

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

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

Form C-101
Revised 1-1-65

JAN 12 1982

O. C. D.

ARTESIA, OFFICE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. Name of Operator

Read & Stevens, Inc.

3. Address of Operator

P.O. Box 1518, Roswell, NM 88201

4. Location of Well

UNIT LETTER I LOCATED 1980 FEET FROM THE South LINE

AND 990 FEET FROM THE East LINE OF SEC. 24 TWP. 23S RGE. 27E NMPM

5A. Indicate Type of Lease

STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

-

7. Unit Agreement Name

-

8. Farm or Lease Name

Cass Draw

9. Well No.

1

10. Field and Pool, or Wildcat

Und. North Loving Mor.

12. County

Eddy

18. Proposed Depth

12,900'

19A. Formation

Morrow

20. History or C.T.

Both

21. Elevations (Show whether DF, RT, etc.)

3087.4' GL

21A. Kind & Status Plug. Bond

Statewide

21B. Drilling Contractor

Litton & Sierra Drllg

22. Approx. Date Work will start

January 19, 1982

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
20"	16"	75#	400'	500	circ.
14"	10 3/4"	45.5#	3000'	1350	circ.
9 7/8"	7 5/8"	39# & 29.7#	9600'	850	5500'
6 1/2"	5"	23.3#	12,900'	375	9400'

We propose to drill & test the Morrow sand formation at approximately 12,600'. Approximately 400' of the 16" surface casing will be set to protect fresh water sands. Cement will be circulated. If the well is commercial, a 5" production liner will be set from 9400'-12,900' & circulate with cement.

Litton Cable Tool: 0-400'

Sierra Drilling Rig #3 - Mud Program: 400'-3000' brine water w/gel, mud 10.2#, vis 33-36, WL no control.
3000'-9600' brine water w/gel, mud 9.2#, vis 34-36, WL no control.
9600'-12,900' saturated brine polymer mud, mud 11-12#, vis 38-40, FL 10 ML.

BOP Program: 0-9600' Hydril 11" 5000psi, double ram BOP w/type 80 Koomey accumulator unit, 300psi WP. 9600'-12,900' TIW 7 1/16" 10,000psi Type U BOP & 7 1/16" 10,000psi GK hydril.

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 Bernie Stobbs Title Drilling & Production Mgr Date 1-12-82

(This space for State Use)

APPROVED BY Mike Williams TITLE OIL AND GAS INSPECTOR DATE JAN 15 1982

CONDITIONS OF APPROVAL, IF ANY: