

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1

API # 30-021-20132

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5A. Indicate STATE	Type of Lease FEE ☒
b. Type of Well OIL WELL ☐ GAS WELL ☒ CO2 ☐ OTHER ☐		5. State Of	Gas Lease No.
2. Name of Operator Amoco Production Company		7. Unit Agreement Name	
3. Address of Operator P. O. Box 68 Hobbs, NM 88240		8. Firm or Lease Name Sanford	
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE OF SEC. 7 TWP. 19-N RGE. 33-E NMPM		9. Well No. 1	
		10. Field or Pool, or Wildcat Und. 1 Job	
		12. County Hardy	
		19. Proposed Depth 2840'	19A. Formation Tubb
21. Elevations (Show whether Dr, RT, etc.) 5012' GL		21A. Kind & Status Plug. Bond Blanket-on-file	21B. Drilling Contractor NA
23.		22. Approval Date Work will start 2-27-81	20. Rotary or C.T. Rotary

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4	3-5/8"	24#	700'	Circ.	Surface
7-7/8"	5-1/2"	14#	2840'	Tie back to 8-5/8"	' BTM 8-5/8"

Propose to drill and equip well in the Tubb formation. After reaching TD log 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

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 8-25-81
UNLESS DRILLING UNDERWAY

0+2-NMOCD, SF 1-Hou 1-Susp 1-BD

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT 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 Laws Title Admin. Analyst Date 2-25-81
(This space for State Use)

APPROVED BY Carl King TITLE 1013 13 17 DATE 2/25/81
CONDITIONS OF APPROVAL, IF ANY:

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.

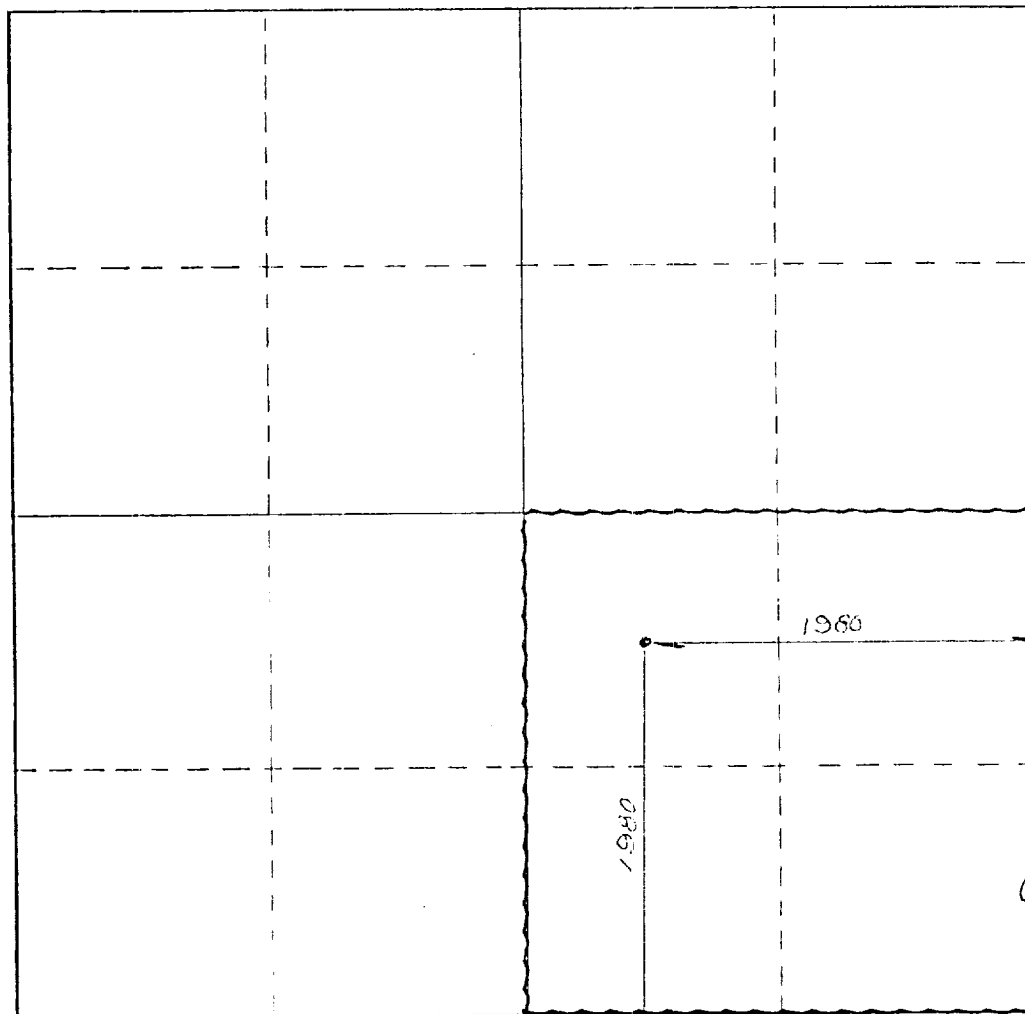
Operator AMOCO			Lease SANFORD			Well No. 1
Unit Letter J	Section 7	Township T19N	Range R33E	County HARDING		
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the EAST						
Ground Level Elev. 5012	Producing Formation Tubb		Pool Und. Tubb		Dedicated Acreage: 0 Acres	

