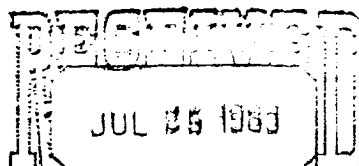


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LAND OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-4-65

API #  
311021-2016



5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	
L-6388	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

1a. Type of Work		SANTA FE		7. Unit Agreement Name	
b. Type of Well		DEEPEN <input type="checkbox"/>		BDCDGU	
OIL WELL <input type="checkbox"/>		PLUG BACK <input type="checkbox"/>		8. Form or Lease Name	
GAS WELL <input checked="" type="checkbox"/> CO2 OTHER		SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		BDCDGU	
2. Name of Operator				9. Well No.	
Amoco Production Company				2033 041G	
3. Address of Operator				10. Field and Pool, or Wildcat	
P. O. Box 68, Hobbs, New Mexico 88240				Und. Tubb	
4. Location of Well				12. County	
UNIT LETTER G LOCATED 1083.1 FEET FROM THE North LINE				Harding	
AND 1980 FEET FROM THE East LINE OF SEC. 4 TWP. 20-N RGE. 33-E NMPM					
19. Proposed Depth		19A. Formation		20. Rotary or D.T.	
2715'		Tubb		Rotary	
21. Elevations (Show whether U.I., K.I., etc.)		21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
5080' GL		Blanket-on-file		3rd quarter-1983	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	9-5/8"	32.30#	700'	Circ.	Surface
8-3/4"	7"	20#	2715'	Tie back to 9-5/8"	Surface

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 Spud Mud  
700 - TD Stable foam using KCL water and foamers

COLLECT AND ANALYZE SAMPLES FOR  
NEW MEXICO BUREAU OF MINES, SOCORRO  
AT AT LEAST TEN FOOT INTERVALS

BOP Program attached.  
Gas is not dedicated.

0+2-NMOCDSF 1-HOU R. E. Ogden RM 21.150 1-SUSP 1-PJS 1-Amerada 1-Amerigas  
1-Cities Service 1-Conoco 1-CO2 in Action 1-Excelsior 1-Sun. Tex. 1-Exxon  
1-Jim Russell, Clayton 1-F. J. Nash, HOU RM 4.206

APPROVAL VALID FOR 90 DAYS  
PERMIT EXPIRES 1-22-83  
UNLESS CANCELLED OTHERWISE

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.

Signed [Signature] Title Assist. Admin. Analyst Date 7-20-83

(This space for State Use)

APPROVED BY [Signature] TITLE DISTRICT SUPERVISOR DATE 7/25/83

CONDITIONS OF APPROVAL, IF ANY:

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

7/25/83

# Memo

*From*

CARL ULVOG

*Chief Geologist*

*To* WELL FILE G-4-20N-33E

SECTION 4 is a short section.

The N/2 N/2 is less than 500 feet wide (N-S).

The well locates 660 feet from each boundary  
of the SW/NE 40-acre tract and is centered  
in Unit G.

