

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101  
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

API # 30-021-20148

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒ CO2 OTHER

SINGLE ZONE ☒

MULTIPLE ZONE ☐

2. Name of Operator

Amoco Production Company

3. Address of Operator

P. O. Box 68, Hobbs, NM 88240

4. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE

AND 1980 FEET FROM THE East LINE OF SEC. 4 TWP. 18-N RGE. 33-E NMPM

7. Unit Agreement Name

BDCDGU

8. Farm or Lease Name

BDCDGU 1833

9. Well No.

041

10. Field and Pool, or Wildcat

Und. Tubb

12. County  
Harding

19. Proposed Depth

2710'

19A. Formation

Tubb

20. Rotary or C.T.

Rotary

1. Elevations (show whether DF, RT, etc.)

4765' GL

21A. Kind & Status Plug. Bond

Blanket-on-file

21B. Drilling Contractor

NA

22. Approx. Date Work will start

5-26-81

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"	24#	700'	Circ.	Surface
7-7/8"	5-1/2"	14#	2710'	Tie back to 8-5/8"	BTM 8-5/8"

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 mud and fresh water  
700'-TD Commercial mud and brine with minimum properties for safe hole conditions.

BOP Program Attached  
Gas is not dedicated.

OIL CONSERVATION COMMISSION TO BE NOTIFIED  
WITHIN 24 HOURS OF BEGINNING OPERATIONS

0+2-NMOCD, SF 1-Hou 1-Susp 1-MKE 1-Amerada 1-UGI 1-Cities Svc.  
1-Conoco 1-CO2 in Action 1-Excelsior 1-Sun Tex.

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.

Signed [Signature] Title Admin. Analyst Date 5-20-81

(This space for State Use)

PROVED BY Carl Ulvog TITLE SECRETARY OF ENERGY DATE 5/26/81

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 11-22-81  
UNLESS DRILLING UNDERWAY

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

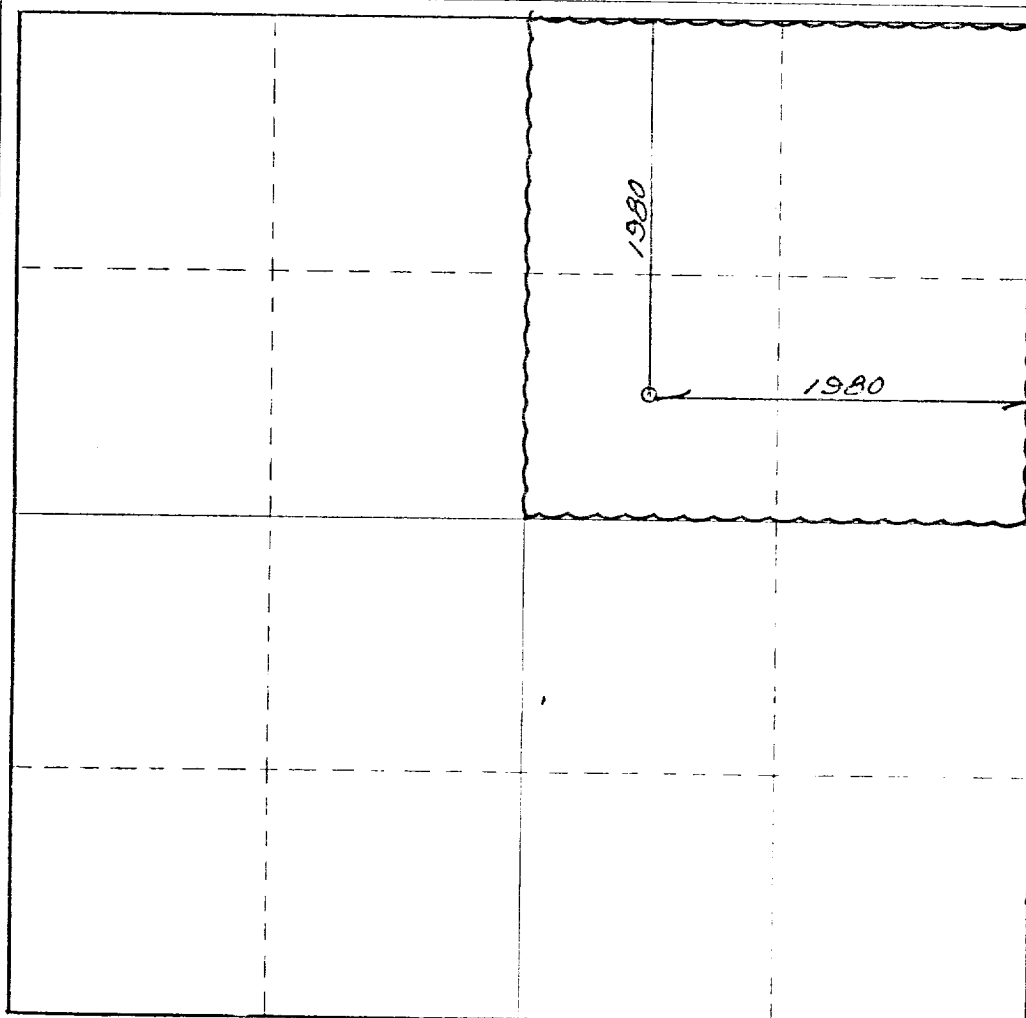
Operator <b>AMOCO</b>			Lease <b>Bravo Dome Carbon Dioxide Gas Unit</b>			Well No. <b>1833 041G</b>
Unit Letter <b>G</b>	Section <b>4</b>	Township <b>T18N</b>	Range <b>R33E</b>	County <b>HARDING</b>		
Actual Footage Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>EAST</b> line						
Ground Level Elev. <b>4765</b>	Producing Formation <b>Tubb</b>		Und. Tubb		Dedicated Acreage: <b>160</b> 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 \_\_\_\_\_

