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**RECEIVED**  
 NEW MEXICO OIL CONSERVATION COMMISSION  
**MAR 27 1979**  
**O. C. C.**  
**ARTESIA, OFFICE**

30-015-22893  
 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-1111	

**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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name	
2. Name of Operator		Lucas Store "KT" ST COM	
3. Address of Operator		9. Well No.	
207 South 4th Street - Artesia, NM 88210		1	
4. Location of Well		10. Field and Pool, or Wildcat	
UNIT LETTER <u>G</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE		Und. <u>Empire Perm.</u> Area)	
AND <u>1980</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>22</u> TWP. <u>17S</u> RGE. <u>28</u> NMPM <u>25E</u>			
		12. County	
		Eddy	
		13. Proposed Depth	
		Approx 10700	
		19A. Formation	
		Morrow	
		20. Rotary or C.T.	
		Rotary	
21. Elevations (Show whether DE, RT, etc.)		21B. Drilling Contractor	
3592' GR		Moranco - Rig 5	
21A. Kind & Status Plug. Bond		22. Approx. Date Work will start	
Blanket		As soon as approved	

**PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17½"	13-3/8"	48#	Approx 475'	400 sx	Circulate
12¼-11"	8-5/8"	24#	" 2100'	1000 sx	Circulate
7-7/8"	5½"-4½"	15.5-17#or 10.5-11.6#	TD	350 sx or 300sx	

We propose to drill and test the Morrow and intermediate formations. Surface casing will be set to the top of salt and intermediate casing will be set at least 50' into the San Andres. Cement circulated on the surface casing and intermediate, or at least into the surface casing. If commercial pay is encountered, will run 5½" or 4½" casing and cement at least 600' of cement cover.

**Mud Program:** SW Gel, LCM to 2100'; F.W to 5700', KCL wtr w/starch & drispak to 9200', KCL-Flosal-Drispak to TD.

**BOP Program:** BOP's on 13-3/8" to 2100' and on 8-5/8" casing to TD, tested for operational, pipe rams tested daily, blinds on ~~bricks~~ bricks and

Acreage not dedicated for gas

FOR 90 DAYS UNLESS  
 DRILLING COMMENCED,

7-2-79

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTION 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 Eddie M. Mahood Title Engineer Date 3-26-79  
 (This space for State Use)

APPROVED BY N. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 3 - 1979  
 CONDITIONS OF APPROVAL, IF ANY: