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NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-021-20139

Form C-101  
Revised 1-1-65

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 Date
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO2 <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name State KB
2. Name of Operator Amoco Production Company		9. Well No. 1X
3. Address of Operator P. O. Box 68, Hobbs, NM 88240		10. Field and Pool, or Wellbore Und. Tubb
4. Location of Well UNIT LETTER F LOCATED 1980 FEET FROM THE North LINE AND 1880 FEET FROM THE West LINE OF SEC 24 TWP. 20-N RSE. 31-E NMPM		12. County Harding
19. Proposed Depth 2330'		19A. Formation Tubb
20. Rotary or C.T. Rotary		
21. Elevation (Show whether D.F., R.L., etc.) 4702' GL	21A. Kind & Status of Log, Bond Blanket-on-file	21B. Drilling Contractor T & R
22. Approx. Date Work will start 4-6-81		

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.	Surf.
7-7/8"	5-1/2"	14#	2330'	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-NMOC, SF 1-Hou 1-Susp 1-3D APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 10-17-81  
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 (SG) Date 4-9-81  
(This space for State Use)

APPROVED BY Carl Ulvog TITLE State Oil & Gas Conservation Commission DATE 4/20/81  
CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102  
Superseries G-123  
Effective 1-1-65

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

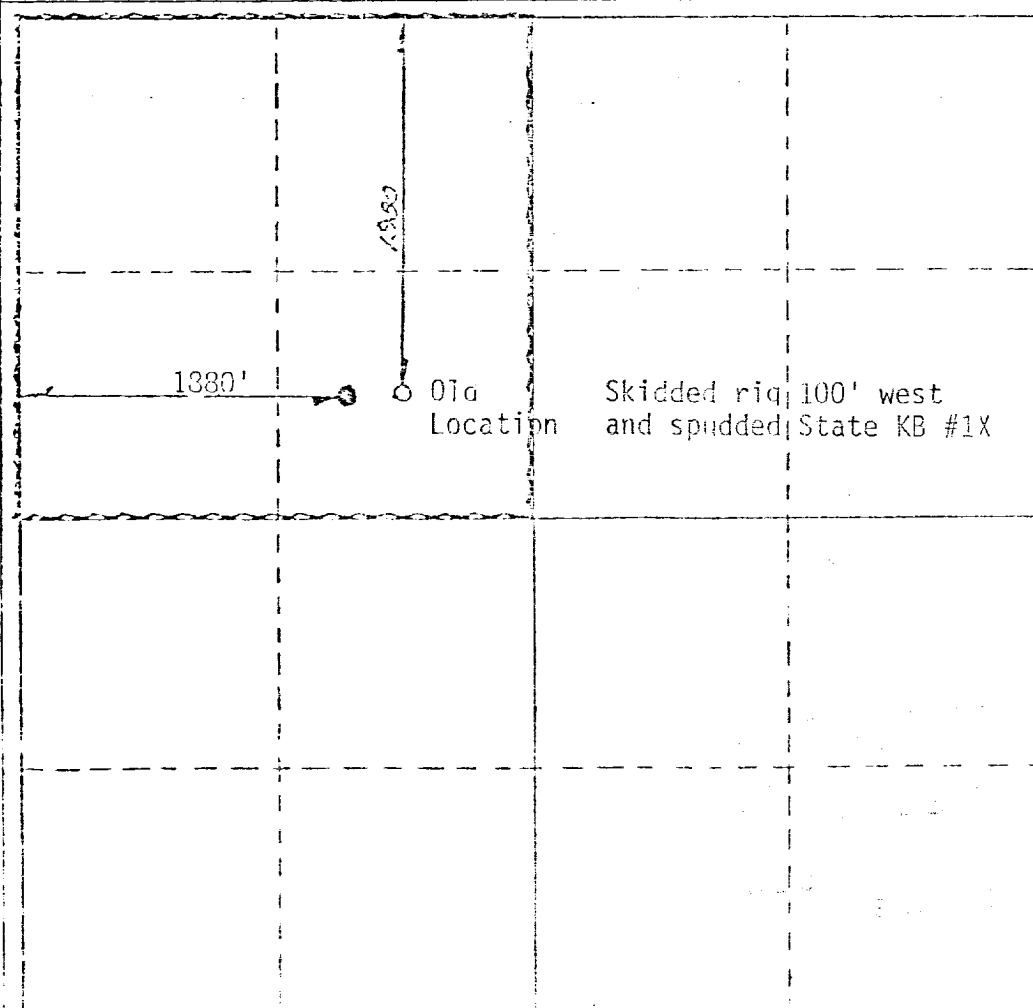
Operator <b>AMOCO</b>			Lease <b>STATE KB</b>		Well No. <b>1X</b>
Well Letter <b>F</b>	Section <b>24</b>	Township <b>T 20N</b>	Range <b>R 31E</b>	County <b>HARDING</b>	
Section Postage Location of Well: <b>1930</b> feet from the <b>NORTH</b> line and <b>1880</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>4702</b>	Producing Formation <b>Tubb</b>		Foot <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.

