

30-025-29865

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NEW MEXICO OIL CONSERVATION COMMISSION

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. LH-1910	

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. Farm or Lease Name Airpath AEM State	
2. Name of Operator Yates Petroleum Corporation		9. Well No. 1	
3. Address of Operator 105 South Fourth Street, Artesia, New Mexico 88210		10. Field and Pool, or Wildcat Wildcat	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>8</u> TWP. <u>18S</u> RGE. <u>36E</u> NMPM		12. County Lea	
19. Proposed Depth 12,800'		19A. Formation Devonian	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3838.0 Gr.	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor Undesignated	22. Approx. Date Work will start ASAP

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"	H-40	400	400 sacks	Circulate
12 1/4"	8 5/8"	32 #J-55	3800	1500 sacks	Circulate
7 7/8"	5 1/2"	17 & 20 #N-80	TD	300 sacks	

We propose to drill and test the Devonian and intermediate formations. Approximately 400' of surface casing will be set with cement circulated to shut off gravel and cavings. Intermediate casing will be set to approximately 3800' with cement circulated. If productive, a 5 1/2" production string will be run to TD and cemented with adequate cover.

MUD PROGRAM: Native mud to 400'; SW to 3800'; Cut Brine to 10,000'; Salt Gel/Starch/Drispak to TD.

BOP PROGRAM: BOP's to be installed on intermediate casing and tested daily.

Form C-101 does not require Permit Approval
for this type of drilling.

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 Clifton R. May Title Regulatory Agent Date 2-20-87

(This space for State Use)
Orig. Signed by
Paul Kautz

APPROVED BY Geologist TITLE _____ DATE FEB 23 1987

CONDITIONS OF APPROVAL, IF ANY: