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NEW MEXICO OIL CONSERVATION COMMISSION

APJ # 10-059-20059

RECEIVED

SEP 30 1980

Form C-101
Revised 1-1-85

5A. Indicate Type of Lease

STATE ☒ FEE ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Hutcherson B

9. Well No.

18

10. Field and Pool, or Wildcat

Und. Tubb

12. County

Union

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

b. Type of Well

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

OIL WELL ☐

GAS WELL ☒

CO₂

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☐

2. Name of Operator

Amoco Production Company

3. Address of Operator

P. O. Box 68 Hobbs, NM 88240

4. Location of Well

UNIT LETTER F

LOCATED 1650

FEET FROM THE North

LINE

AND 1652

FEET FROM THE West

LINE OF SEC. 22

TWP. 19-N

RGE. 34-E

NMPM

21. Elevations (Show whether DF, RT, etc.)

4762'

21A. Kind & Status Plug. Bond

Blanket-on-file

19. Proposed Depth

2575'

19A. Formation

Tubb

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

NA

22. Approx. Date Work will start

10-15-80

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
11" or 12-1/4"	8-5/8"	24#	700'	Circ.	Surf.
7-7/8"	5-1/2"	14#	2575'	Tieback to 8-5/8"	Bottom 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 with minimum properties for safe hole conditions.

BOP Attached
Gas is not dedicated

0+2-NMOCD, SF 1-Hou 1-Susp 1-LBG 1-W. Stafford, Hou

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

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 1-1-81
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 Benton Green Title Assist. Admin. Analyst Date 9-26-80

(This space for State Use)

APPROVED BY Carl Wilong TITLE SENIOR PETROLEUM GEOLOGIST

DATE 10/3/80

CONDITIONS OF APPROVAL, IF ANY:

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

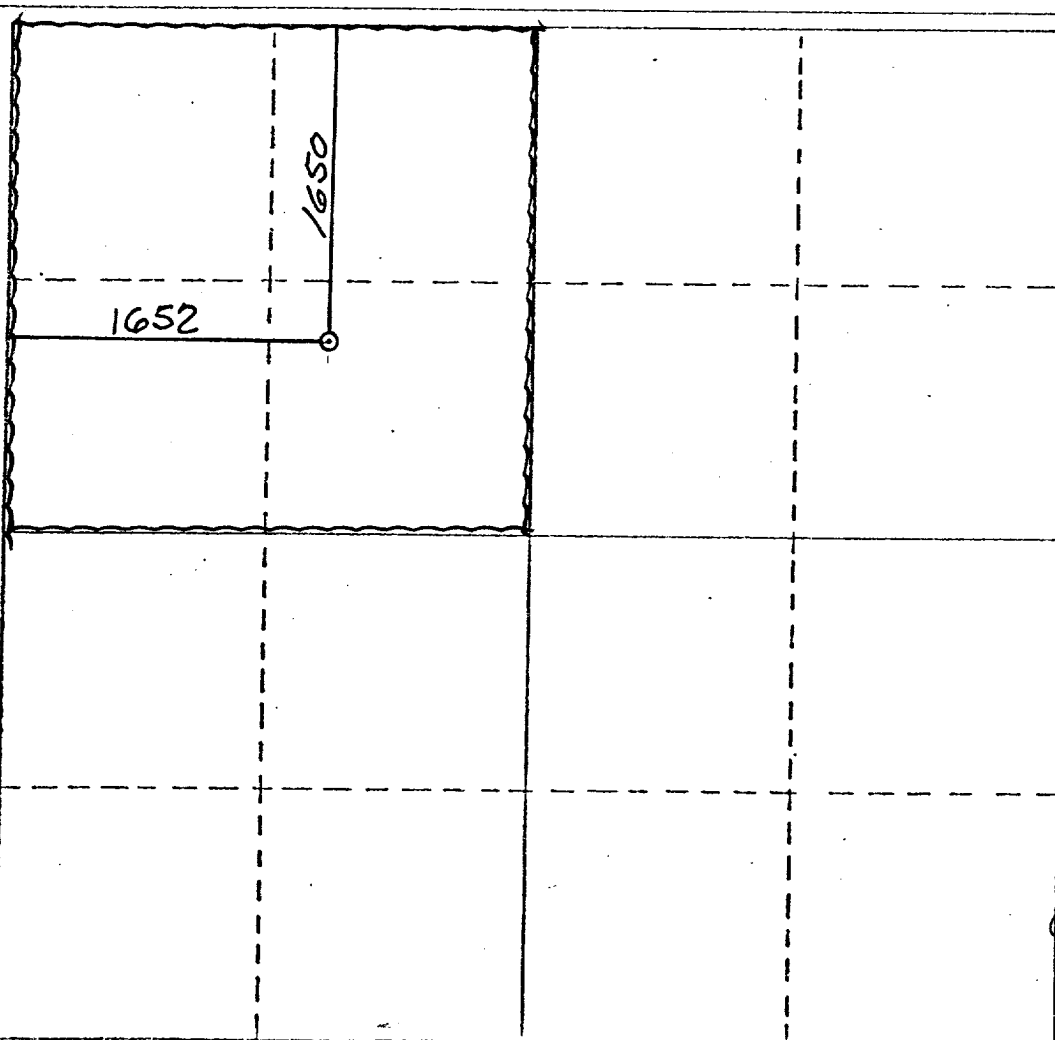
Operator AMOCO		Lease HUTCHERSON B		Well No. 18	
Unit Letter F	Section 22	Township T 19 N	Range R 34 E	County UNION	
Actual Footage Location of Well:					
1650 feet from the NORTH		Line and 1652		feet from the WEST	
Ground Level Elev. 4762	Producing Formation Tubb	Pool Und. Tubb		Dedicated Acreage: 160 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.