Name Bob Davis  
Position Administrative Analyst  
Company Amoco Production Company  
Date 4-9-81

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.

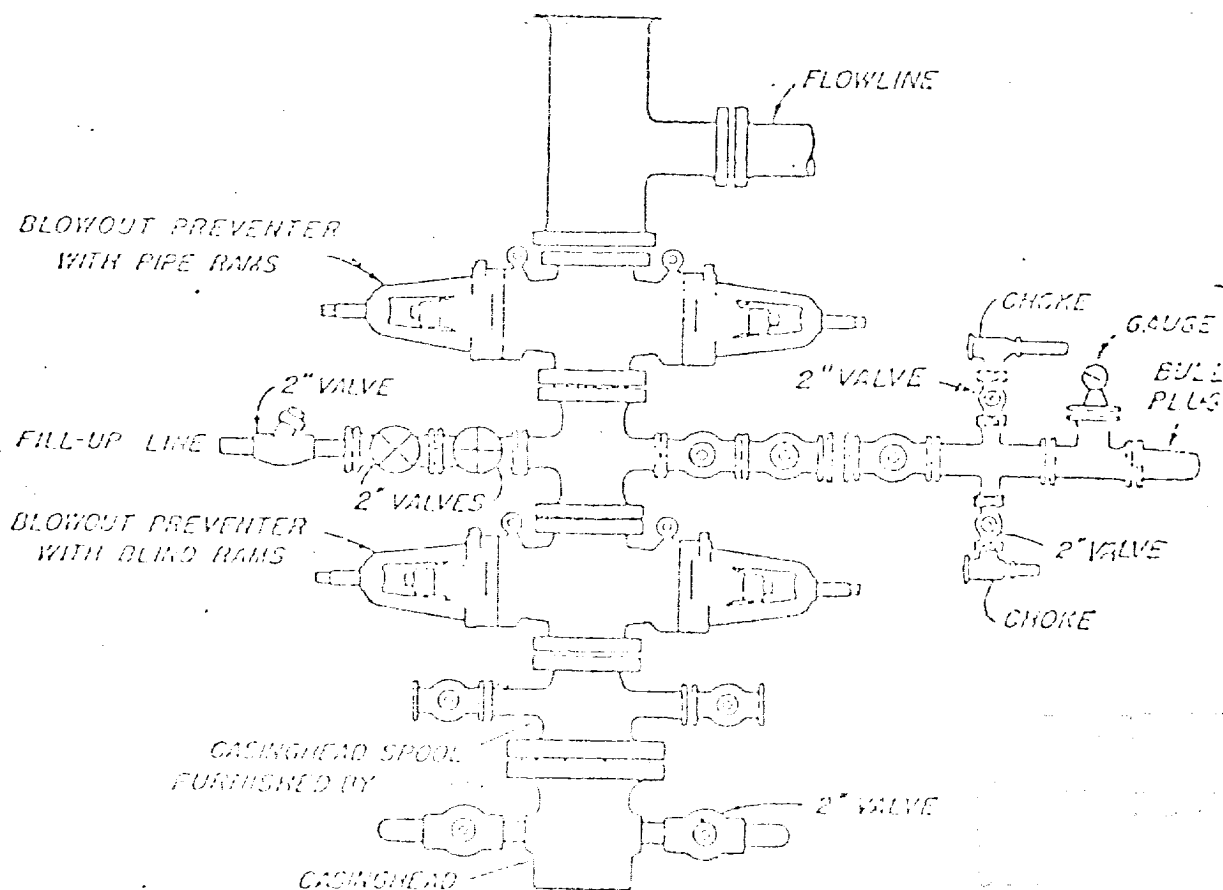
DEC. 18, 1980

Date received DEC 18 1980  
\_\_\_\_\_  
Registered Professional Engineer  
and/or Licensed Surveyor  
N.M.E.S. NO. 5103

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. OHSO 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

AMOCO PAPER COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962