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 **Admin Analyst**
Company **Amoco Production Company**
Date **-20-81**

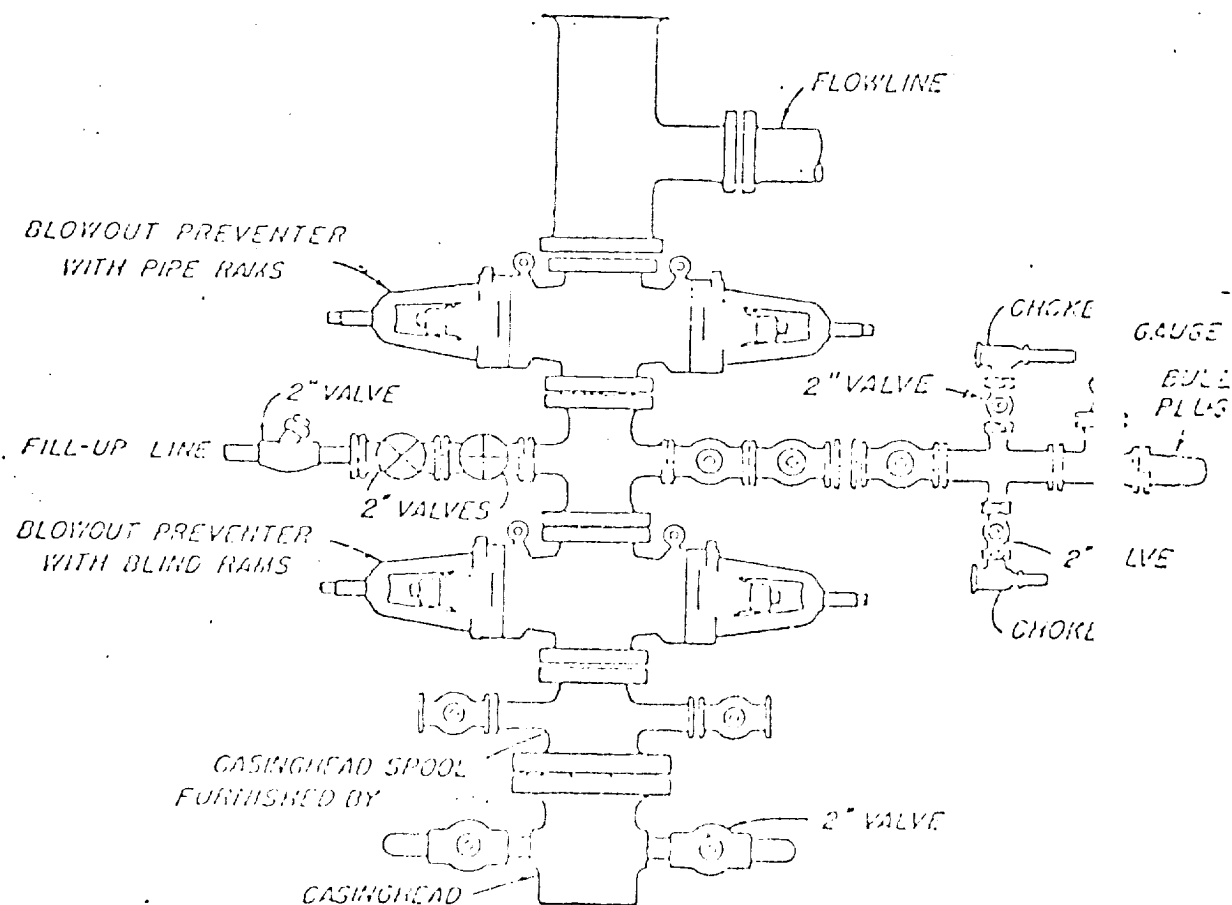
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

FEB. 18 1981
Date Surveyed
Registered Professional Engineer and of Land Survey
N.M.L.S. O. 5103
Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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. Ripple 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. Check 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

AMOCO FIELD SERVICE COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962