

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-048-26534

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  
 William C. Russell

3. ADDRESS OF OPERATOR  
 745 Fifth Avenue, New York, NY 10022

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface 1840' FNL & 990' FEL  
 At proposed prod. zone same

5. LEASE DESIGNATION AND SERIAL NO.  
 NM 09867-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
 Lunt

9. WELL NO.  
 #62-R

10. FIELD AND POOL, OR WILDCAT  
 Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 18, T30N, R13W

12. COUNTY OR PARISH  
 San Juan

13. STATE  
 NM

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MAY 28 1985

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR VILLAGE TO PROPOSED WELL  
 BUREAU OF LAND MANAGEMENT  
 WASHINGTON RESOURCE AREA

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
 2396

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 320

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH  
 6650'

20. ROTARY OR CABLE TOOLS  
 Rotary 0-TD

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5662' G.L. This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

22. APPROX. DATE WORK WILL START\*  
 ASAP

DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED "GENERAL REQUIREMENTS"

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH |   |
|--------------|----------------|-----------------|---------------|---|
| 12 1/4"      | 8-5/8"         | 23#             | 200           | 118 ft <sup>3</sup> circ. to surface    |
| 7-7/8"       | 4 1/2"         | 10.5#           | 6650          | 1761 ft <sup>3</sup> to cover Fruitland |

Will drill 12 1/4" hole to 200' and set 200 feet 8-5/8", 23#/ft J-55 used casing and cement with 118 ft<sup>3</sup> Class B cement w/2% CaCl<sub>2</sub>. Cement will be circulated to surface. Will drill to 6650' and log well. If well appears productive, will run 6650' 4 1/2" 10.5#/ft J-55 new casing with cement stage collar @ 4550'. Will cement long string as follows: 1st stage: 413 ft<sup>3</sup> Class B, 2nd: 1348 ft<sup>3</sup> Class B w/2% D-79 extender to cover the Fruitland formation. Will perforate and stimulate well as required. No abnormal pressures or temperatures are anticipated. Circulation medium will be clear water, natural mud, and water loss additives. Blowout preventer schematic is attached. The gas from this formation is dedicated.

ESTIMATED TOPS:

|                     |                       |
|---------------------|-----------------------|
| Kirtland - Surface  | Point Lookout - 4233' |
| Fruitland - 1550'   | Gallup - 5557'        |
| Pic. Cliffs - 1829' | Greenhorn - 6323'     |
| Cliffhouse - 3435'  | Dakota - 6435'        |

APPROVED  
AS AMENDED  
SEP 06 1985  
/s/ J. Stan McKee  
M. MILLENBACH  
AREA MANAGER

19. ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed well, and estimate zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Kevin H. McCord TITLE Petroleum Engineer/ Agent DATE May 28, 1985

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SEP 11 1985  
OIL CON. DIV. 1  
DIST. 3

(This space for Federal or State official use)  
 PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

NOTE: Please return all approved reports, correspondence, etc. to Kevin McCord, Agent for Russell, P.O. Box 2406

NMOCC  
\*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-85

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

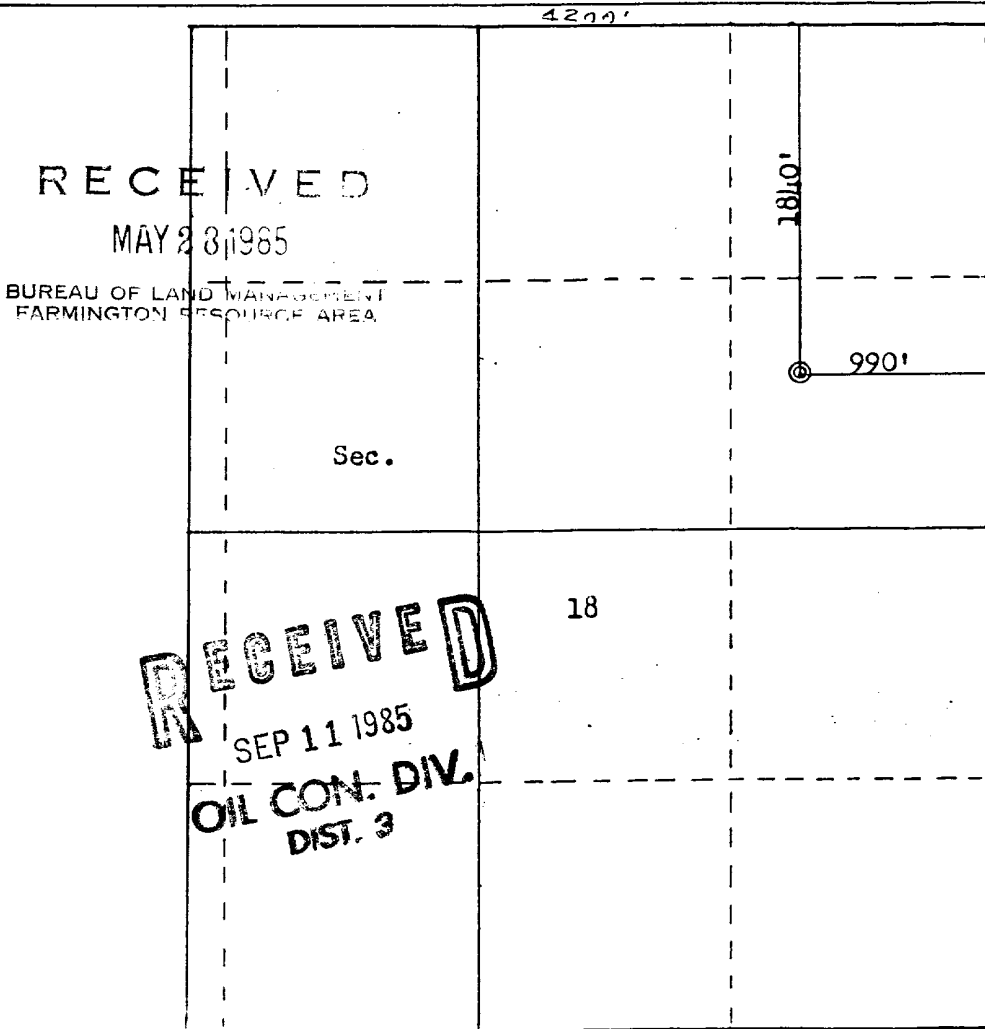
|   |                                      |                        |                             |                           |  |
|---|--------------------------------------|------------------------|-----------------------------|---------------------------|--|
| Operator<br><b>WILLIAM C. RUSSELL</b>   |                                      | Lease<br><b>LUNT</b>   |                             |                           | Well No.<br><b>62R</b>                 |
| Unit Letter<br><b>H</b>   | Section<br><b>18</b>                 | Township<br><b>30N</b> | Range<br><b>13W</b>         | County<br><b>San Juan</b> |  |
| Actual Footage Location of Well:<br><b>1840</b> feet from the <b>North</b> line and <b>990</b> feet from the <b>East</b> line |                                      |                        |                             |                           |  |
| Ground Level Elev:<br><b>5662</b>   | Producing Formation<br><b>Dakota</b> |                        | Pool<br><b>Basin Dakota</b> |                           | Dedicated Acreage:<br><b>320</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

