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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. K-5274	

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Firm or Lease Name Cabot State	
2. Name of Operator OLEN F. FEATHERSTONE		9. Well No. 1	
3. Address of Operator 236 Petroleum Building, Roswell, New Mexico 88201		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER C LOCATED 660 FEET FROM THE North LINE AND 1980 FEET FROM THE West LINE OF SEC. 29 TWP. 15 S. RGE. 32 E. NMPM		12. County Lea	
19. Proposed Depth 10,700'		19A. Formation Pennsylvania	
20. Rotary or C.T. Rotary		21. Elevations (Show whether DF, RT, etc.) 4326' Gr.	
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor WEK Drilling Co.	
22. Approx. Date Work will start 12-20-68			

23.

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	12-3/4"	38#	400'	Circulate	
11"	8-5/8"	24# & 32#	4100'	400	2500'
7-7/8"	5-1/2"	17# & 20#	10700'	200	9800'

Propose to drill 15" hole from surface to 400', set 12-3/4" surface casing and circulate cement. Then drill 11" hole to approximately 4100', set 8-5/8" intermediate casing and cement with 400 sacks of cement. A 7-7/8" hole will then be drilled to approximately 10,700' to test the Upper Pennsylvanian. Porosity zones of interest will be drill stem tested.

Logs will be run and depending upon results of logs and drill stem tests' the well will either be plugged and abandoned or completed as a producer.

In the event the well is to be completed as a producer 5-1/2" production casing will be run and cemented with 200 sacks. Productive zones will be perforated and treated as necessary.

APPROVAL VALID

FOR 90 DAYS UNLESS  
DRILLING COMMENCED

24 HOURS PRIOR TO RUNNING 12 3/4"

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 Charles W. Hicks Title General Manager Date Dec. 16, 1968

(This space for State Use)

APPROVED BY John W. Runyan TITLE Geologist DATE Dec 16 1968

CONDITIONS OF APPROVAL, IF ANY: