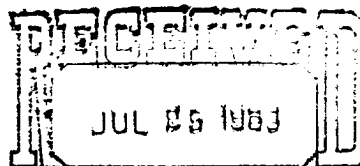


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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 11-65



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		7. Unit Agreement Name	
b. Type of Well		BDCDGU	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	8. Farm or Lease Name	
OIL WELL <input type="checkbox"/>	CAS WELL <input checked="" type="checkbox"/> CO2 OTHER	BDCDGU	
2. Name of Operator		9. Well No.	
Amoco Production Company		2033 031G	
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. 3 TWP. 20-N RGE. 33-E NMPM			
19. Proposed Depth		19A. Formation	20. Rotary or U.E.
2715'		Tubb	Rotary
21. Elevations (Show whether U.I., RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
5055' GL	Blanket on file	NA	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.

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 10-22-83
UNLESS DRILLING UNDERWAY

Mud Program: 0 -700' Native Spud Mud.
700' -TD Stable foam using KCL water and foamer.

BOP Program attached
Gas in not dedicated.
COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

0+2-NMOCD,SF 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

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-3-20N-33E*

SECTION *3* 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.

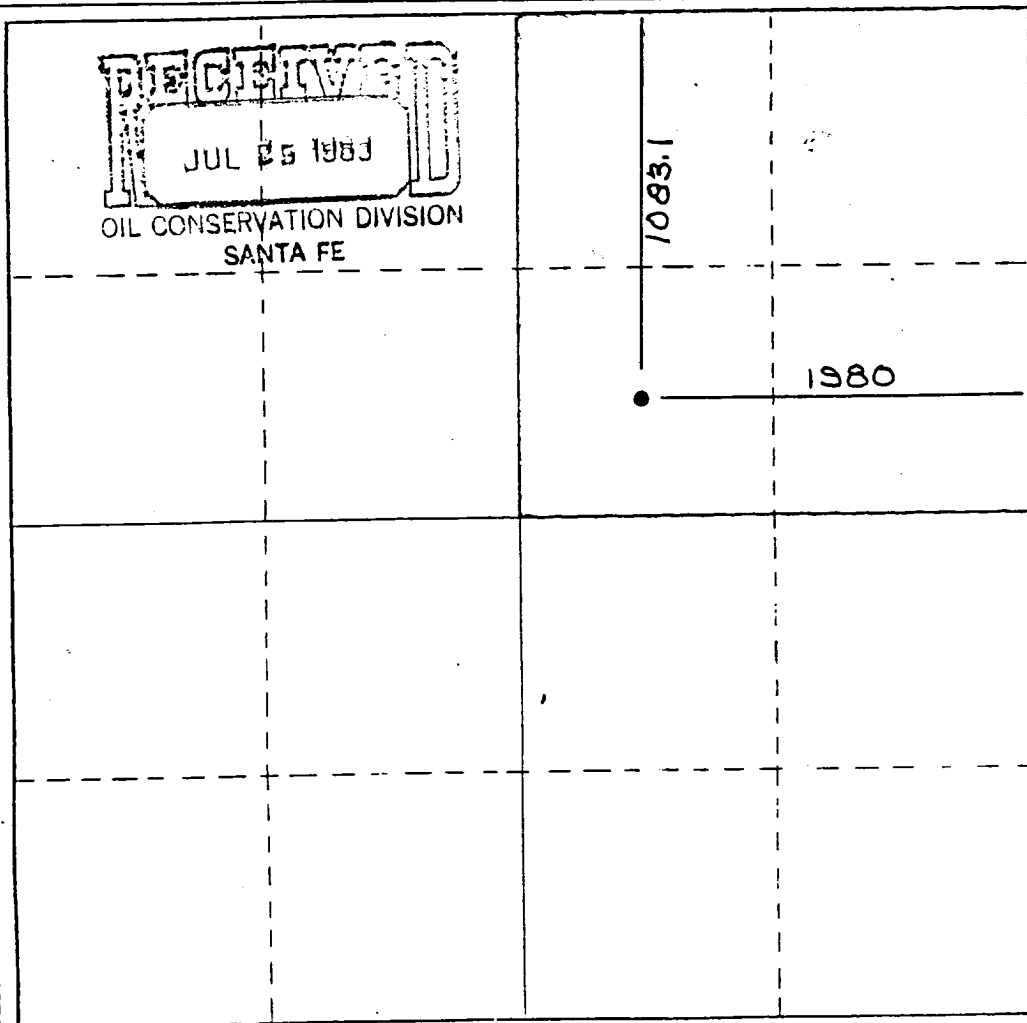
Operator AMOCO PRODUCTION COMPANY			Lease Bravo Dome CO2 Gas Unit		Well No. 2033031G
Unit Letter G	Section 3	Township T20N	Range R33E	County HARDING	
Actual Footage Location of Well: 1083.1 feet from the NORTH line and 1980 feet from the EAST line					
Ground Level Elev. 5055	Producing Formation Tubb	Pool Und. Tubb	Dedicated Acreage: 160 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.

REGISTERED LAND SURVEYOR
JUL 22 1983
No. 5103
Registered Professional Engineer and/or Land Surveyor
LEE E. SHIELDS
N.M.L.S. No. 5103
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

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.