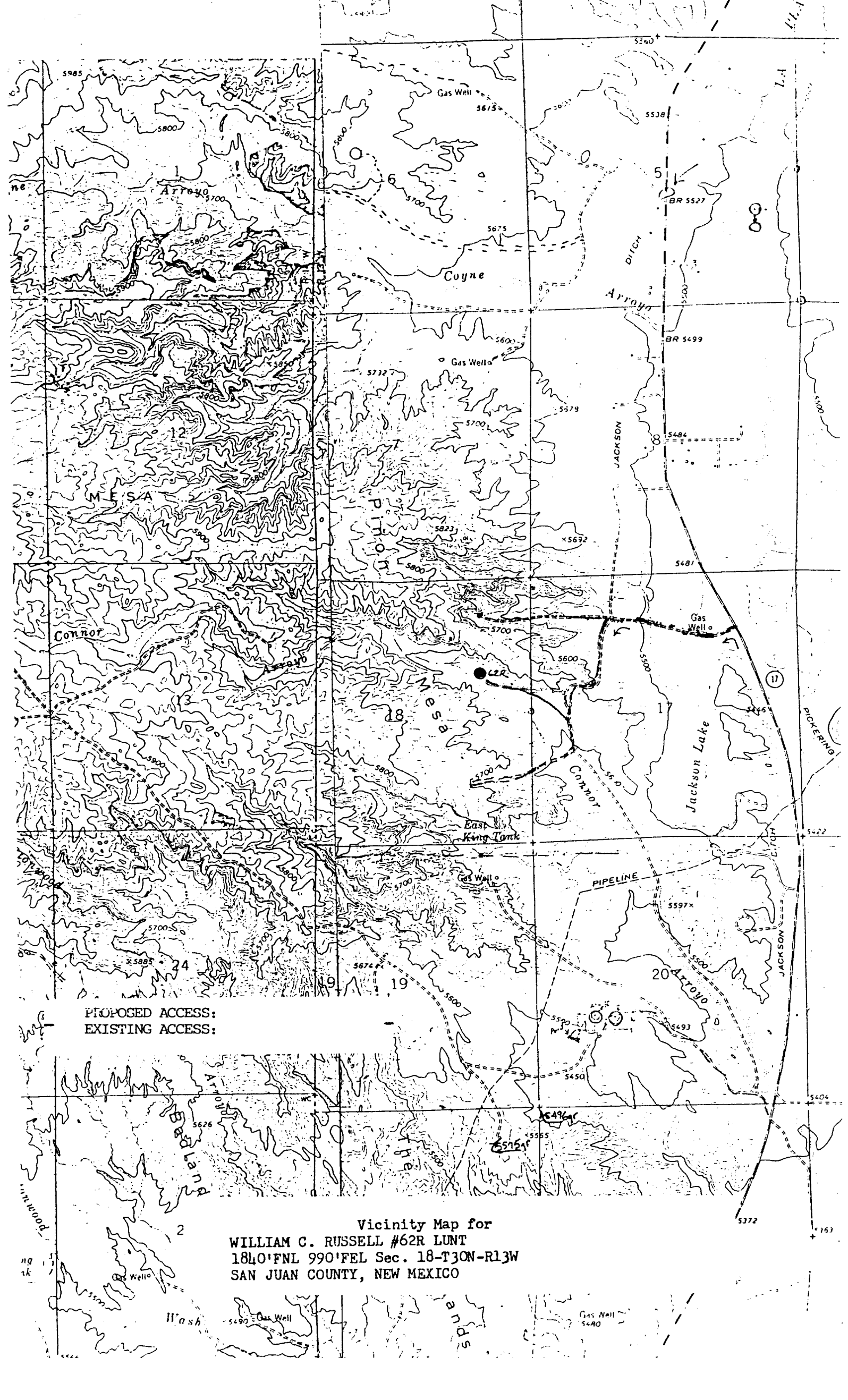
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Kevin H. McCord*

|          |                           |
|----------|---------------------------|
| Name     | <b>Kevin H. McCord</b>    |
| Position | <b>Agent</b>              |
| Company  | <b>William C. Russell</b> |
| Date     | <b>May 28, 1985</b>       |

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                                      | <b>May 16, 1985</b>     |
| Registered Professional Engineer and Land Surveyor | <i>Fred B. Kerr Jr.</i> |
| Certificate No.                                    | <b>1422</b>             |



PROPOSED ACCESS:  
 EXISTING ACCESS:

Vicinity Map for  
 WILLIAM C. RUSSELL #62R LUNT  
 1840'FNL 990'FEL Sec. 18-T30N-R13W  
 SAN JUAN COUNTY, NEW MEXICO