

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)

30-021-20260

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

L-5749

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 - 2133

2. Name of Operator

Amoco Production Company

8. Well No.

081G

3. Address of operator

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

9. Pool name or Wildcat

Tubb

4. Well Location

Unit Letter G : 1762 Feet From The East Line and 1971 Feet From The North Line

Section 8 Township T 21 N Range R 33 E NMPM Harding County

10. Proposed Depth

2419

11. Formation

Tubb

12. Rotary or C.T.

Rotary

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

4884

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	2229'	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 190' 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 [Signature] TITLE DISTRICT SUPERVISOR DATE 5-13-93

CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State - 4 copies
Fee Loans - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1968, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87604-2088

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

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

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 8	Township 21 NORTH	Range 33 EAST	County HARDING	NMPK
Actual Footage Location of Well 1762 feet from the EAST line and 1971 feet from the NORTH line					
Ground Level Elev. 4869.60'	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 hashure 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, forced-pooling, etc?

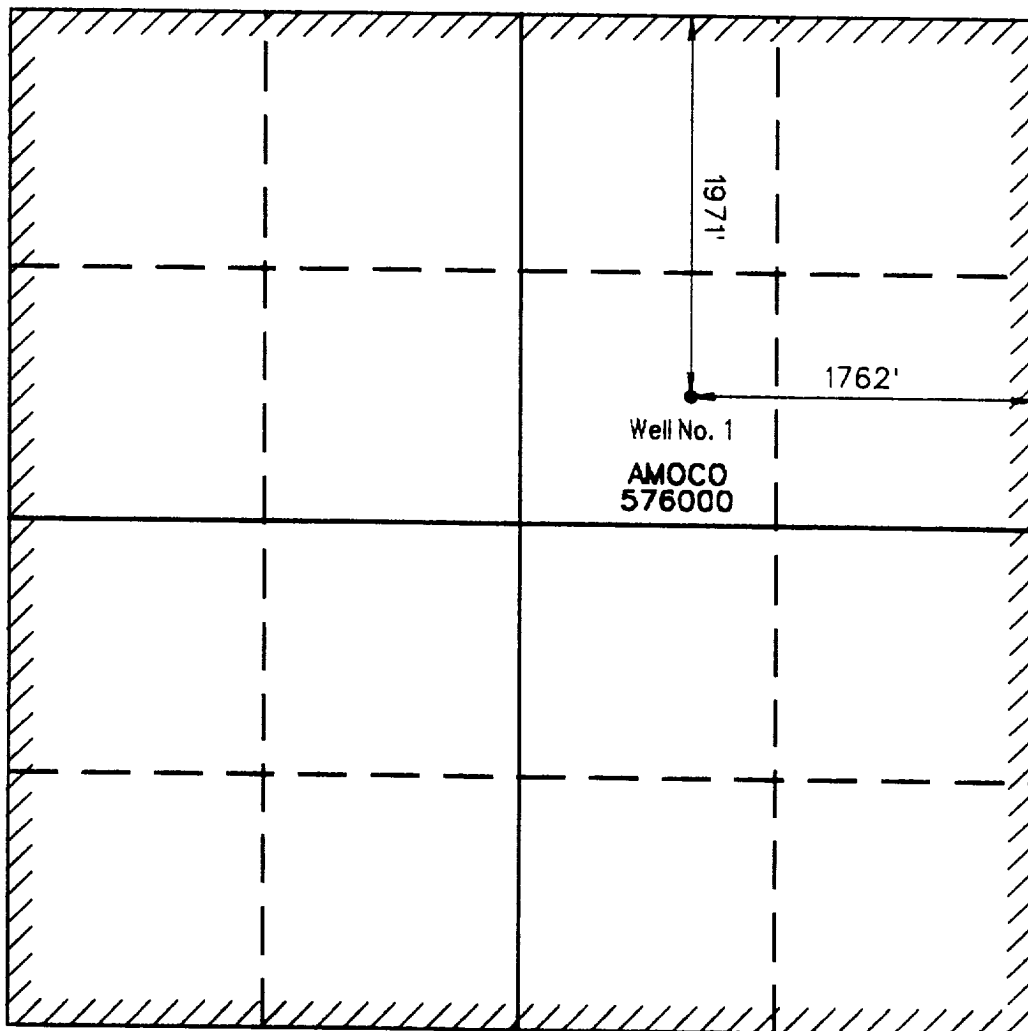
☐ Yes

☐ 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 Filkins

Printed Name

Joy 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

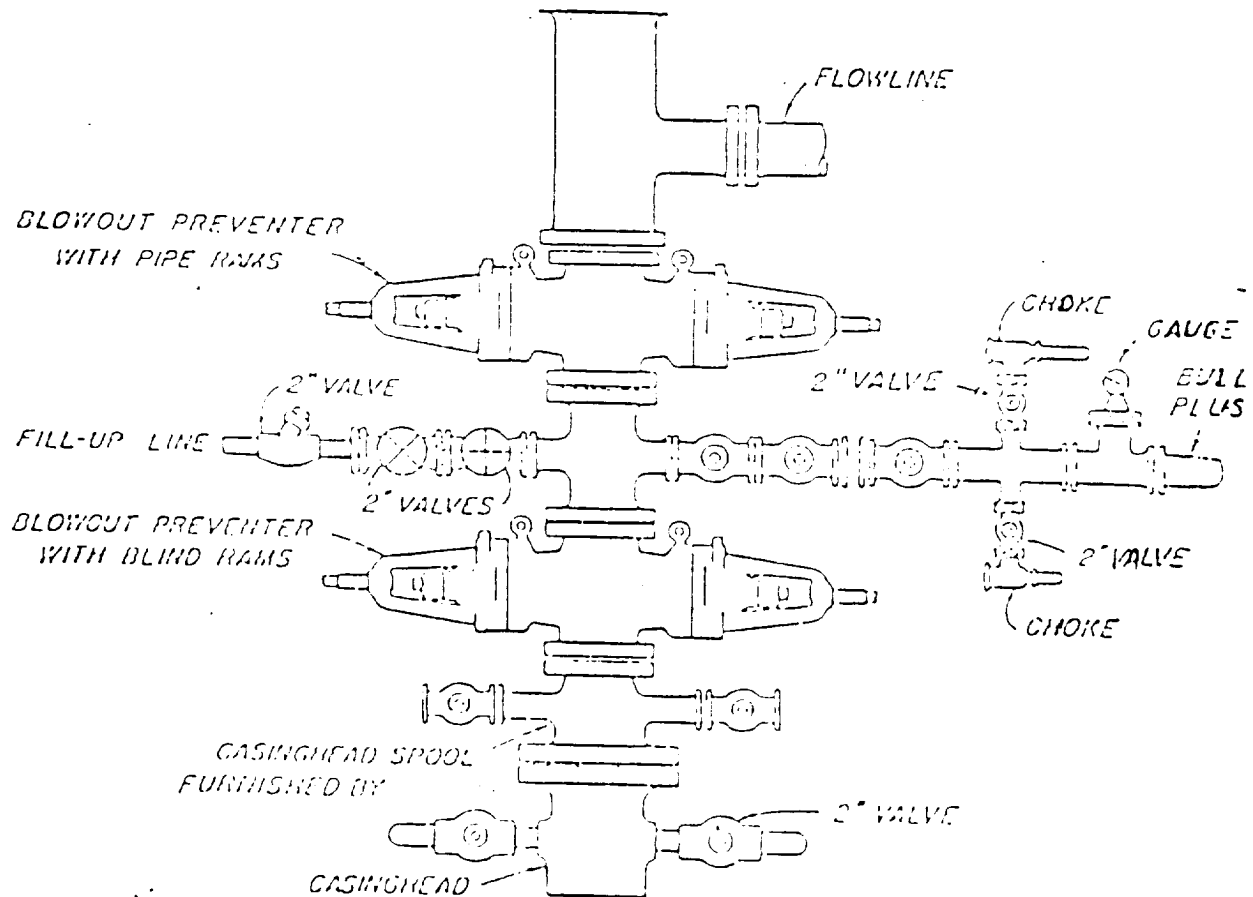
Certificate No.

11013

