

NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	/
FILE	/
U.S.G.S.	2
LAND OFFICE	
OPERATOR	/

NEW MEXICO CONSERVATION COMMISSION

JAN 30 1978

O. C. C.

ARTESIA, OFFICE

30-015-22413

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" 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 OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name Siegenthaler "IS" Com	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 2	
3. Address of Operator 207 South 4th Street - Artesia, NM 88210		10. Field and Pool, or Wildcat (Morrow) Und. Kennedy Farms	
4. Location of Well UNIT LETTER K LOCATED 1460 FEET FROM THE South LINE AND 1980 FEET FROM THE West LINE OF SEC. 21 TWP. 17S RGE. 26E NMPM		12. County Eddy	
13. Proposed Depth Approx 8750'		19A. Formation Morrow	
21. Elevations (show whether DT, RL, etc.) 3369' GR		20. Rotary or C.T. Rotary	
21A. Kind & Status Plug, Bond Blanket		22. Approx. Date Work will start As soon as approved	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13-3/8"	48#	Approx 420'	Circulate	
12 1/2"	9-5/8"	32.3#	" 1400'	Circulate	
7-7/8"	5 1/2"	15-17#	" 8750'	250 sx	

Propose to drill to drill to approx 8750' - test the Morrow and intermediate formations. Approx 400' of surface casing will be run and cemented to shut off gravel and cavings, intermediate casing will be run to 100' below the Artesian Water Zone and cemented to surface, if production is encountered 5 1/2" production casing will be run and cemented.

Mud Program: - FW gel and LCM from surface to 1400' (dry drill if unable to circulate); fresh water to 5300'; 2% KCL water to 7900' and Flosal-Drispak to TD.

BOP Program: - BOP's and hydril will be installed on intermediate casing, pipe rams and hydril tested daily for operational, blind rams on trips.

Gas acreage not dedicated

APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PREVIOUS Casing 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 Christine J. Linn Title Geol. Secty Date 1-27-78

(This space for State Use)

APPROVED BY W. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE JAN 31 1978

CONDITIONS OF APPROVAL, IF ANY:

Cement must be circulated to surface behind 13 3/8" & 9 5/8" casing

Notary Public O.C.C. in sufficient time to witness cementing the 9 5/8" casing