

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

NEW MEXICO OIL CONSERVATION COMMISSION

API # 30-059-26048

Form C-101
Revised 1-1-65

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. 5
10. Field and Pool, or Wildcat Und. Tubb
12. County Union
13. Proposed Depth 2500'
19A. Formation Tubb
20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 4786'
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 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 K LOCATED 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 2 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
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

SEP 10 1980

OIL CONSERVATION DIVISION
0+2-NMOC, SF SANTA FE 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 Helweg TITLE SENIOR PETROLEUM GEOLOGIST DATE 9/18/80

CONDITIONS OF APPROVAL, IF ANY:

COLLECT AND BACK SAMPLES FOR
NEW MEXICO BUREAU OF MINES, SOCORRO
AT AT LEAST TEN FOOT INTERVALS

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

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

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

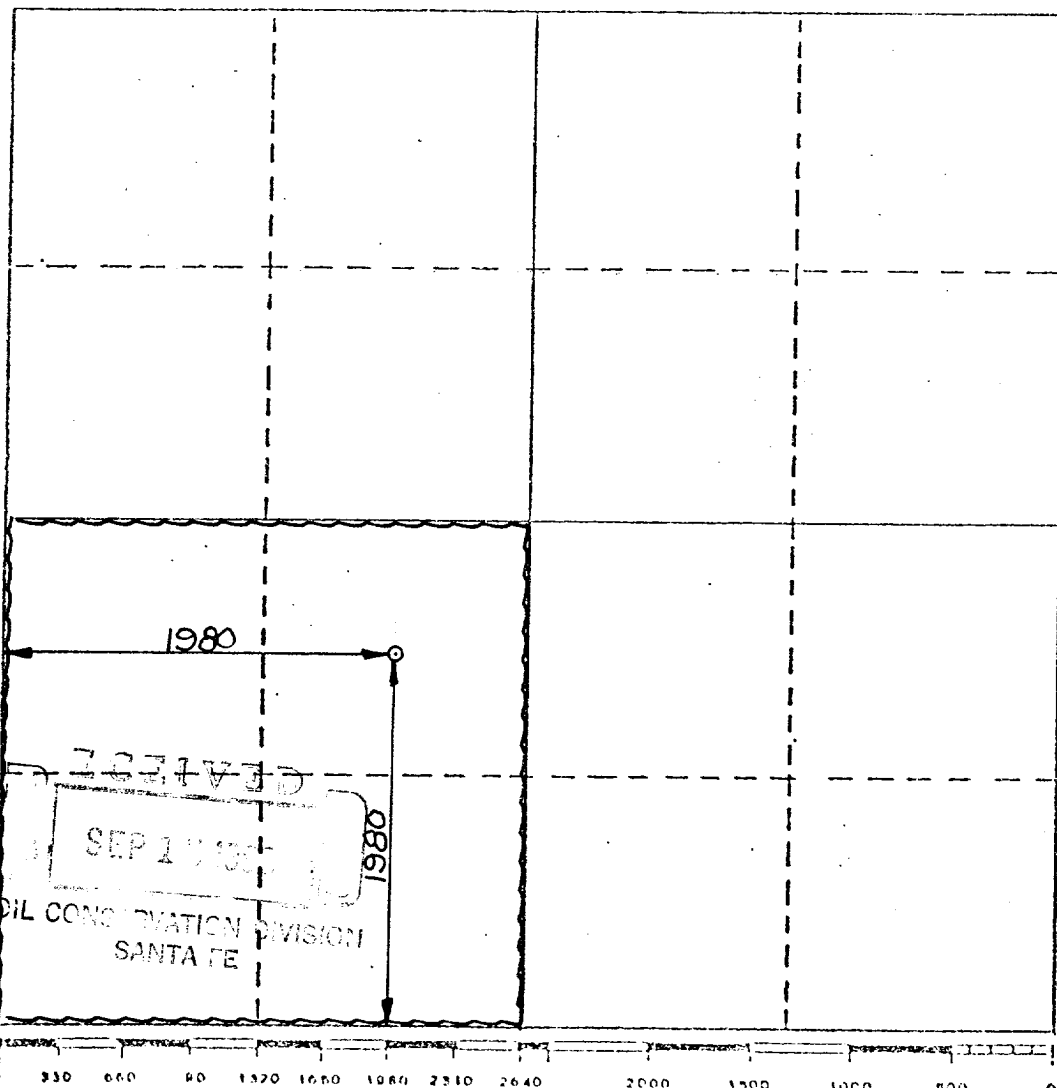
Operator AMOCO		Lease HUTCHERSON		Well No. 5
Unit Letter K	Section 2	Township T 19 N	Range R 34 E	County UNION
Actual Footage Location of Well: 1980 feet from the SOUTH line and 1980 feet from the WEST line				
Ground Level Elev. 4786	Producing Formation Tubb	Pool Und. Tubb	Dedicated Acreage: 160 Acres	

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 Bob Davis
Position Administrative Analyst
Company Amoco Production Company
Date 9-12-80

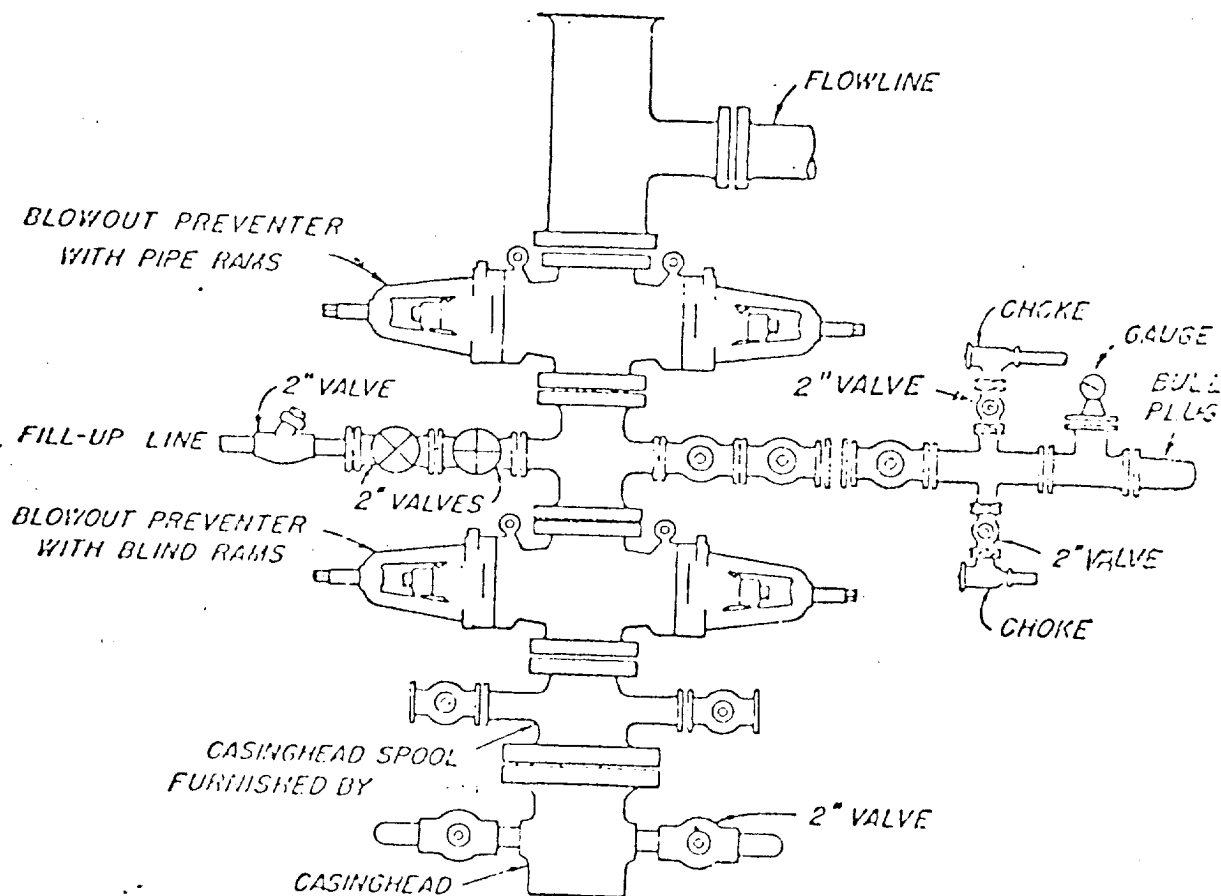
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

AUGUST 29 1980
Date Surveyed
[Signature]
Registered Professional Engineer
and/or Land Surveyor
NMLS NO. 5103
Certificate No. E. SHIEL

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:	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 PRODUCTION COMPANY

EXHIBIT D-1 MODIFIED

JUNE 1, 1962