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NEW MEXICO OIL CONSERVATION COMMISSION

DEC 22 1976

O. C. C.
ARTESIA, OFFICE

30-015-22002

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-5115
7. Unit Agreement Name
8. Farm or Lease Name Stonewall "EP" Stat
9. Well No. 2
10. Field and Pool, or Wildcat Undesignated
12. County Eddy

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" 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 Yates Petroleum Corporation ✓	3. Address of Operator 207 South Fourth Street - Artesia, NM 88210	4. Location of Well UNIT LETTER <u>N</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>19</u> TWP. <u>20S</u> RCP. <u>28E</u> NMPM	19. Proposed Depth 11500'	19A. Formation Morrow	20. Rotary or C.T. Rotary
21. Elevations (Show whether D.F., R.L., etc.) 3300' GR	21A. Kind & Status Plug, Bond Blanket	21B. Drilling Contractor Moran Drilling Co.	22. Approx. Date Work will start December 26, 1976			

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#	600'	400	circulate
12½ & 11"	8-5/8"	24#	2900'	1000	circulate
7-7/8"	5½ or 4½"	17.20# or 11.6-13.5#	11500'	300	*

Propose to drill an 11500' well and test the Morrow & intermediate horizons. Approx. 600' of surface casing will be set & cemented to surface. Approx. 2900' of intermediate casing will be set & cemented to surface. Production casing will be 5½" or 4½", and will be cemented with some 600' of cement covering the pay.

Mud Program: FW Gel & LCM to 600', fresh water & LCM to 8500'. Brine to 10700'. Flosal-driskpak-Brine mud to TD.

BOP Program: BOP's and hydril will be installed on 8-5/8" casing & tested daily.
Gas not committed.

APPROVAL VALID
FOR 90 DAYS UNLESS
DRAILING COMMENCED

EXPIRES 3-23-77

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT 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 Eddie L. [Signature] Title Engineer Date 12-21-76

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR, DISTRICT II

DATE DEC 23 1976

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.C.C. by sufficient

* top of Wolfcamp

Cement must be circulated to
surface behind 13½" & 8½" casing

time to witness cementing
the 8½" casing