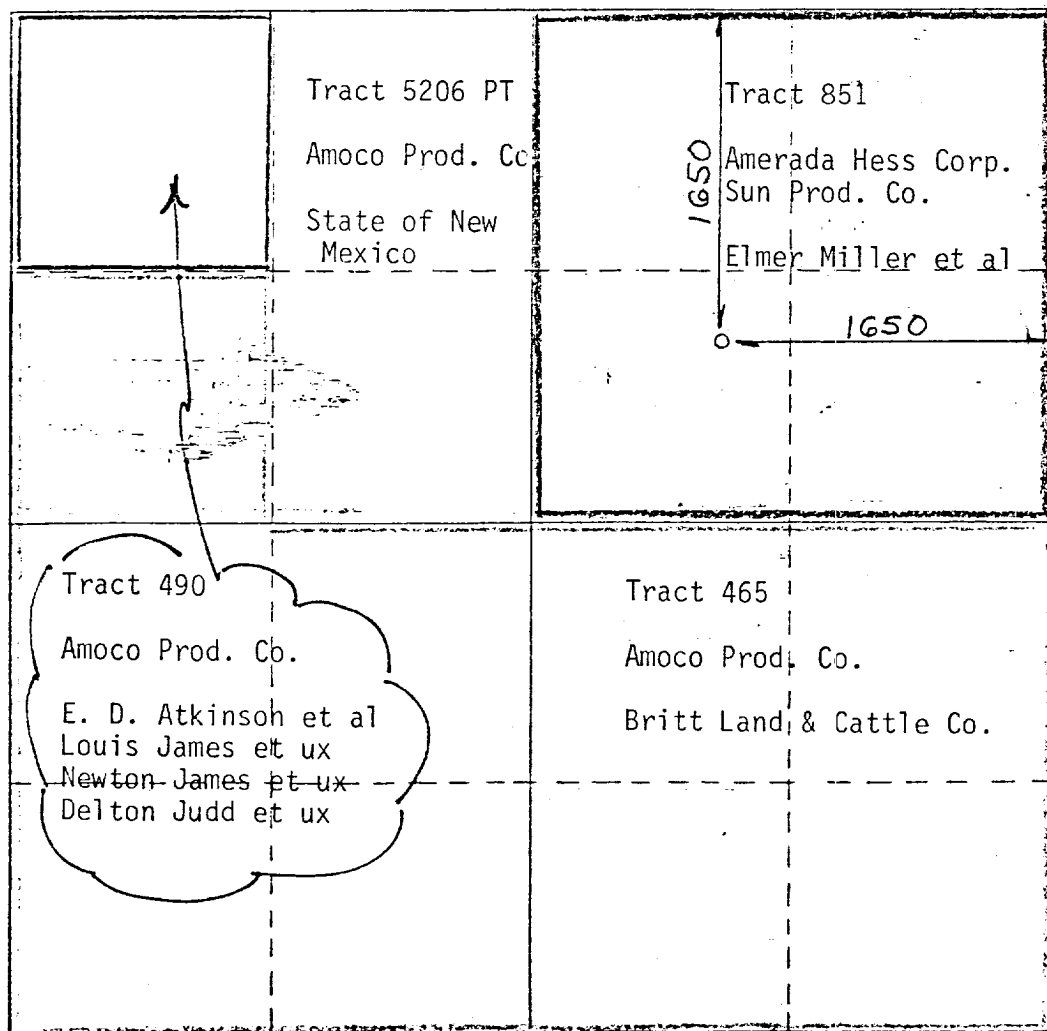
Operator AMOCO		Lease Bravo Dome Carbon Dioxide Gas Unit		Well No. 1834211G	
Unit Letter G	Section 21	Township T18N	Range R34E	County UNION	
Actual Footage Location of Well: 1650 feet from the NORTH line and 1650 feet from the EAST line					
Ground Level Elev. 4750	Producing Formation Tubb		Pool Bravo Dome 640-acre area	Dedicated Acreage: 640 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or 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 Pooling Declaration

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.



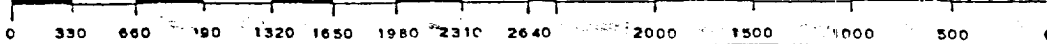
CERTIFICATION

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

Name: John S. McElroy
 Position: Assist. Admin. Analyst
 Company: Amoco Production Company
 Date: 8-8-84

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.

OCT. 3, 1983
 Date Surveyed
[Signature]
 Registered Professional Engineer and/or Land Surveyor
 N.M.L.S. NO. 5103
 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.

