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NEW MEXICO OIL CONSERVATION COMMISSION

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SEP 18 1976

O. C. C.

ARTERIA OFFICE

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

30-015-21918

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. <b>K-6361</b>
7. Unit Agreement Name --
8. Farm or Lease Name <b>Skelly-State</b>
9. Well No. <b>1-Y</b>
10. Field and Pool, or Wildcat <b>Und. Daugherity SA</b>
12. County <b>Eddy</b>
19. Proposed Depth <b>2,000'</b>
19A. Formation <b>San Andres</b>
20. Rotary or C.T. <b>C.T.</b>
21. Elevations (Show whether DF, RT, etc.) <b>3,397 GR.</b>
21A. Kind & Status Plug. Bond <b>One Well</b>
21B. Drilling Contractor <b>LO Drilling Co.</b>
22. Approx. Date Work will start <b>Sept. 18, 1976</b>

1a. Type of Work b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> 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 <b>Carl Engwall</b>	3. Address of Operator <b>P. O. Box 1782, Roswell, New Mexico 88201</b>	4. Location of Well UNIT LETTER <b>C</b> LOCATED <b>670</b> FEET FROM THE <b>North</b> LINE AND <b>1650</b> FEET FROM THE <b>West</b> LINE OF SEC. <b>11</b> TWP. <b>17-S</b> RGE. <b>27-E</b> NMPM
23. PROPOSED CASING AND CEMENT PROGRAM			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
18"	16"		100'	Mudded	--
13"	10 3/4"	40.5#	300'	150	Circulated
10"	8 5/8"	24#	1,100'	Mudded	--
8"	4 1/2"	9.5#	2,000'	150	1,000'

1. Drill 18" hole to about 100' ( through upper fresh water gravel ) and mud in 16" casing to prevent caving.
2. Drill 13" hole to about 300' ( through fresh water zones ) and cement 10 3/4" casing with 150 sacks of cement to circulate. WOC 18 hours and test casing.
3. Drill 10" hole to about 1,000" and be prepared to mud in 8 5/8" casing if shut off is necessary.
4. Drill 8" hole to T.D. of about 2,000' and test San Andres. If production is indicated 4 1/2" casing will be run and cemented with 150 sacks of cement. WOC 18 hours and test casing.

Lost Hole #1 @ TD 261 moved 10' south

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 12-18-76

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 Carl Engwall Title Operator Date Sept. 18, 1976  
(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE SEP 18 1976  
CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to  
surface behind 10 3/4" casing

Notify N.M.O.C.C. in sufficient  
time to witness cementing  
the 10 3/4" casing