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AUG 30 1982  
O. C. D.  
ARTESIA OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work

Type of Well: DRILL  DEEPEN  PLUG BACK

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 D LOCATED 990' FEET FROM THE North LINE

990' FEET FROM THE West LINE OF SEC. 15 TWP. 18 RGE. 25 NADP

5A. Indicate Type of Lease: STATE  FEDERAL

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name: Tumbleweed "QM" Com

9. Well No.: 1

10. Field and Pool, or Wildcat: Penasco Draw-Morrow

12. County: Eddy

15. Proposed Depth: 8800'	19A. Formation: Morrow	20. Rotary or C.T.: Rotary
Elevations (show whether DE, K, etc.): 3525' GL	21A. Kind & Status Plug. Bond: Blanket	21B. Drilling Contractor: ARD
		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
17 1/2"	13 3/8"	48# J-55	appr. 360'	300 sx	circulated
12 1/4"	8 5/8"	24# J-55	1200'	500 sx	circulated
7 7/8"	4 1/2" or 5 1/2"	9.5# 15.5#	TD	400 sx	

We propose to drill and test the Morrow and intermediate formations. Approximately 360' of surface casing will be set and cement circulated to shut off gravel and caving. Intermediate casing will be set at 100' below the Artesian Water Zone. If commercial, production casing will be run and cemented with adequate cover, perforate, and stimulate for production.

MUD PROGRAM: FW gel and LCM to 1200', Fresh Water to 4100', 2% KCL water to 6300', starch-driskak-KCL to 8200', starch-driskak-KCL to TD.

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

GAS NOT DEDICATED.

APPROVAL VALID FOR 18 DAYS  
PERMIT EXPIRES 3/7/83  
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.

and I hereby certify that the information above is true and complete to the best of my knowledge and belief.

by Cy Cowan Title Regulatory Coordinator Date 8/26/82

(This space for State Use)

APPROVED BY Mike Walker TITLE OIL AND GAS INSPECTOR DATE AUG 31 1982

CONDITIONS OF APPROVAL, IF ANY:

Notify N.M.O.C.C. in sufficient time to witness cementing the casing

882-1-83