

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

# 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.	
LG-1208	

## 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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		Antelope Ridge	
2. Name of Operator		8. Farm or Lease Name	
Natomas North America, Inc.		State "23"	
3. Address of Operator		9. Well No.	
1004 Gihls Tower West, Midland, Texas 79701		2	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1980</u> FEET FROM THE <u>West</u> LINE AND <u>1980</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>23</u> TWP. <u>23S</u> RGE. <u>34E</u> NMPM		10. Field and Subunit Name Antelope Ridge Field Development (V.D.)	
		12. County Lea	
		19. Proposed Depth 13,900'	
		19A. Formation Atoka-Morrow	
		20. Rotary or C.T. Rotary	
21. Elevations (Show whether DF, RT, etc.) 3389.1		21A. Kind & Status Plug. Bond Blanket on File	
		21B. Drilling Contractor Parker Drilg. Co.	
		22. Approx. Date Work will start June 1, 1979	

## PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
26"	20"	94#	750'	1000 sx	Circulate to surf
17-1/2"	13-3/8"	61# & 68#	5200'	1400 sx (1)	Circulate to surf
12-1/4"	9-5/8"	43.5# & 47#	11,750	600 sx	9700'
8-1/2"	7" Liner	35#	11,400 to 13,900	350 sx	11,400'

(1) Cement in two stages to surface with 1400 sacks.

Natomas proposes to drill the No. 2 State "23" to a depth of 13,900'

BOP Program: 10,000 lb Cameron Iron Works, Type "U", double & single and 5000 lb. hydril.

Dual gas well completion is anticipated in the Atoka and Morrow formations.

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 Jack Goodwin Title Division Manager Date May 15, 1979  
(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE MAY 16 1979  
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

MAY 15 1979

CHL COUNCIL