

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)

30-059-20307

5. Indicate Type of Lease

STATE ☐

FEE ☒

6. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER CO2

SINGLE
ZONE ☒

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Bravo Dome Carbon Dioxide Gas Unit - 2233

2. Name of Operator

Amoco Production Company

8. Well No.

311J

3. Address of operator

P.O. Box 606 Clayton N. Mex. 88415

9. Pool name or Wildcat

Tubb

4. Well Location

Unit Letter J : 1982 Feet From The East Line and 1988 Feet From The South Line

Section 31 Township T 22 N Range R 33 E NMPM Union County

10. Proposed Depth

2499

11. Formation

Tubb

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

4964

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	2314'	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 185' below 4 1/2" casing.

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

BOP Program Attached

RECEIVED FOR
PERMIT D-101
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

[Signature]

TITLE

DATE

5-14-93

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State - 4 copies
Per Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-283
Revised 1-1-99

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1988, Hobbs, NM 88240

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

DISTRICT II
P.O. Drawer DB, Artesia, NM 88218

DISTRICT III
1808 Rte Beams Rd., Artesia, NM 87418

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

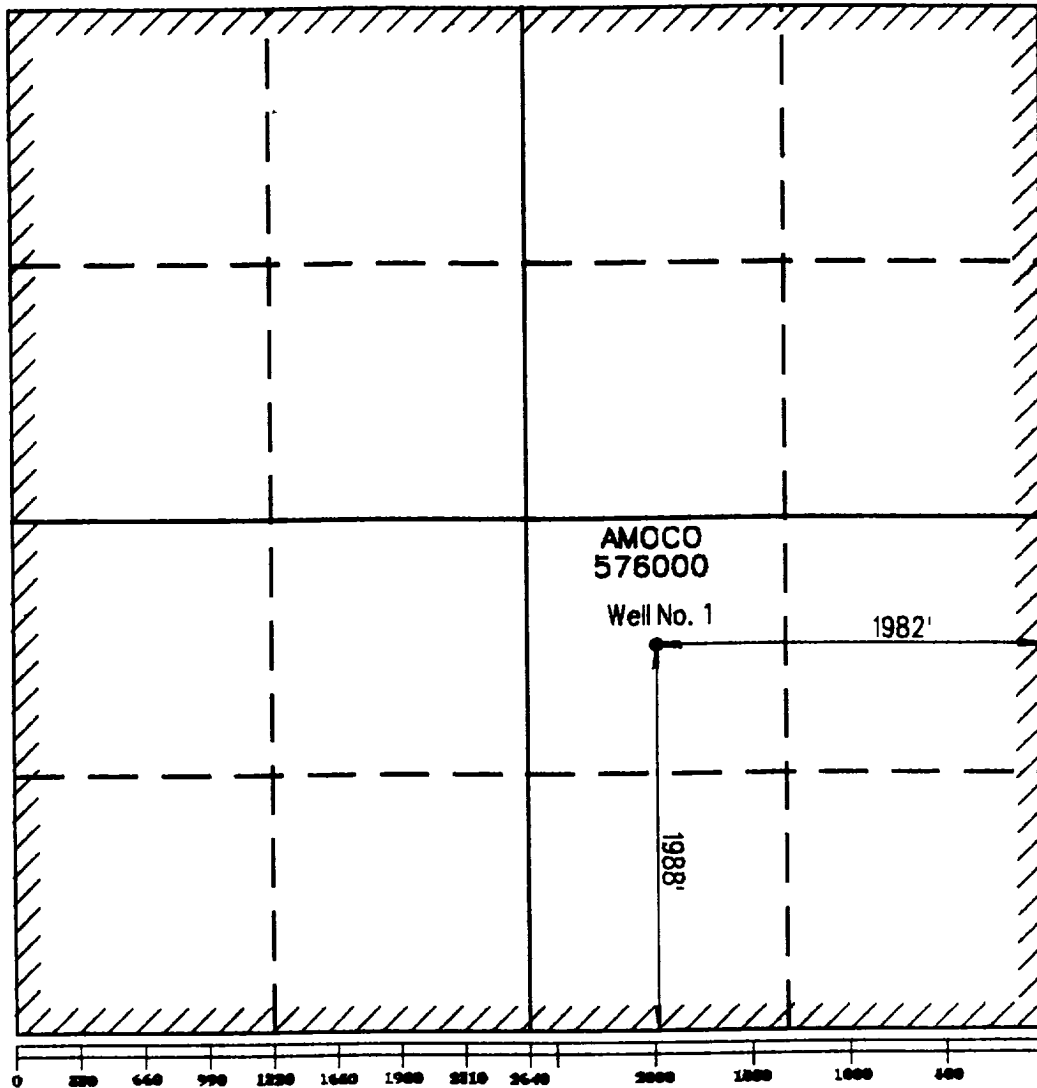
Operator AMOCO PRODUCTION COMPANY			Lease BRAVO DOME CARBON DIOXIDE GAS UNIT		Well No. 1
Unit Letter J	Section 31	Township 22 NORTH	Range 33 EAST	County NMPH	UNION
Actual Footage Location of Well 1982 feet from the EAST line and 1988 feet from the SOUTH line					
Ground Level Elev. 4950.19'	Producing Formation TUBB	Pool BRAVO DOME CARBON DIOXIDE GAS		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 communication, 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 communication, 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

Jay Filkins

Printed Name

Jay Filkins

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.

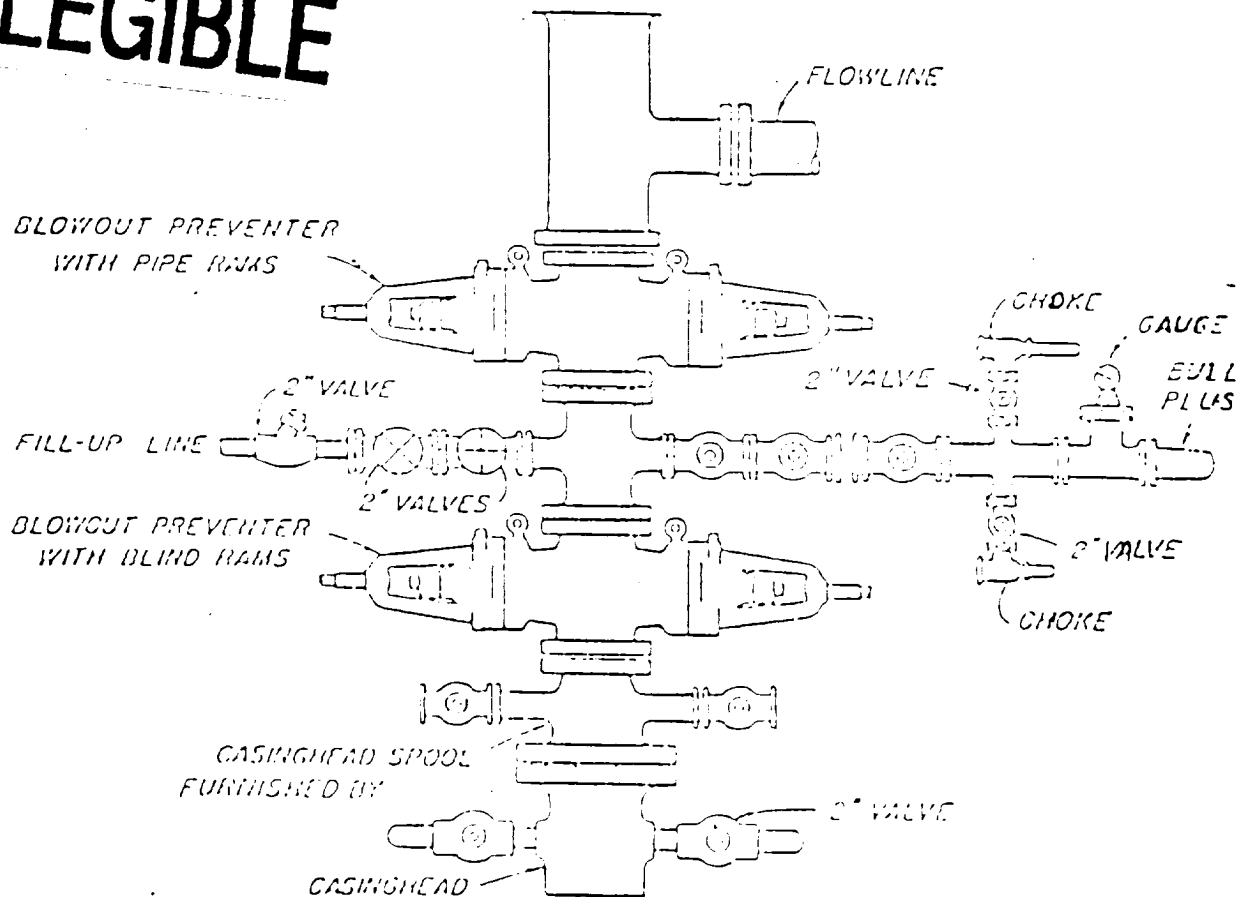
11013

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



BLOWOUT PREVENTER HOOK-UP

Amoco Production Company

EXHIBIT D-1 MODIFIED