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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

Waco Co. B # 1-2

API # 30-059-20145

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name BDCDGU
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Form or Lease Name BDCDGU 1935
2. Name of Operator Amoco Production Company		9. Well No. 081 X
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Subunit Und. Tubb
4. Location of Well UNIT LETTER 3 G LOCATED 1980 FEET FROM THE North LINE AND 1880 FEET FROM THE East LINE OF SEC. 8 TWP. 19-N RGE. 35-E NMPM		12. County Union
19. Proposed Depth 2505'		19A. Formation Tubb
20. Rotary or C.T. Rotary		21. Approx. Date Work will start 5-5-81
21. Elevations (Show whether DT, RL, etc.) 4625' GL		21A. Kind & Status of Plug. Bond Blanket-on-file
21B. Drilling Contractor NA		

23. 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.	Surf.
7-7/8"	5-1/2"	14#	2505'	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.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 11-16-81
UNLESS DRILLING UNDERWAY

BOP Program Attached
Gas is not dedicated.

0+2-NMOC, 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.

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 Carl Ulvog Title Admin. Analyst Date 5-12-81

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PETROLEUM GEOLOGIST DATE 5/21/81

CONDITIONS OF APPROVAL, IF ANY:

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

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

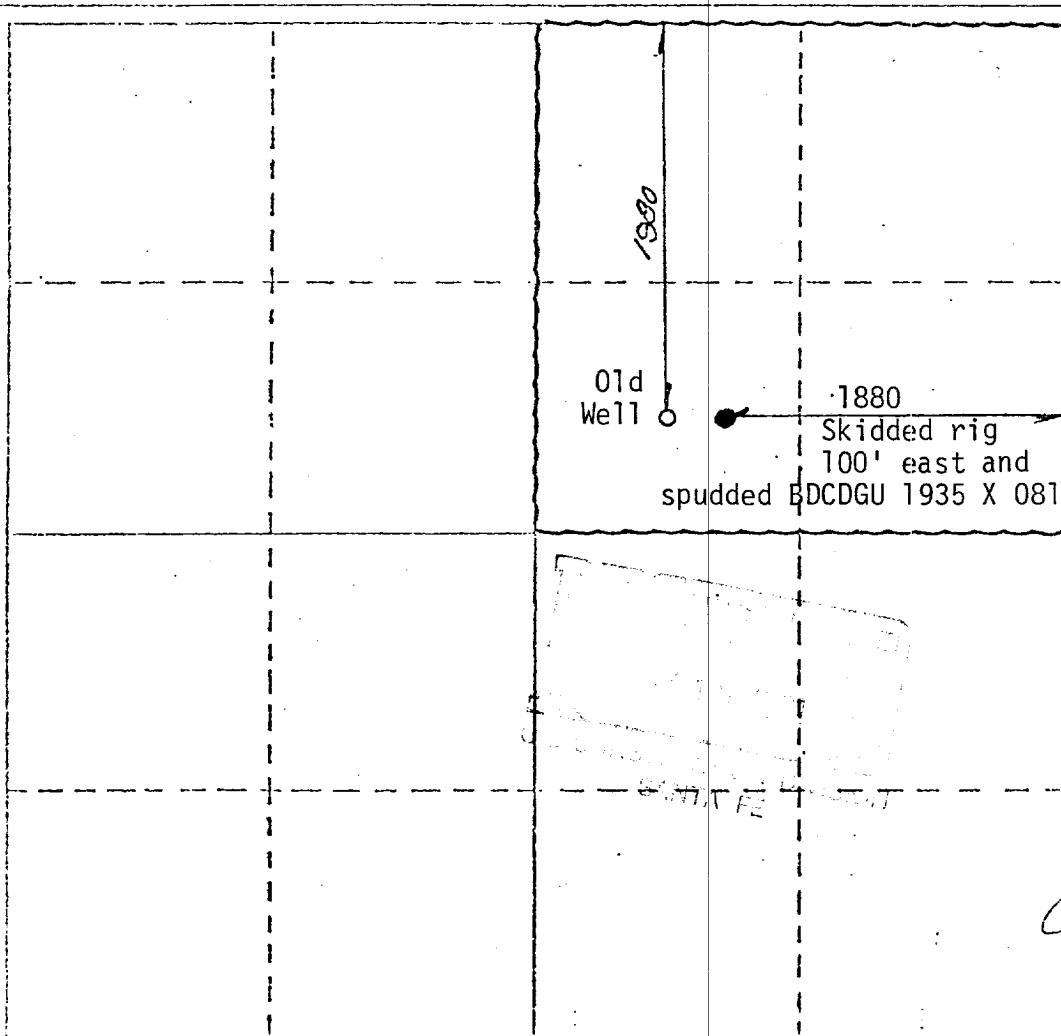
Operator AMOCO			Lease Bravo Dome CO2 Gas Unit			Well No. 081 X		
Unit Letter G	Section 8	Township T19N	Range R35E	County UNION				
Actual Footage Location of Well: 1980			feet from the NORTH line and			1880		
feet from the EAST line			feet from the EAST line			feet from the EAST line		
Ground Level Elev. 4635		Producing Formation Tubb		Pool Und. Tubb		Dedicated Acreage: 160		
						Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 Division.



