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NEW MEXICO OIL CONSERVATION COMMISSION

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JAN 29 1975

30-015-21472 ✓

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. 4-4942	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		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 ARCO "EC" State	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 207 South 4th Street-Artesia, NM 88210		10. Field and Pool, or Wildcat West Atoka Morrow	
4. Location of Well UNIT LETTER <u>B</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>2310</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>36</u> TWP. <u>17S</u> RGE. <u>25E</u> NMPM		12. County Hddy	
19. Proposed Depth Approx 8950		19A. Formation Morrow	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3453' GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Ard Drilling Company	22. Approx. Date Work will start 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"	12¼" or 13-3/8"	30 or 48#	Approx 400'	Circulate	
12¼"	8-5/8"	24#	" 1300'	Circulate	
7-7/8"	4½" or 5½"	9.5 or 11.6 or 15.5 17#	" 8950'	250 sacks	

It is our intention to drill a Morrow Test to approx. 8950'. 13-3/8" or 12¼" casing will be set at approx. 400' and cement circulated, to prevent caving, 8-5/8" intermediate casing will be set 100' below the Artesian water zone and cement circulated. If commercial production is encountered 4½ or 5½" production casing will be run and cemented.

Mud Program: - FW gel & LCM to 1300', water to 6200', Flosal & Drispak from 6200 to Total Depth.

BOP Program: - BOP's will be installed on 8-5/8" casing, pipe rams tested daily and blind rams on trips.

APPROVAL VALID
FOR 90 DAYS UNLESS
PIPE RAMS TESTED
EXP. 4-30-75

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE 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 Eddie M. Insley Title Engineer Date 1-28-75

(This space for State Use)

APPROVED BY W. A. Gussert TITLE SUPERVISOR, DISTRICT II DATE JAN 30 1975

CONDITIONS OF APPROVAL, IF ANY:

Cement to be circulated to surface below 1338' 18 7/8" casing

Notify N.M.O.C.C. in sufficient time to witness cementing of 8 7/8" casing