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

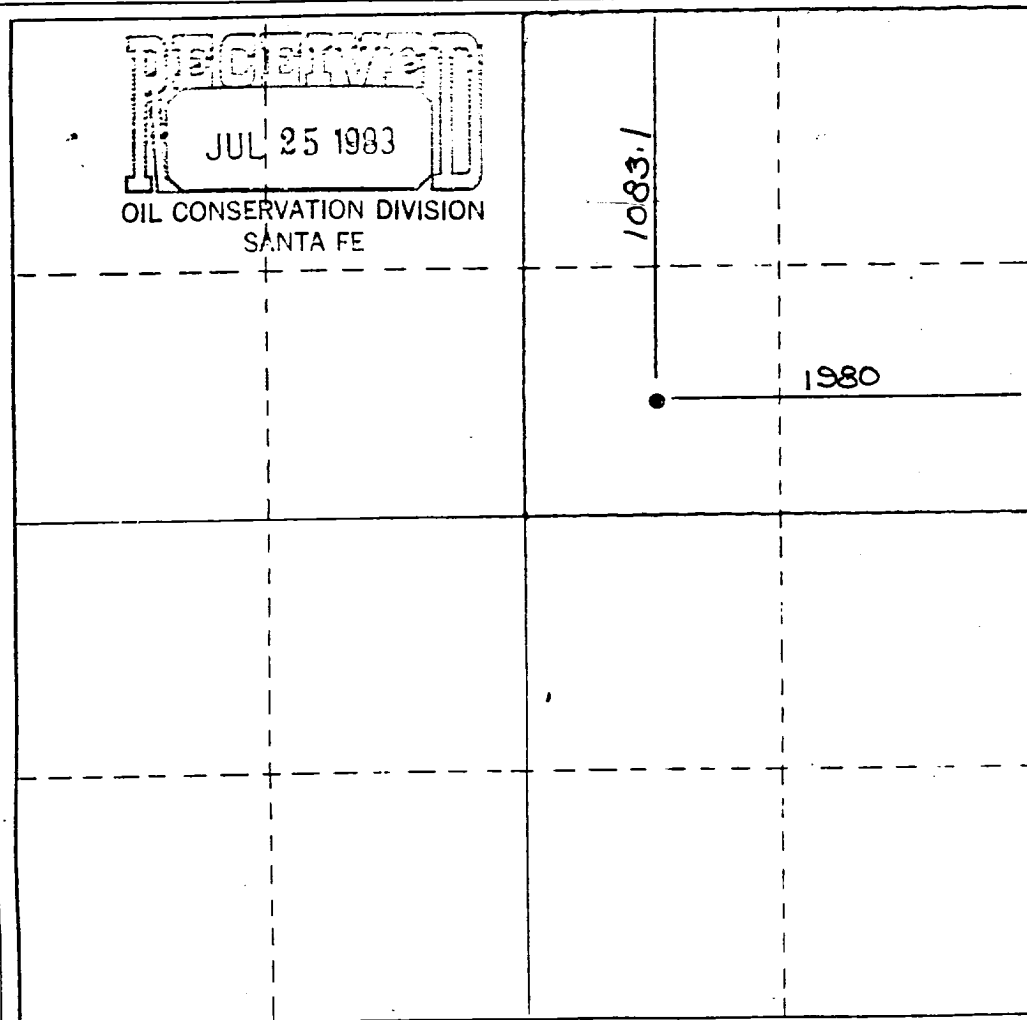
Operator <b>AMOCO PRODUCTION COMPANY</b>		Lease <b>Bravo Dome CO2 Gas Unit</b>		Well No. <b>2033041G</b>
Unit Letter <b>G</b>	Section <b>4</b>	Township <b>T20N</b>	Range <b>R33E</b>	County <b>HARDING</b>
Actual Footage Location of Well: <b>1083.1</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>5080</b>	Producing Formation <b>Tubb</b>	Pool <b>Und. Tubb</b>	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  
**Assist. Admin. Analyst**  
Position  
**Amoco Production Company**  
Company  
**7-22-83**

Date

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.

JUNE 25 1983  
Date Surveyed  
STATE OF NEW MEXICO  
Registered Professional Engineer and/or Land Surveyor  
No. 5103  
N.M. L. E. SHIELDS  
Certificate No. 203

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

STANDARD 2000 PSI W.P. BOP STACK

1. Blow-out preventers may be manually operated.
2. All equipment must be in good condition, 2,000 psi W.P. (4,000 psi test) minimum.
3. Bell nipple above blow-out preventer shall be same size as casing being drilled through.
4. Kelly cock to be installed on kelly.
5. Full opening safety valve 2,000 psi w.p. (4,000 psi test) minimum must be available on rig floor at all times with proper connection or subs to fit any tool joint in string.
6. Spool or cross may be eliminated if connections are available in the lower part of the blow-out preventer body.
7. Double or space saver type preventers may be used in lieu of two single preventers.
8. BOP rams to be installed as follows:
  - Top preventer - Drill pipe or casing rams
  - Bottom preventer - Blind rams

\*Amoco District Superintendent may reverse location of rams.
9. Extensions and hand wheels to be installed and braced at all times.
10. Manifold valves may be gate or plug metal to metal seal 2" minimum.