0 230 460 690 920 1150 1380 1610 1840 2070 2300 2530 2760 2990 3220 3450 3680 3910 4140 4370 4600 4830 5060 5290 5520 5750 5980 6210 6440 6670 6900 7130 7360 7590 7820 8050 8280 8510 8740 8970 9200 9430 9660 9890 10120 10350 10580 10810 11040 11270 11500 11730 11960 12190 12420 12650 12880 13110 13340 13570 13800 14030 14260 14490 14720 14950 15180 15410 15640 15870 16100 16330 16560 16790 17020 17250 17480 17710 17940 18170 18400 18630 18860 19090 19320 19550 19780 20010 20240 20470 20700 20930 21160 21390 21620 21850 22080 22310 22540 22770 23000 23230 23460 23690 23920 24150 24380 24610 24840 25070 25300 25530 25760 25990 26220 26450 26680 26910 27140 27370 27600 27830 28060 28290 28520 28750 28980 29210 29440 29670 29900 30130 30360 30590 30820 31050 31280 31510 31740 31970 32200 32430 32660 32890 33120 33350 33580 33810 34040 34270 34500 34730 34960 35190 35420 35650 35880 36110 36340 36570 36800 37030 37260 37490 37720 37950 38180 38410 38640 38870 39100 39330 39560 39790 40020 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311650 311880 312110 312340 312570 312800 313030 313260 313490 313720 313950 314180 314410 314640 314870 315100 315330 315560 315790 316020 316250 316480 316710 316940 317170 317400 317630 317860 318090 318320 318550 318780 319010 319240 319470 319700 319930 320160 320390 320620 320850 321080 321310 321540 321770 322000 322230 322460 322690 322920 323150 323380 323610 323840 324070 324300 324530 324760 324990 325220 325450 325680 325910 326140 326370 326600 326830 327060 327290 327520 327750 327980 328210 328440 328670 328900 329130 329360 329590 329820 330050 330280 330510 330740 330970 331200 331430 331660 331890 332120 332350 332580 332810 333040 333270 333500 333730 333960 334190 334420 334650 334880 335110 335340 335570 335800 336030 336260 336490 336720 336950 337180 337410 337640 337870 338100 338330 338560 338790 339020 339250 339480 339710 339940 340170 340400 340630 340860 341090 341320 341550 341780 342010 342240 342470 342700 342930 343160 343390 343620 343850 344080 344310 344540 344770 345000 345230 345460 345690 345920 34

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. Nipple 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



BLOWOUT PREVENTER HOOK-UP

Amoco Production Company

EXHIBIT D-1 MODIFIED