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

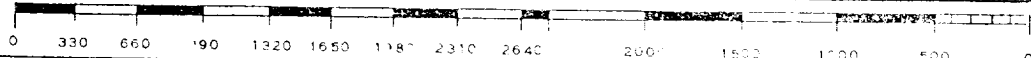
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name Mark R. Galt  
Position Admin. Analyst  
Company Amoco Production Company  
Date 5-20-81

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.

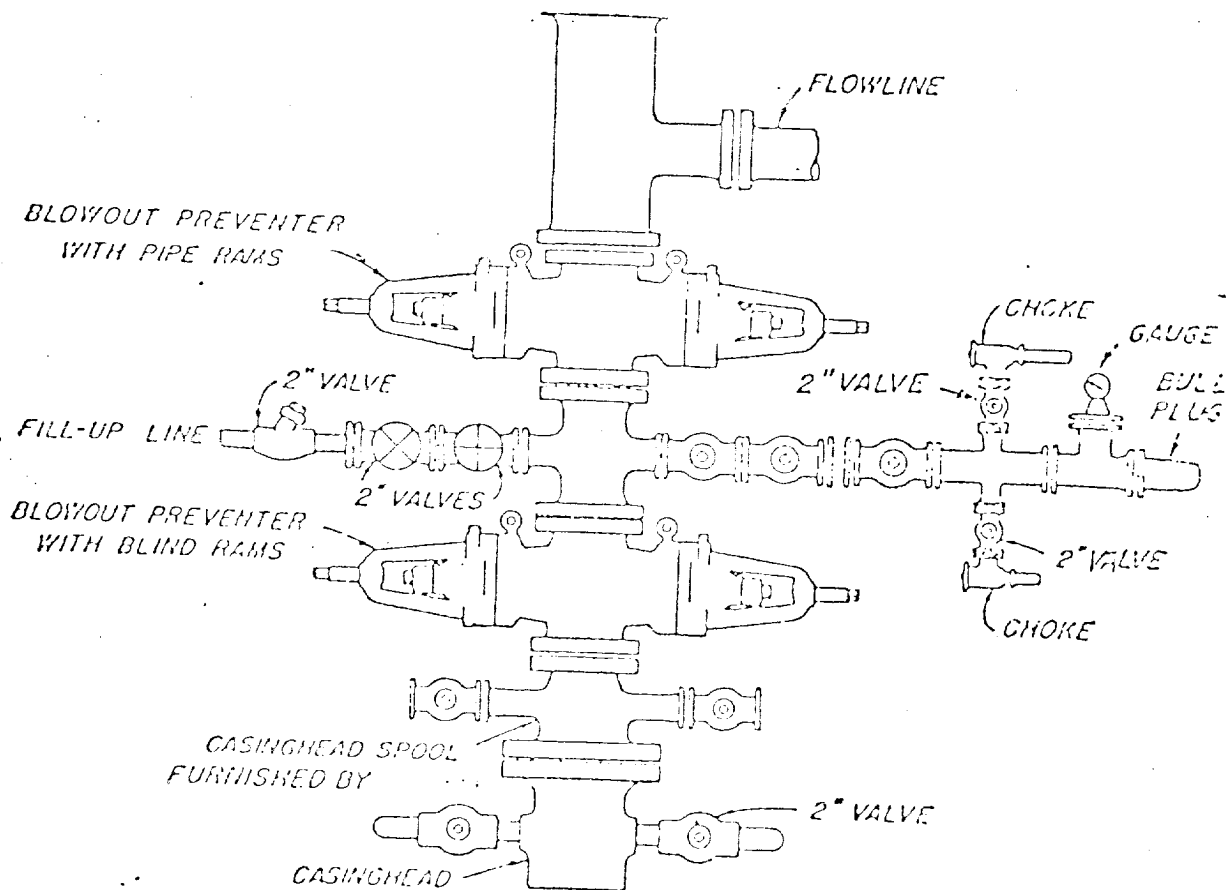
MAY 14, 1981

Date Surveyed 5-10-81  
Registered Professional Engineer  
and/or Land Surveyor  
N.M.L.S. NO. 5103  
E. SHIELD



7/19/81  
1981  
SANDY FE

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. OMSCO 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 PRE-11000 CONCEPT

EXHIBIT D-1 MODIFIED

JUNE 1, 1982