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APR 26 1982

O. C. D.
ARTESIA, OFFICE

5A. Indicate Type of Lease
STATE FEE

5. State Oil & Gas Lease No.
LG-335

7. Unit Agreement Name

8. Farm or Lease Name
Springer "TK" State

9. Well No.
2

10. Field and Pool, or Wildcat
Undes. Pecos Slope Abo

12. County
Chaves

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Work
DRILL DEEPEN PLUG BACK

2. Type of Well
OIL WELL GAS WELL OTHER

SINGLE ZONE MULTIPLE ZONE

Name of Operator
Yates Petroleum Corporation

Address of Operator
207 S. 4th, Artesia, New Mexico 88210

Location of Well
UNIT LETTER O LOCATED 660 FEET FROM THE South LINE

1980 FEET FROM THE East LINE OF SEC. 23 TWP. 4S RGE. 24E NMPM



19. Proposed Depth: 4100'
19A. Formation: Abo
20. History or C.T.: Rotary

21. Elevations (Show whether DF, KI, etc.): 4043.6' GL
21A. Kind & Status Plug. Bond: Blanket
21B. Drilling Contractor: L&M #1
22. Approx. Date Work will start: ASAP

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5# J-55	900'	650 sx	circulated
7 7/8"	4 1/2"	9.5#	TD	350 sx	

Posted ID-1
API + RI Book
4-30-82

We propose to drill and test the Abo and intermediate formations. Approximately 900' of surface casing will be set and cement circulated to shut off gravel and caving. If needed (lost circulation) 8 5/8" intermediate casing will be run to 1500' and cemented with enough cement calculated to tie back into the surface casing. If commercial, production casing will be run and cemented with adequate cover, perforated and stimulated as needed for production.

MUD PROGRAM: FW gel and LCM to 900', Brine to 3200', Brine & KCL water to TD.

BOP PROGRAM: BOP's will be installed at the offset and tested daily.

GAS NOT DEDICATED.

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 10-27-82
UNLESS DRILLING UNDERWAY

ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW 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 Ken Beardsley Title Regulatory Coordinator Date 4/26/82

(This space for State Use)

APPROVED BY Mark Walker TITLE OIL AND GAS INSPECTOR DATE APR 27 1982

CONDITIONS OF APPROVAL, IF ANY: