

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

API # 30-059-20087

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		2. Unit Agreement Name	
b. Type of Well OIL WELL ☐ GAS WELL ☒ CO ₂ OTHER ☐		3. Term or Lease Name State JW	
c. Name of Operator Amoco Production Company		4. Well No. 1	
5. Address of Operator P. O. Box 68, Hobbs, NM 88240		6. Field and Pool, or Well Unit Und. Tubb	
7. Location of Well UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>23</u> TWP. <u>21-N</u> RGE. <u>34-E</u> NMPM		8. County Union	
9. Elevation (whether D.B., H., etc.) 4740' GL		10. Depth of Well 2990'	11. Formation Tubb
21A. Kind of Casing (Blanket-On-File)		21B. Drilling Indicator NA	21C. Approx. Date Work will start 1-16-81

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#	2990'	Tie back to 8 5/8"	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
0+2 NMOCD-SF 1-Hou 1-Susp 1-BD

APPROVAL VALID FOR 180 DAYS
PERIOD 1-13-81
UNLESS DRILLING UNDERWAY

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 Bob Davis Title Admin. Analyst Date 1-8-81

(This space for State Use)

APPROVED BY Paul McCoy TITLE State Engineer DATE 1-13-81

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

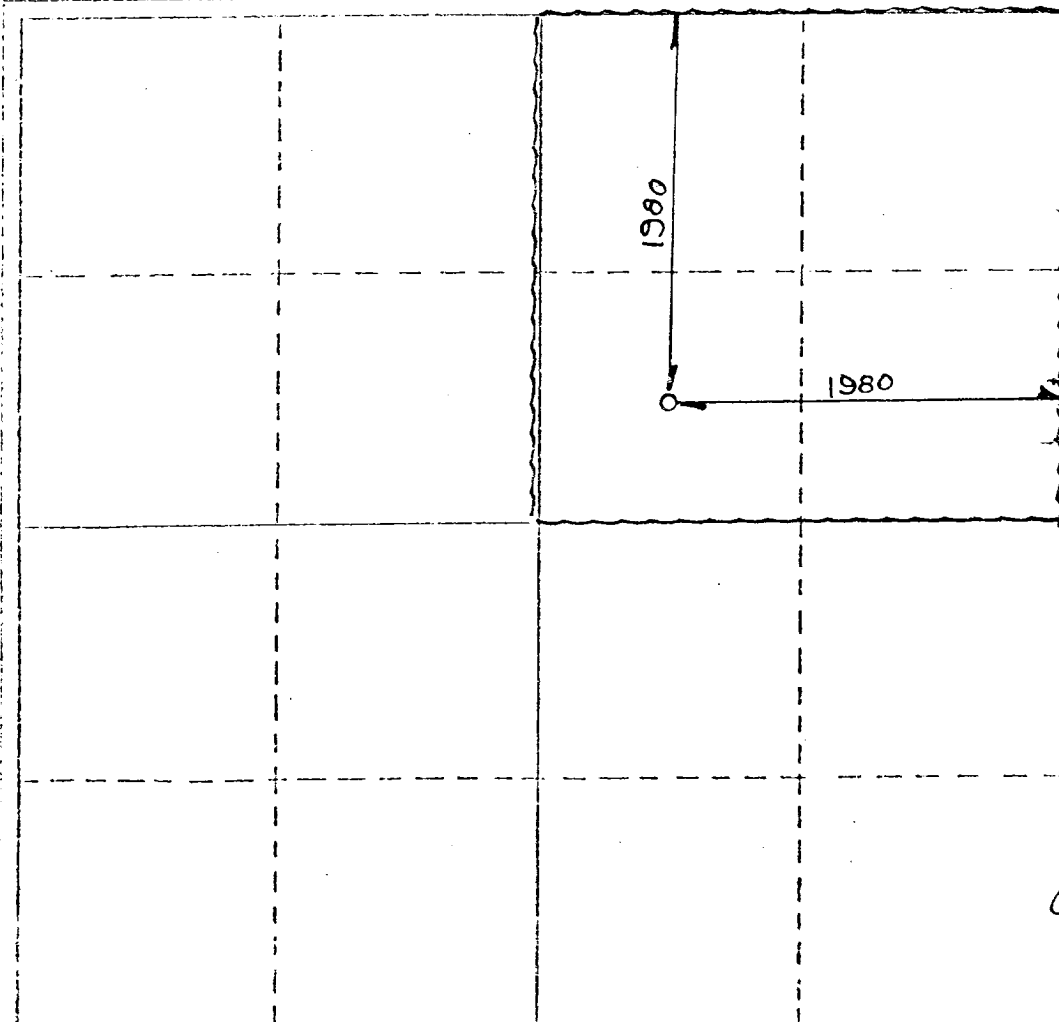
Operator AMOCO			Lease STATE OF NEW MEXICO			Well No. JW 1		
Unit Letter G	Section 23	Township T21N	Range R34E	County UNION				
Actual Footage Location of Well:								
1980 feet from the NORTH		line and 1980 feet from the EAST		Bore				
Ground Level Elev. 4740	Producing Formation Tubb		Pool Und. Tubb		Dedicated Acreage: 160 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 communization, 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 communization, 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.

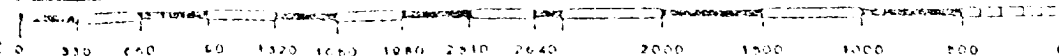
Name
Bob Davis
Position
Admin. Analyst
Company
Amoco Production Company
Date
1-8-81

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.

DEC 31 1980
Date Surveyed
J. E. Shultz
Registered Professional Engineer
and/or Land Surveyor

N.M.L.S. NO. 5103

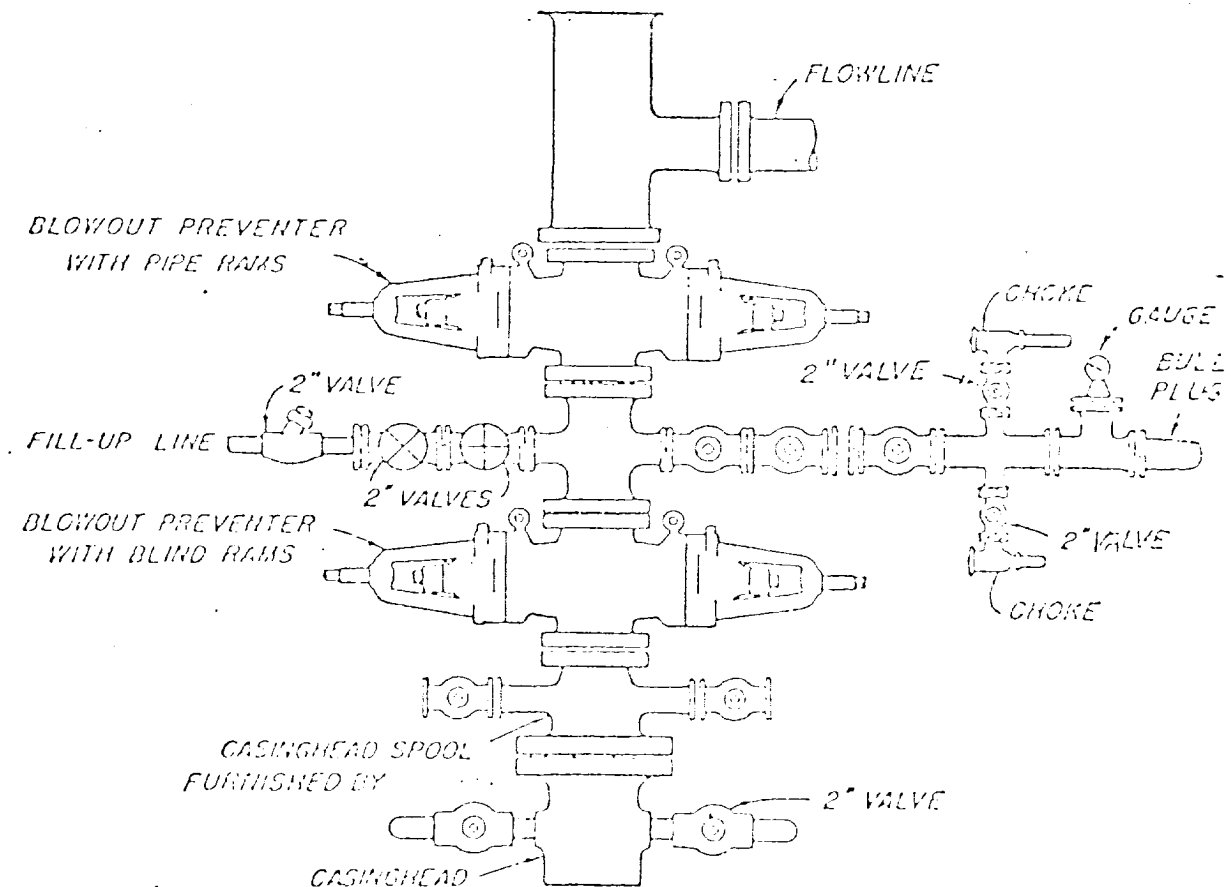
Certificate No. _____



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. 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

AMSCO PRO. DESIGN CORP. 11

EXHIBIT D-1 MODIFIED

JUNE 1, 1960