

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

30-025-31134  
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 <input checked="" type="checkbox"/> PER <input type="checkbox"/>
5. State Oil & Gas Lease No.
V-1618

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"/>		8. Farm or Lease Name Ganso State	
c. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		9. Well No. 3	
2. Name of Operator Strata Production Company		10. Field and Pool, or Wildcat Hat Mesa, Dela.	
3. Address of Operator 648 Petroleum Building, Roswell, N.M. 88201		12. County Lea	
4. Location of Well UNIT LETTER <u>P</u> LOCATED <u>660</u> FEET FROM THE <u>South</u> LINE AND <u>760</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>32</u> TWP. <u>20S</u> RGE. <u>33E</u> NMPM		19. Proposed Depth 7100	
21. Elevations (Show whether DE, RT, etc.) 3645 gl		19A. Formation Delaware	
21A. Kind & Status Plug. Bond Statewide		20. Rotary or C.T. Rotary	
21B. Drilling Contractor WEK		22. Approx. Date Work will start 1/20/91	

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12 1/4"	8 5/8"	24#	1300'	Circulate	Surface
7 7/8"	5 1/2"	15, 5 & 17#	7100'	Circulate	Surface

We propose to drill a 12 1/4" hole to 1300' and set 8 5/8" casing. 8 5/8" casing will be cemented with enough cement to circulate to surface.

We then propose to drill a 7 7/8" hole to 7100' and log with CNL-FDC and DLL-MSFL GR logs. If the well is dry it will be plugged pursuant to NMOCD rules and regulations. If the well is completed as a producer 5 1/2" casing will be run and cemented with enough cement to circulate to surface.

The hole from the surface to 1300' will be drilled with native mud. The hole from 1300' to TD will be drilled with a brine system with Salt gel and starch to maintain adequate viscosity and water loss.

See attached B.O.P. diagram

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 James B. McCall Title Vice President Date 1/4/91

(This space for State Use)  
CLERK OF COURTS  
JAN 11 1991

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

See Revised C-101 for  
change of location

Permit Expires 6 Months From Approval  
Date Unless Drilling Underway.