

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-101
 Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells) 30-021-20245
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. LG-4627

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Lease Name or Unit Agreement Name Bravo Dome Carbon Dioxide Gas Unit - 2132
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER CO2 <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		
2. Name of Operator Amoco Production Company		8. Well No. 111G
3. Address of operator P.O. Box 606 Clayton N. Mex. 88415		9. Pool name or Wildcat Tubb
4. Well Location Unit Letter G : 2039 Feet From The East Line and 2044 Feet From The North Line Section 11 Township T 21 N Range R 32E NMPM Harding County		

10. Proposed Depth 2401		11. Formation Tubb	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 4961	14. Kind & Status Plug. Bond Blanket On File	15. Drilling Contractor N/A	16. Approx. Date Work well start 06-15-93

17. **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" Steel	24#	700'	Circulate to Surface	Surface
7 7/8"	4 1/2" Fiberglass	2000# psi	2201'	Circulate to Surface	Surface

Propose to Drill & Equip well in the Tubb formation. To reach total depth, a 3 7/8" open hole will be air drilled approximately 200' below 4 1/2" casing.

Mud Program: 0-700' gel-Spud Mud
 700-2200' Starch/Gel
 2200-2325 Air

BOP Program Attached

APPROVAL VALID FOR _____ DAYS
 PERMIT EXPIRES 12-31-93
 UNLESS DRILLING UNDERWAY

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.

SIGNATURE Joy Filkins TITLE Administrative Secretary DATE 5-6-93
 TYPE OR PRINT NAME Joy Filkins TELEPHONE NO. (713) 556-3613

(This space for State Use)
 APPROVED BY Ry Johnson TITLE DISTRICT SUPERVISOR DATE 5-13-93
 CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-108
Revised 1-1-89

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1808 Rio Bravo Rd., Anton, NM 87418

WELL LOCATION AND ACREAGE DEDICATION PLAT

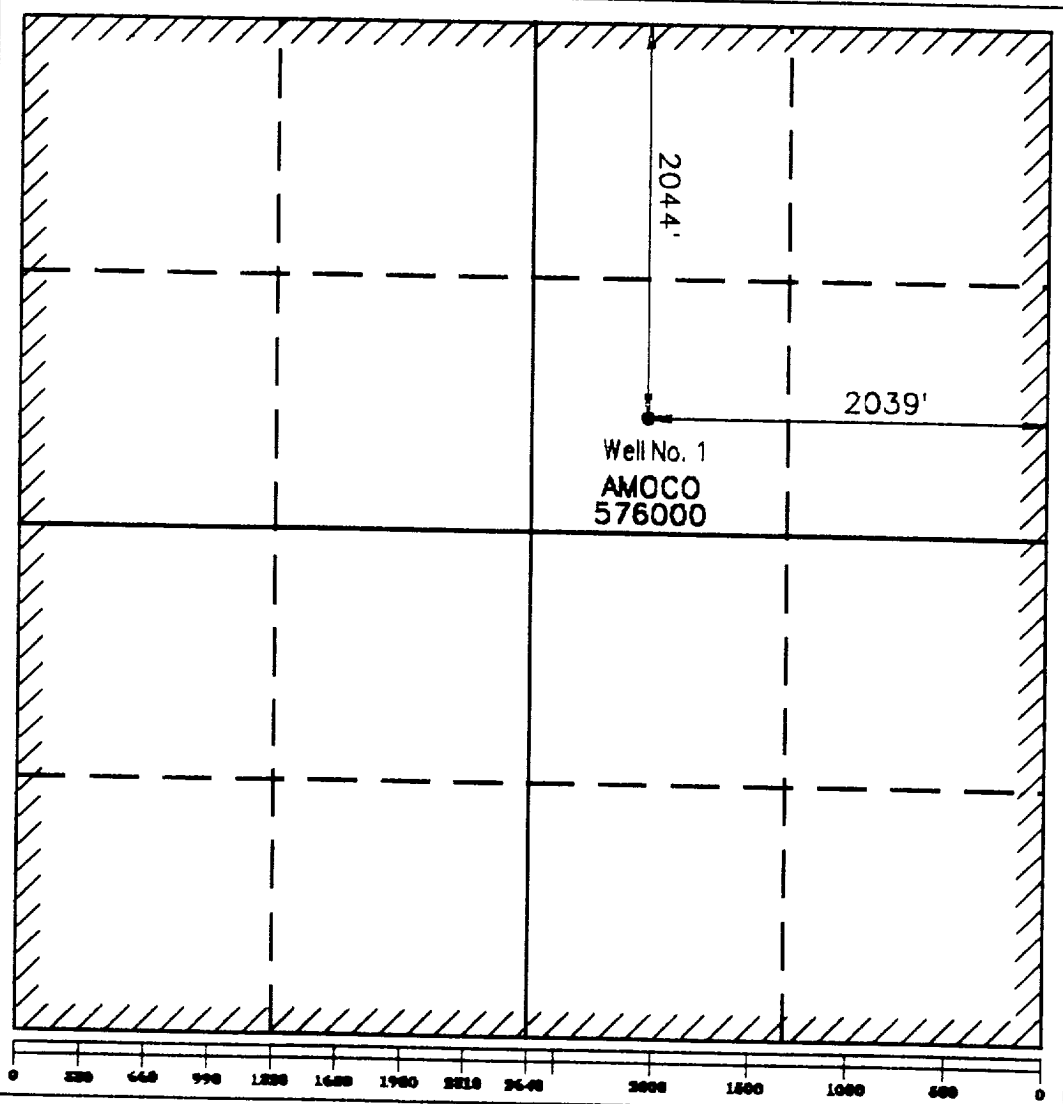
All distances must be from the outer boundaries of the Section.

Operator AMOCO PRODUCTION COMPANY			Lease BRAVO DOME CARBON DIOXIDE GAS UNIT		Well No. 1
Unit Letter G	Section 11	Township 21 NORTH	Range 32 EAST	County HARDING	
Actual Footage Location of Wells 2039 feet from the EAST line and 2044 feet from the NORTH line					
Ground Level Elev. 4947.30'	Producing Formation TUBB		Pool BRAVO DOME CARBON DIOXIDE GAS	Dedicated Acreage 640 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communication, 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 communication, unitization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature: *Joy Gillins*
 Printed Name: **Joy Gillins**
 Position: **Secretary**
 Company: **Amoco Production**
 Date: **3/15/93**

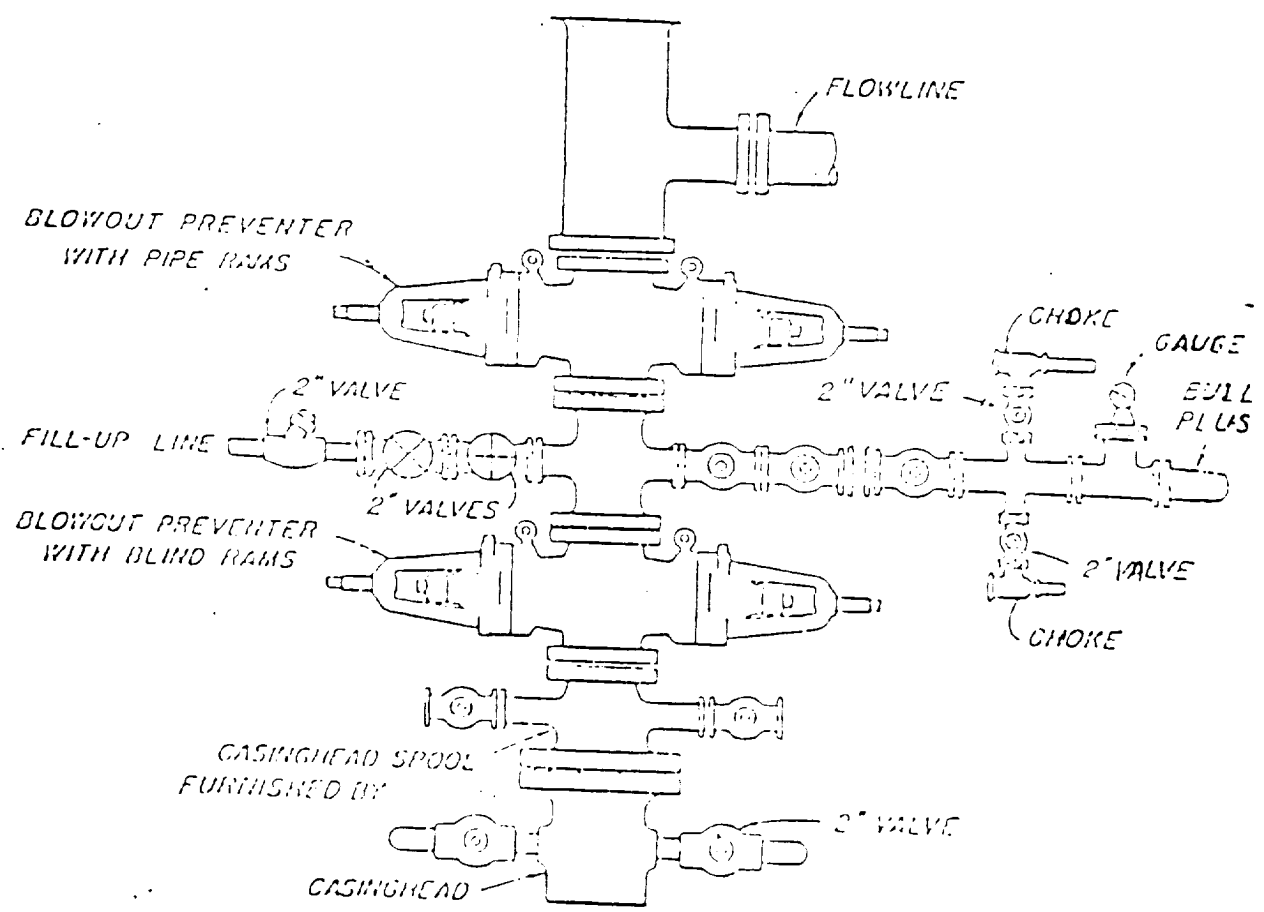
SURVEYOR CERTIFICATION

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: **MARCH 15, 1993**
 Signature & Seal of Professional Surveyor: *Larry A. Fisher*
LARRY A. FISHER
 Certificate No. **11013**

Attachment

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. Riddle 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. OHSO 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. Snool 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:
 Top Preventer - Drill pipe rams
 Bottom Preventer - Blind rams or master valve
 When running casing, use:
 Top Preventer - Casing rams
 Bottom Preventer - Blind rams or master valve



BLOWOUT PREVENTER HOOK-UP

Amoco Production Company

EXHIBIT D-1 MODIFIED