

**OIL CONSERVATION DIVISION**

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

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

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

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

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

API NO. (assigned by OCD on New Wells)	30-021-20253
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	L-5745

**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. 362G
3. Address of operator P.O. Box 606 Clayton N. Mex. 88415	9. Pool name or Wildcat Tubb
4. Well Location Unit Letter <u>G</u> : <u>1965</u> Feet From The <u>East</u> Line and <u>1975</u> Feet From The <u>North</u> Line Section <u>36</u> Township <u>T 21 N</u> Range <u>R 32 E</u> <u>NMPM</u> <u>Harding</u> County	

10. Proposed Depth 2468	11. Formation Tubb	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 4951	14. Kind & Status Plug. Bond Blanket On File	15. Drilling Contractor N/A
16. Approx. Date Work well start 07-15-93		

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	2268'	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  
EXPIRES 12-31-93  
IF GAS 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 [Signature] TITLE DISTRICT SUPERVISOR DATE 5-13-93  
CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate  
District Office  
State - 4 copies  
Fee Locum - \$ copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-163  
Revised 1-1-89

# OIL CONSERVATION DIVISION

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

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

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

DISTRICT III  
1800 Rte. Bosque Rd., Artesia, NM 87410

## WELL LOCATION AND ACREAGE DEDICATION PLAT

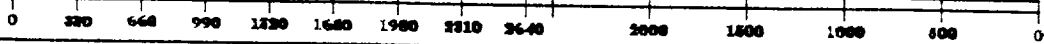
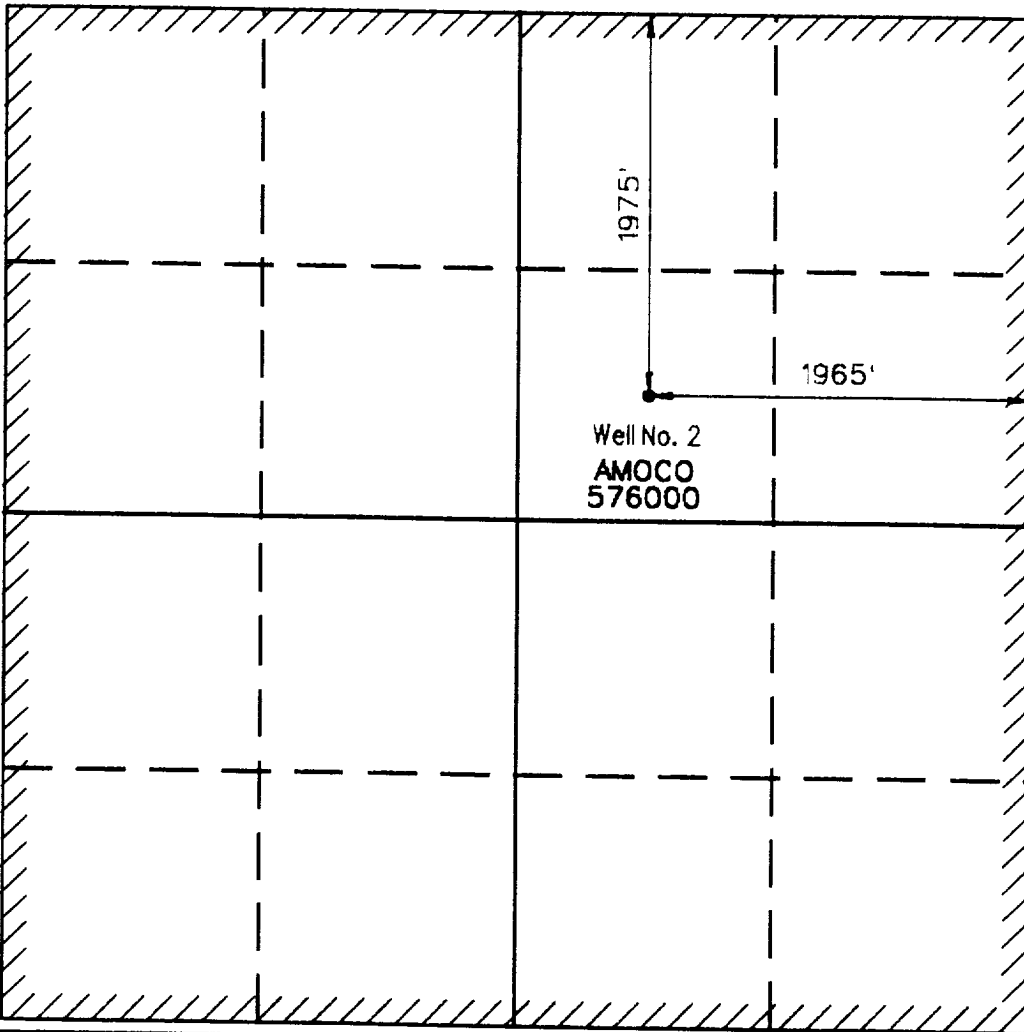
All distances must be from the outer boundaries of the Section.

