

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
L-4097

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 ☐

7. Unit Agreement Name

8. Farm or Lease Name
Pronghorn Unit

3. Name of Operator
Yates Petroleum Corporation

9. Well No. 2

4. Address of Operator
207 South 4th St., Artesia, NM 88210

10. Field and Pool, or Wildcat
Wildcat

6. Location of Well
UNIT LETTER H LOCATED 1980 FEET FROM THE North LINE
660 FEET FROM THE 30 LINE OF SEC. 22S TWP. 33E RGE. NMPM

11. County
Lea

12. Proposed Depth
13. Formation
Delaware
14. Rotary or C.T.
Pulling Unit

15. Elevations (Show whether DE, RT, etc.)
3674' GR
21A. Kind & Status Plug. Bond
Blanket
21B. Drilling Contractor
22. Approx. Date Work will start

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"	54.5#	711'	750	
12-1/4"	*10-3/4"	51 & 40.5#	4848'	2050	
9-1/2"	*7-5/8"	39 & 33.7#	12150'	1105	
	*In place.				

Well is presently completed in Bone Springs perforations 10563-10620 and is non-commercial. Casing is 7-5/8" 33.7# and 39# N-80 set at 12150' w/top of cement at about 7750'. Propose to set CIBP at about 10500 w/2 sack cement on top of plug, to free-point, cut and pull 7-5/8" casing for salvage, to set a 50 sack plug across the 7-5/8" stub and a 100 sack plug at about 5350' to plugback well to about 5200', run 5-1/2" 17# J-55 casing and cement back into the surface casing, perforate and stimulate the Delaware Sand at 4950-5044'.

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.

W. Antonio Doestott Title Production Supervisor Date 2-7-84

(This space for State Use)
Eddie W. Seay

PROVED BY Oil & Gas Inspector TITLE DATE FEB 10 1984

ADDITIONS OF APPROVAL, IF ANY: