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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>
5. State Oil & Gas Lease No.	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>		8. Farm or Lease Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		State "B"	
2. Name of Operator Tenneco Oil Company		9. Well No. 2	
3. Address of Operator 1860 Lincoln St., Suite 1200, Denver, Colorado 80295		10. Field and Pool, or Wildcat Kemnitz Cisco	
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 21 TWP. 16S RGE. 34E NMPM		12. County Lea	
19. Proposed Depth PBTD 10,882'		19A. Formation Kemnitz Lower Wolfcamp	
20. Rotary or C.T. Plug Back		21. Elevations (Show whether DF, RT, etc.) 4114'	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor To be assigned	
22. Approx. Date Work will start April 18, 1977			

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/4"	13-3/8"	48#	337'	400	Surface
11"	8-5/8"	24#-32#	4541'	2200	
7-7/8"	5-1/2"	17#-20#	11594'	490	

History = Old well spudded 8-13-57. Casing run as listed. Perforated 175 holes from 11,180'-11,215' into the Cisco formation. This well has not produced economically for sometime. We propose to plug back this well and make a new completion into the Lower Wolfcamp zone as listed below. The name of this well will change to the Kemnitz Wolfcamp Unit #31 upon completion into the Lower Wolfcamp zone.

1. MIRU, install BOP's and pull tbq and pkr.
2. Run junk basket to, 10,900'
3. Set CIBP @ + 10,900' and dump 2 sacks of cement on top CIBP w/dump bailer.
4. Perforate 2 JSPF from 10742'-10744' and 10,750'-10762'.
5. Run treating pkr and tbq to 10,600'
6. Circulate down 2000 gals of 15% NE acid.
7. Set treating packer at 10,600'
8. Stimulate Lower Wolfcamp w/25000 gals. of gelled acid.
9. POH and run production tbq and pkr
10. Place well on production & Test.
11. Clean location of all debris.

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 A. R. Myers Title Div. Production Manager Date 4-1-77

(This space for State Use)

Orig. Signed By
Jerry Sexton
Dist. 1, Supv.

APPROVED BY D TITLE DATE APR 7 1977

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 17 1977

U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION