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NEW MEXICO OIL CONSERVATION COMMISSION

OIL CONSERVATION DIVISION  
SANTA FE

Form C-101  
Revised 1-1-65

1. Indicate Type of Lease

STATE ☐ FEE ☒

2. State Oil &amp; Gas Lease No.

API #30-059-20140

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

1a. Type of Work		7. Unit Agreement Name	
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		BDCDGU	
b. Type of Well		8. Farm or Lease Name	
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> OTHER <input type="checkbox"/>		BDCDGU 1935	
2. Name of Operator		9. Well No.	
Amoco Production Company		191	
3. Address of Operator		10. Field and Pool, or District	
P. O. Box 68, Hobbs, NM 88240		Und. Tubb	
4. Location of Well		12. County	
UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE		Union	
AND 1980 FEET FROM THE East LINE OF SEC. 19 TWP. 19-N RSE 35-E NMAP			
19. Proposed Depth		19a. Formation	
2450'		Tubb	
20. Method of C.T.		Rotary	
21. Elevations (Show whether DI, RI, etc.)		22. Approx. Date Work will start	
4615' GL		5-13-81	
21A. Kind & Status of Reg. Bond		21B. Drilling Contractor	
Blanket-on-file		NA	

## 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#	2450'	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.

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 Admin. Analyst Date 5-11-81

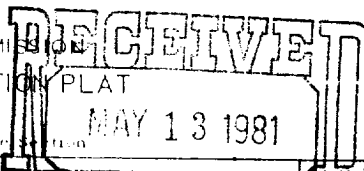
(This space for State Use)

APPROVED BY Carl M. [Signature] TITLE SENIOR PETROLEUM GEOLOGIST DATE 5/15/81

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 9-11-81  
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

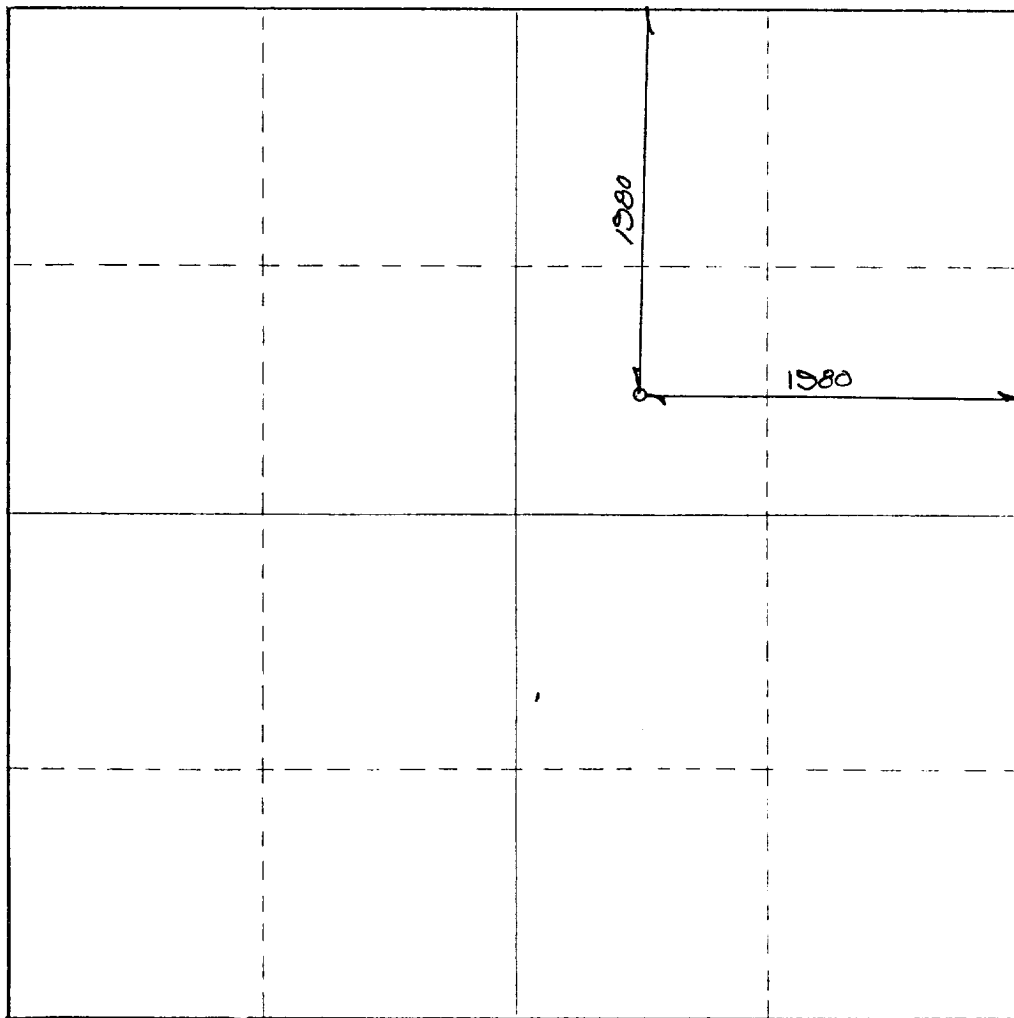
Operator <b>AMOCO</b>		Lease <b>Bravo Dome C02 GAS OILS</b>		Well No. <b>191G</b>
Unit Letter <b>G</b>	Section <b>19</b>	Township <b>T19N</b>	Range <b>R35E</b>	County <b>SANTA FE UNION</b>
Actual Footage Location of Well: <b>1980</b> feet from the <b>NORTH</b> line and <b>1980</b> feet from the <b>EAST</b> line				
Ground Level Elev. <b>4615</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 hatchure 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.