Operator <b>AMOCO PRODUCTION COMPANY</b>			Lease <b>BRAVO DOME CARBON DIOXIDE GAS UNIT</b>		Well No. <b>2</b>
Unit Letter <b>G</b>	Section <b>36</b>	Township <b>21 NORTH</b>	Range <b>32 EAST</b>	County <b>HARDING</b>	<b>NMPM</b>
Actual Footage Location of Well <b>1965</b> feet from the <b>EAST</b> line and <b>1975</b> feet from the <b>NORTH</b> line					
Ground Level Elev. <b>4937.40'</b>	Producing Formation <b>TUBB</b>		Pool <b>BRAVO DOME CARBON DIOXIDE GAS</b>		Dedicated Acreage <b>640</b> Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 communitization, unitization, forced-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 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 **5/6/93**

### SURVEYOR CERTIFICATION

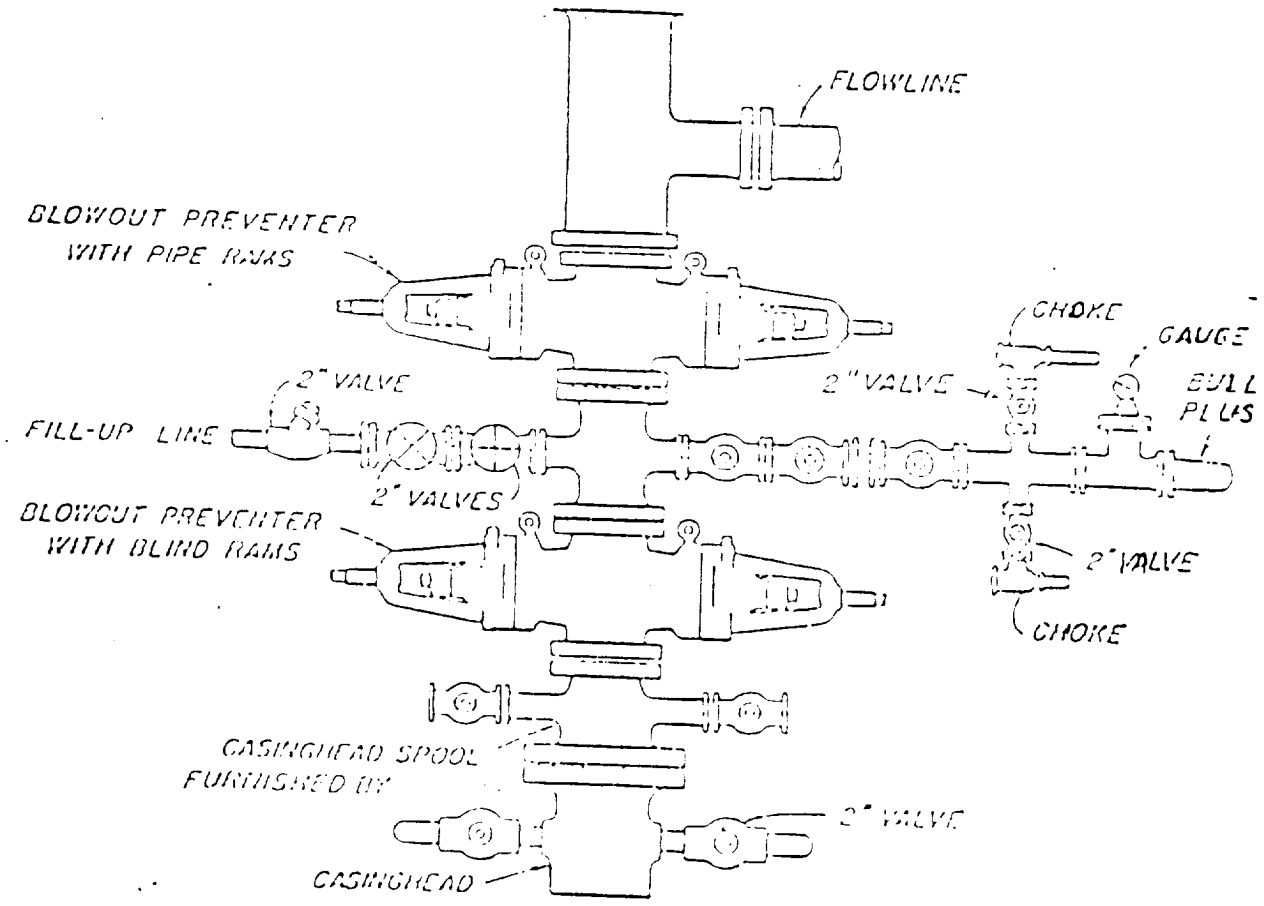
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

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



BLOWOUT PREVENTER HOOK-UP

Amoco Production Company

EXHIBIT D-1 MODIFIED