Benton Greer

Name
Assist. Admin. Analyst
Position
Amoco Production Company
Company
9-26-80
Date

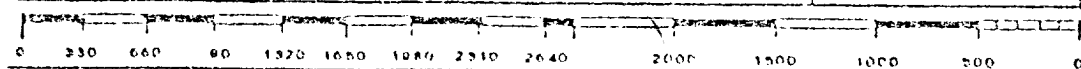
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

SEP 27 1980

Date Surveyed
[Signature]
Registered Professional Engineer
and/or Land Surveyor

N.M.L.S. NO. 5103

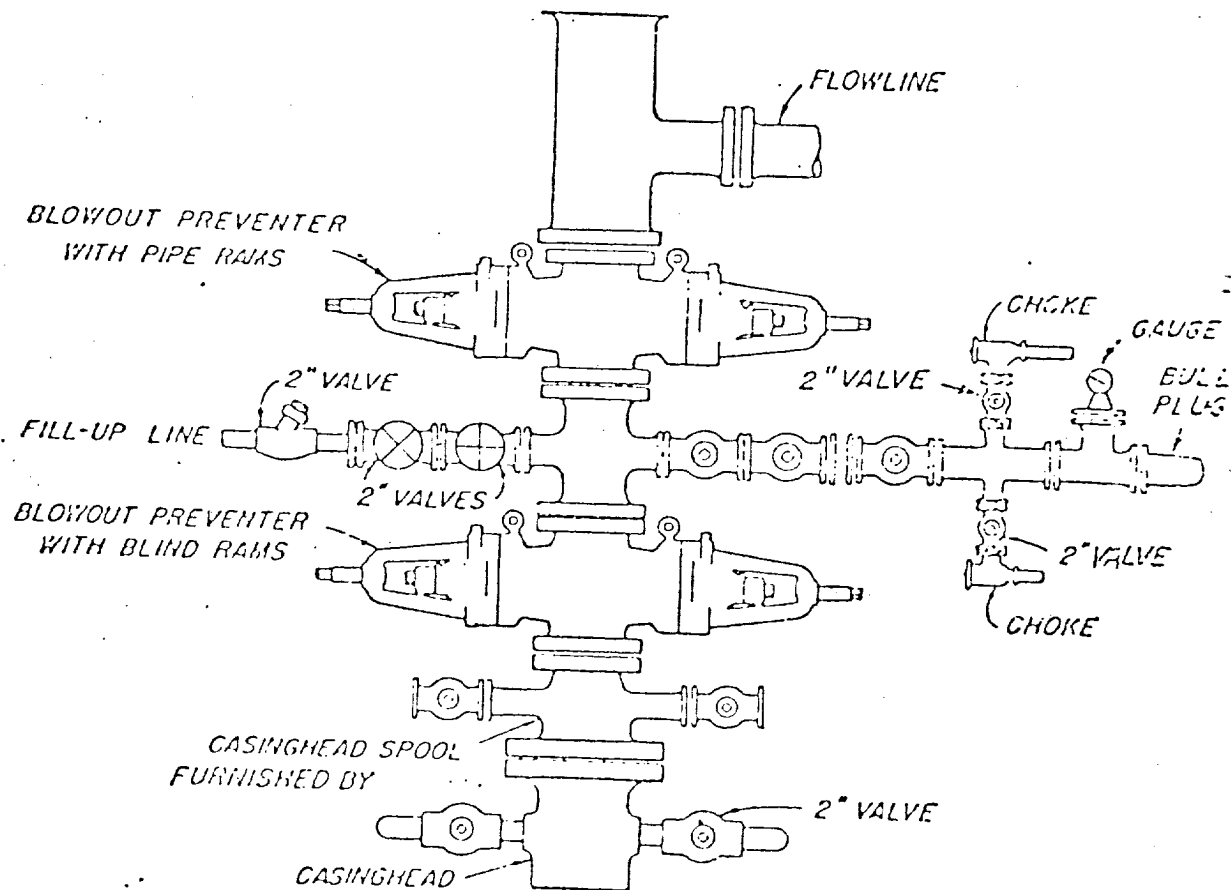
Certificate No.



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. Hipple 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

AMOCO FIELD SERVICE COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1 1962