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NEW MEXICO OIL CONSERVATION COMMISSION

APT # 30-059-20058

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Farm or Lease Name Hutcherson B
9. Well No. 17
10. Field and Pool, or Wildcat Und. Tubb
12. County Union
19. Proposed Depth 2600'
19A. Formation Tubb
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4828' GL
21A. Kind & Status Plug. Bond Blanket-on-file
21B. Drilling Contractor NA
22. Approx. Date Work will start 10-15-80

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> CO <sub>2</sub> OTHER <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator Amoco Production Company					
3. Address of Operator P. O. Box 68 Hobbs, NM 88240					
4. Location of Well UNIT LETTER G LOCATED 1980 FEET FROM THE North LINE AND 1974 FEET FROM THE East LINE OF SEC. 21 TWP. 19-N RGE. 34-E NMPM					
23.					

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#	2600'	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,

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 Greer Title Assist. Admin. Analyst Date 9-26-80

(This space for State Use)

APPROVED BY Carl Young TITLE SENIOR PERMITTING GEOLOGIST DATE 10/3/80

CONDITIONS OF APPROVAL, IF ANY:

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

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-102  
Revised 10-1-79

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

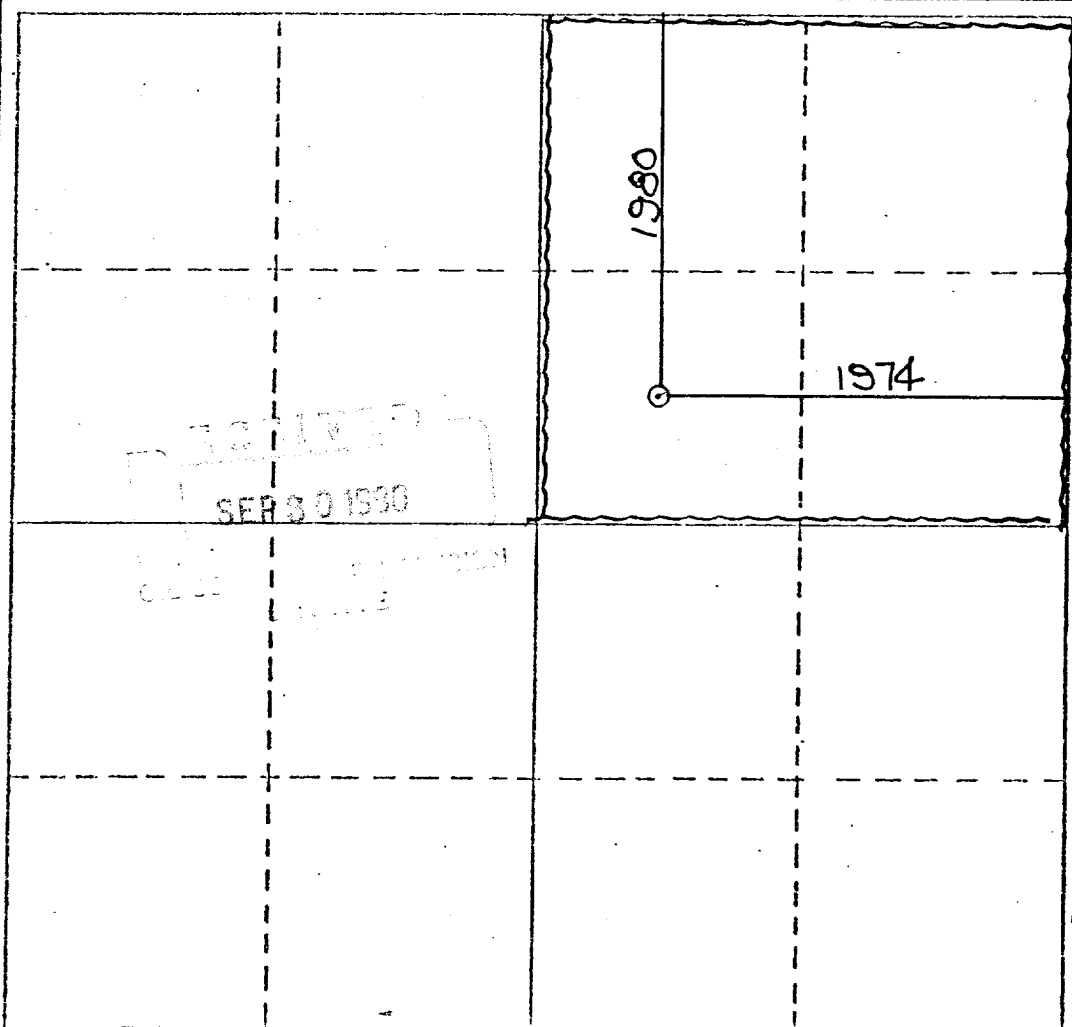
Operator AMOCO		Lease HUTCHERSON B		Well No. B 17
Unit Letter G	Section 21	Township T 19 N	Range R 34 E	County UNION
Actual Postage Location of Well: 1980 feet from the NORTH line and 1974 feet from the EAST line				
Ground Level Elev. 4828	Producing Formation Tubb		Pool Und. Tubb	Dedicated Acreage: A 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 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.

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

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.

SEPT 17, 1980

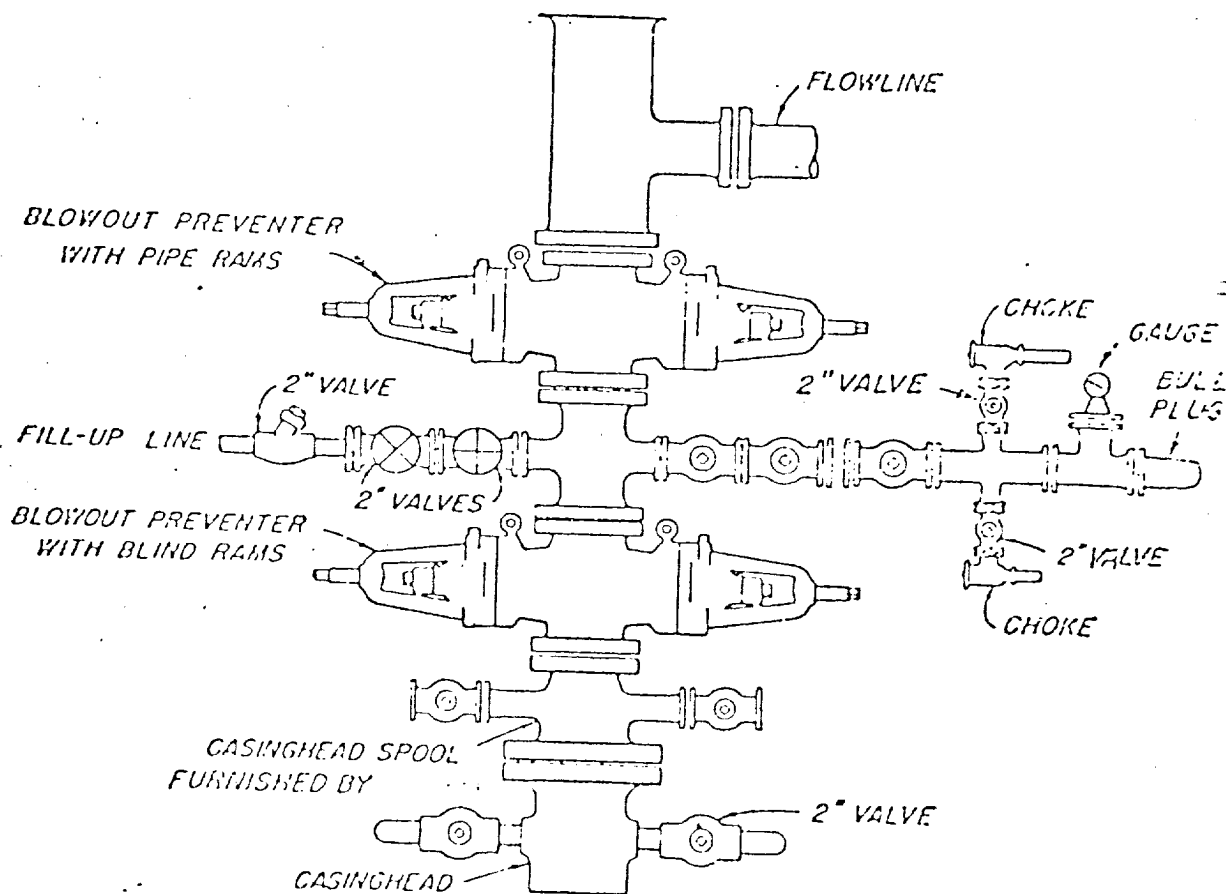
Date Surveyed  
[Signature]  
Registered Professional Engineer  
and/or Land Surveyor  
N.M.C.E.S. NO. 5103

Certificate No. \_\_\_\_\_

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

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**

AMOCO FIELD SERVICE COMPANY

**EXHIBIT D-1 MODIFIED**

JUNE 1, 1962