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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-054-20052

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 Date	
8. Farm or Lease Name	
Hutcherson B	
9. Well No.	
10	
10. Field and Pool, or Wildcat	
Und. Tubb	
12. County	
Union	
19. Proposed Depth	19A. Formation
2500'	Tubb
20. Rotary or C.T.	
Rotary	
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond
4730' GL	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	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>
C02 OTHER <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 K	LOCATED 1980 FEET FROM THE South LINE
AND 1972 FEET FROM THE West	LINE OF SEC. 12 TWP. 19-N REF. 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
12-1/4"	8-5/8"	24#	700'	Circ.	Surf.
7-7/8" or 10-3/4"	5-1/2"	14#	2500'	Tie back 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

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

APPROVAL VALID FOR 90 DAYS
PERMIT EXPIRES 12-17-80
UNLESS DRILLING UNDERWAY

0+2-NMOC-SE 1-Hou Susp 1-LBG 1-W. Stafford, Hou

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 Administrative Analyst Date 9-12-80

(This space for State Use)

APPROVED BY Carl Ulvog TITLE SENIOR PERMITTING OFFICER DATE 9/18/80

CONDITIONS OF APPROVAL, IF ANY: COLLECT AND SACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-79

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

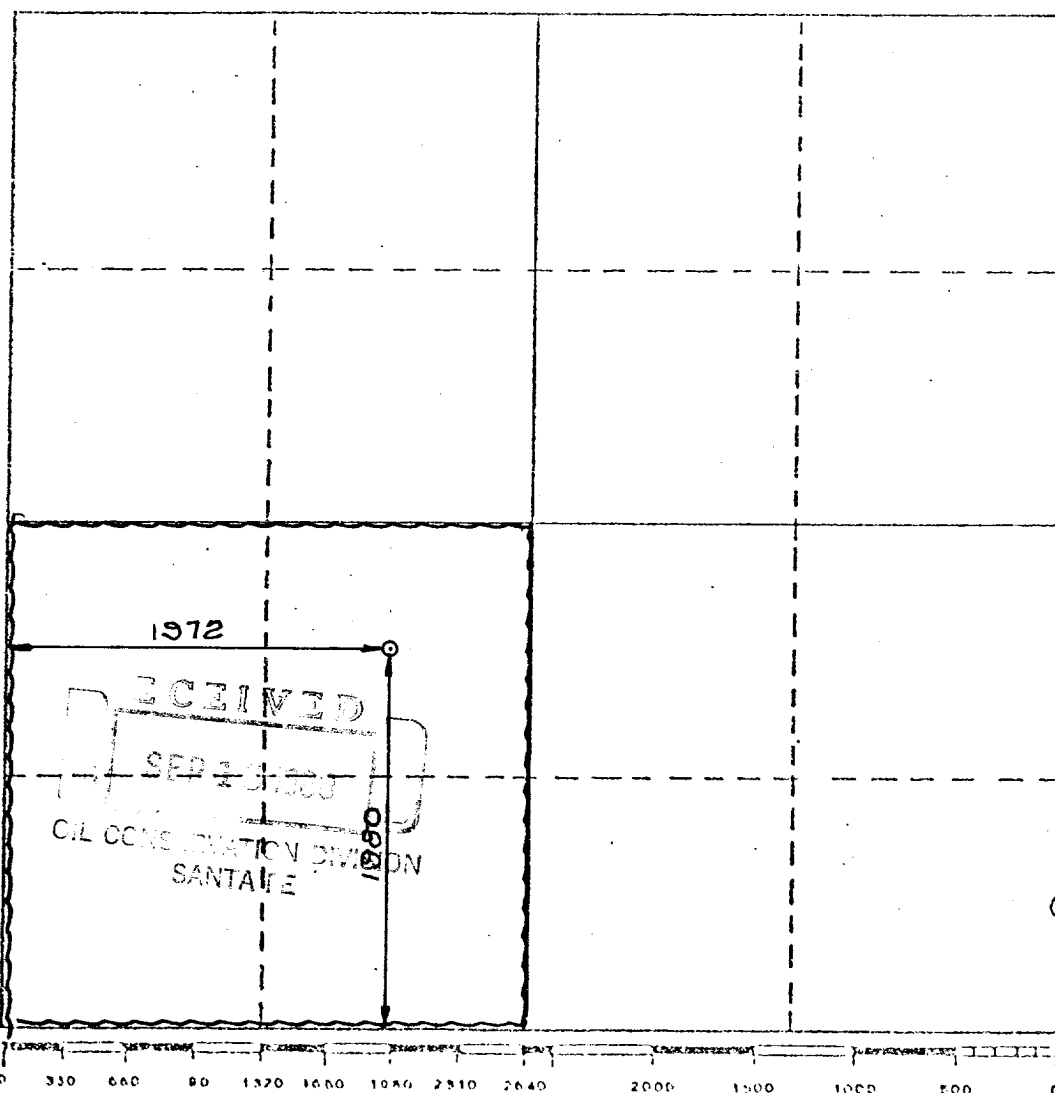
Operator AMOCO		Lease HUTCHERSON B		Well No. 10
Unit Letter K	Section 12	Township T 19 N	Range R 34 E	County UNION
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1972 feet from the WEST line				
Ground Level Elev. 4730	Producing Formation Tubb	Pool Und. Tubb	Dedicated Acreage: 160 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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

Bob Davis

Position

Administrative Analyst

Company

Amoco Production Company

Date

9-12-80

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.

AUGUST 28 1980

Date Surveyed

Registered Professional Engineer
and/or Land Surveyor

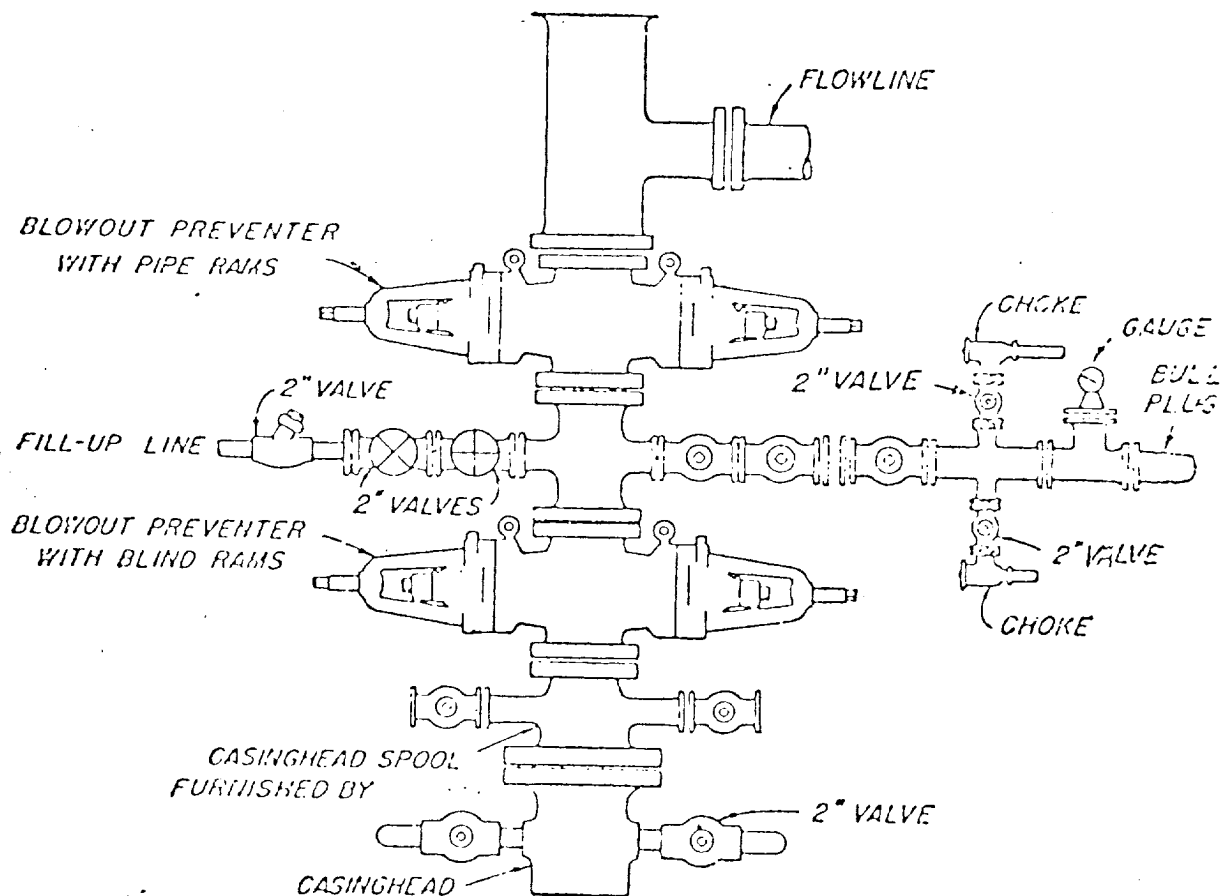
NMLS. NO. 5103

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. R 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. OHMSO 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 Anisco.
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
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BLOWOUT PREVENTER HOOK-UP

ANISCO PRODUCTION COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962