

30-025-28377

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

Form C-101  
Revised 1-1-65

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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 N  
V-681

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 ☐

7. Unit Agreement Name

8. Farm or Lease Name  
Emerald State

2. Name of Operator  
Read & Stevens, Inc.

9. Well No.  
1

3. Address of Operator  
P.O. Box 1518, Roswell, NM 88201

10. Field and Pool or Wildcat  
Wildcat Emerald

4. Location of Well  
UNIT LETTER K LOCATED 1650 FEET FROM THE South LINE

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

AND 2310 FEET FROM THE West LINE OF SEC. 15 TWP. 17S RGE. 36E NMPM

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

12. County  
Lea

XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX

19. Proposed Depth  
10,000'

19A. Formation  
ABO

20. Rotary or C.T.  
Rotary

21. Elevations (Show whether DF, RT, etc.)  
3848.2' GR

21A. Kind & Status Plug Bond  
Statewide

21B. Drilling Contractor  
Sierra Drilg. Co. Rig #3

22. Approx. Date Work will start  
Sept 10, 1983

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"	54#	350'	400sx	Circ.
11"	8 5/8"	24#+32#	1500'	4500sx	Circ.
7 7/8"	5 1/2"	17#	10,000'	600sx	7000'

We propose to drill and test the ABO formation @ approximately 9500'. Approximately 350' of 13 3/8" surface casing will be set with cement circulated to protect the fresh water strata. If the well is commercial 5 1/2" casing will be set and cemented with cement back at least 500' above the top producing zone.

Mud Program: 0'-350' Spud mud w/gel/lime mud, 9.0#, vis 34-36, no control.  
350'-4200' Brine water w/d, 10.2#, vis 33-36, no control.  
4200'-10,000' Brine water, 9.5#/gal, vis 30-35 @ 7000'.  
Drop WL to 1000.

APPROVAL VALID FOR 180 DAYS  
PERMIT EXPIRES 3/10/84  
UNLESS DRILLING UNDERWAY

BOP Program: Hydrill 11" 3,000gal. Double ram BOP w/type 80 Koomey Accumulator Unit.

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 Bruce Stoller TITLE Drilling & Production Manager DATE Sept 1, 1983

(This space for State of New Mexico)  
ORIGINAL SIGNED BY JERRY SEXTON  
DISTRICT 1 SUPERVISOR

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

CONDITIONS OF APPROVAL, IF ANY:

SEP 6 1983

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-4-65

All distances must be from the outer boundaries of the Section.

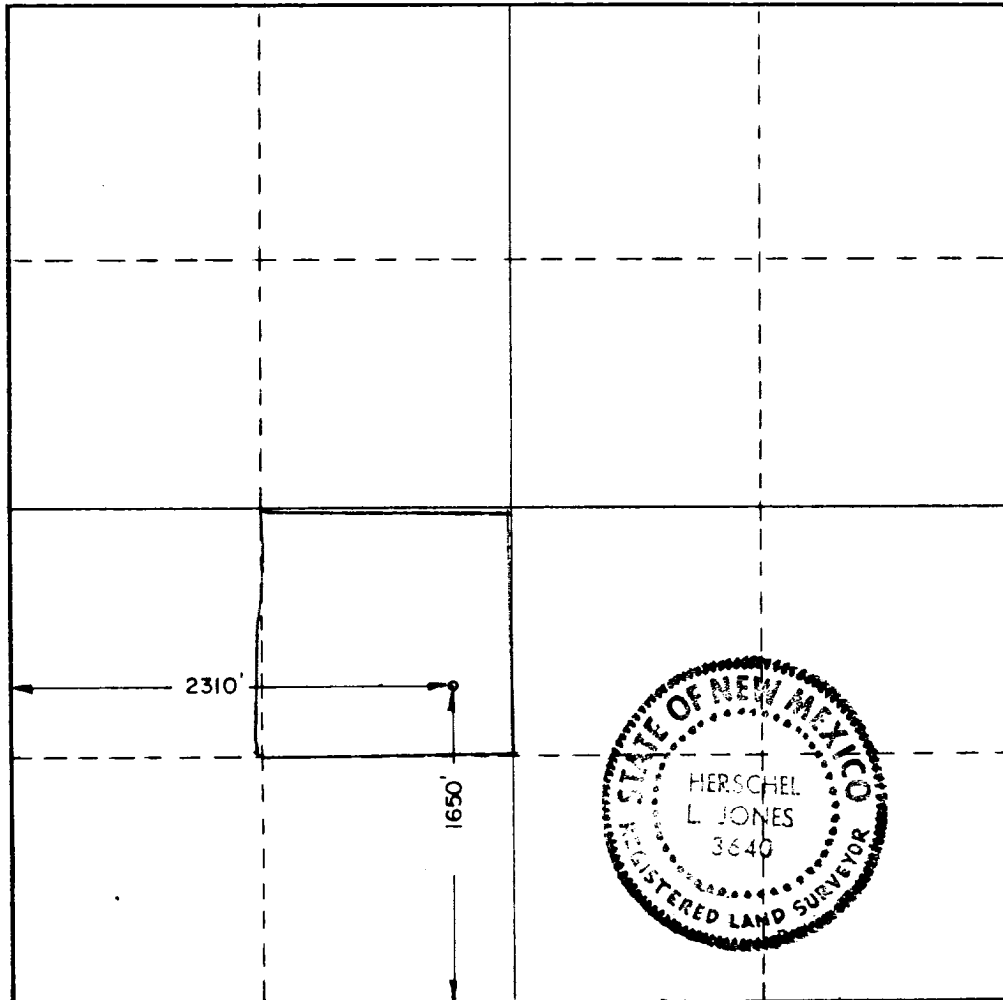
Operator <b>READ &amp; STEVENS INC.</b>			Lease <b>EMERALD</b>		Well No. <b>1</b>
Unit Letter <b>K</b>	Section <b>15</b>	Township <b>17 South</b>	Range <b>36 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>2310</b> feet from the <b>West</b> line and <b>1650</b> feet from the <b>South</b> line					
Ground Level Elev. <b>3848.2</b>	Producing Formation <b>Abo</b>	Pool <b>Wildcat Emerald Rio</b>	Dedicated Acreage: <b>40</b> Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Karla LeJeune*  
Name

Karla LeJeune  
Position

Authorized Agent

Company

Read & Stevens, Inc.

Date

Sept. 1, 1983

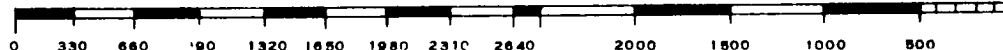
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

8/16/83

Registered Professional Engineer  
and/or Land Surveyor

*Herschel L. Jones*  
Certificate No. 3640



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SEP 5 1933  
O.C.D.  
HOBBS OFFICE