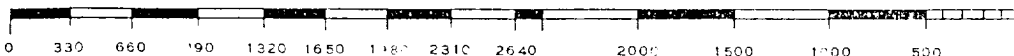
*Marty [Signature]*  
Position  
**Admin. Analyst**

Company  
**Amoco Production Company**

Date  
**5-11-81**

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.

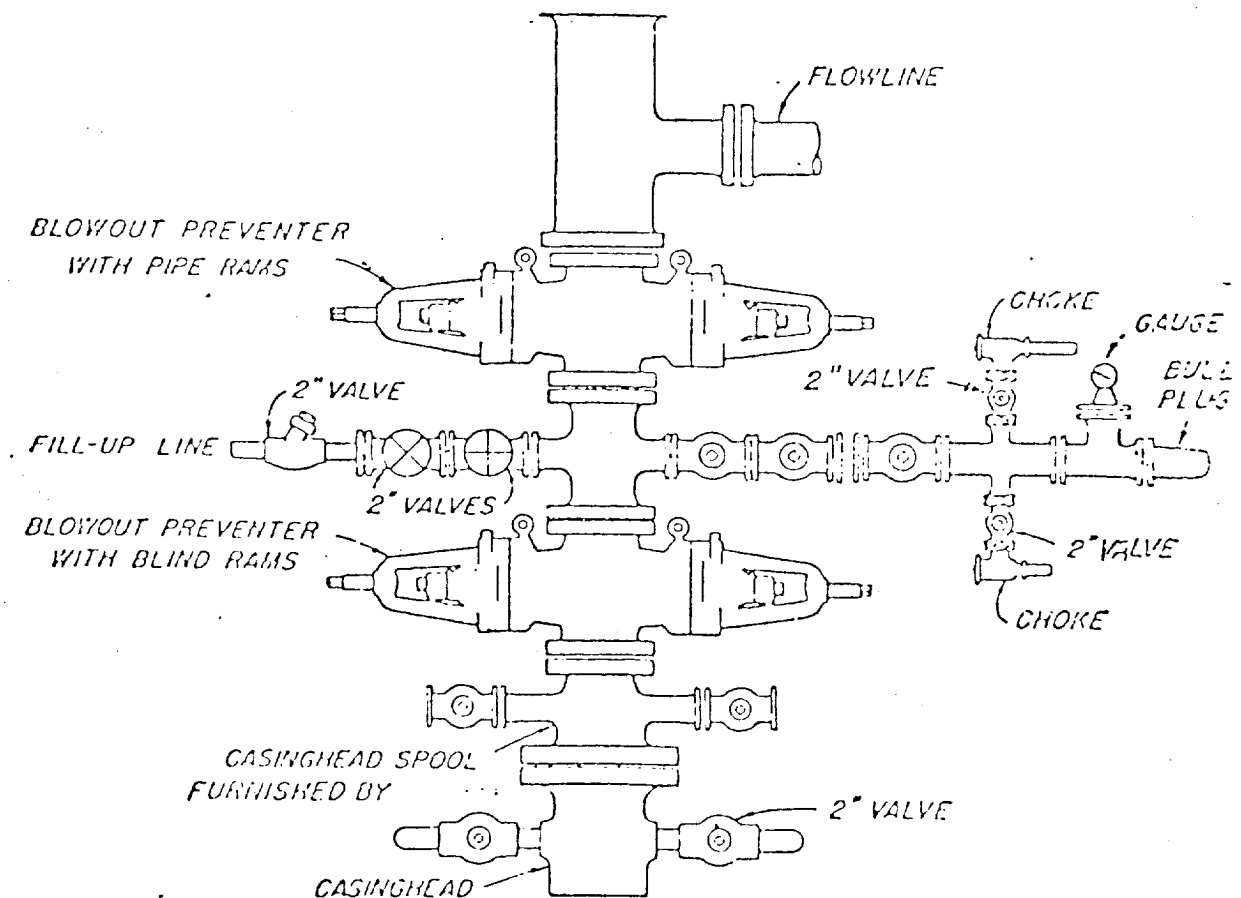
**REGISTERED LAND**  
Date Surveyed  
**MAY 13 1981**  
*[Signature]*  
Registered Professional Engineer and/or Land Surveyor  
**N.M.E.E. SHIELDS 5103**  
Certificate No.



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. 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:	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

AMSCO FROM NATION COMPANY

## EXHIBIT D-1 MODIFIED

JUNE 1, 1962