CERTIFICATION

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

Name Mary G. H.
Position Admin. Analyst

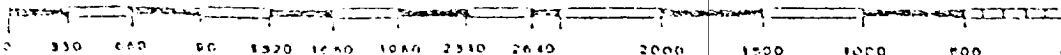
Company Amoco Production Company
Date 5-12-81

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.

FEB 19 1981

Date Surveyed 5-12-81
Registered Professional Engineer
and/or Land Surveyor
N.M.L.S. NO. 5103

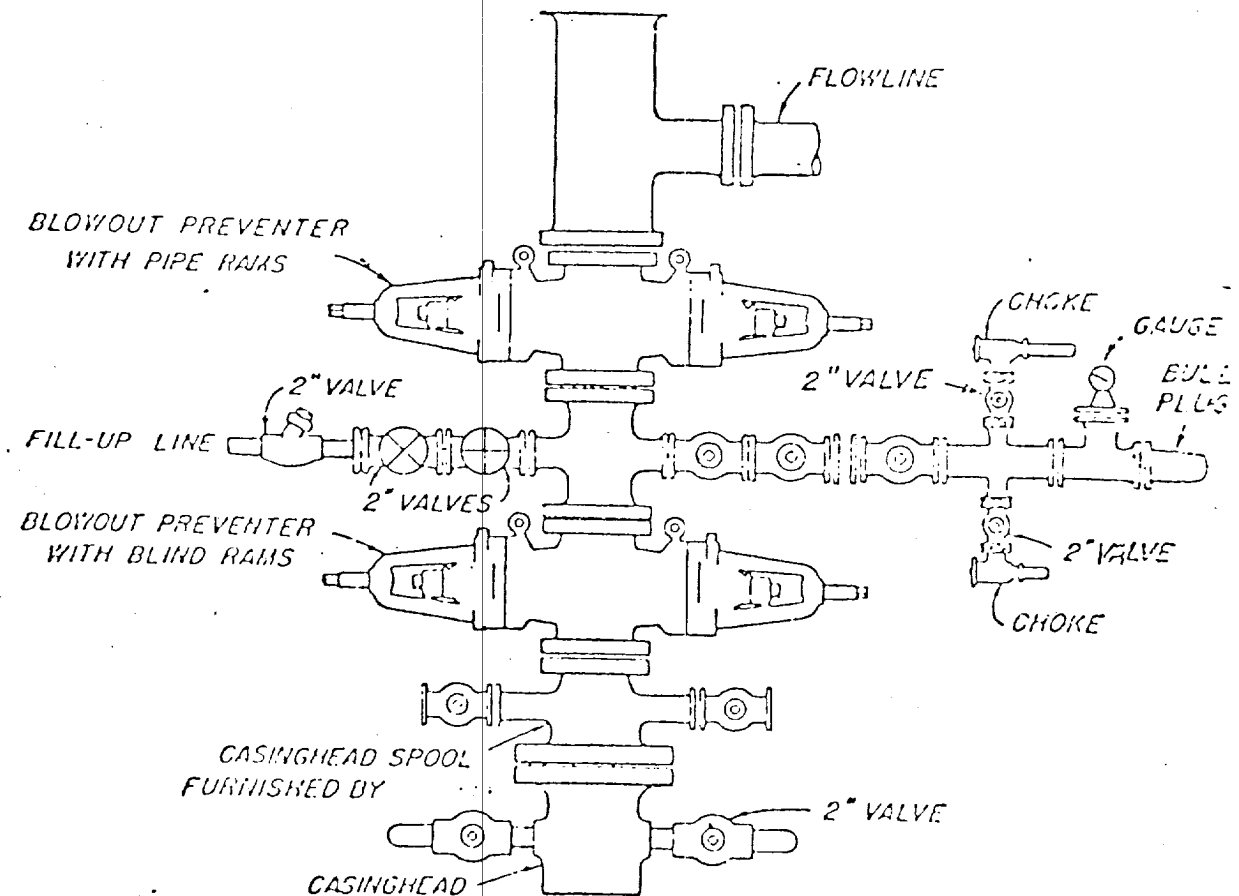
Certificate No.



ATTACHMENT "B"
NOTES

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. OHSCO or comparable safety valve must be available on rig floor at all times with proper connection on 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:	When running casing, use:
Top Preventer - Drill pipe rams	Top Preventer - Casing rams
Bottom Preventer - Blind rams or master valve	Bottom Preventer - Blind rams or master valve



BLOWOUT PREVENTER HOOK-UP

AMOCO PRODUCTION COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962