

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

RECEIVED BY

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

MAR 19 1984

O. C. D.  
ARTESIA, OFFICE

30-015-24798

Form approved.  
Budget Bureau No. 42-R1425.

5. LEASE DESIGNATION AND SERIAL NO.

NM 19440

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ritz Federal

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Shugart Y-SR-Q-G

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA

S-35, T-18S, R-30E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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

Ray Westall

3. ADDRESS OF OPERATOR

P.O. Box 4 Loco Hills, NM 88255

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1650 FSL 1980 FSL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

7 miles south of Loco Hills, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

80

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2640'

19. PROPOSED DEPTH

3800'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

3468 GR

22. APPROX. DATE WORK WILL START\*

ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT      |
|--------------|----------------|-----------------|---------------|-------------------------|
| 15"          | 13 3/8"        | 30#             | 300'          | 300 sx <b>CIRCULATE</b> |
| 12 1/2"      | 8 5/8"         | 24#             | App. 2000'    | 1800 sx circulate       |
| 8"           | 5 1/2"         | 10 1/2#         | 3800'         | 600 sx                  |

We propose to drill and test the Grayburg and intermediate formations.

Approximately 300 feet of 13 3/8" surface casing will be set to protect the fresh water. 8 5/8" casing will be set at base of salt and circulated to protect the salt. 5 1/2" production casing will be run, cemented, perforated and sand frac'd for production.

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. 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

Ray Westall

TITLE

Operator

DATE

2-24-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Post. app  
8D-104PDR  
3-16-84APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

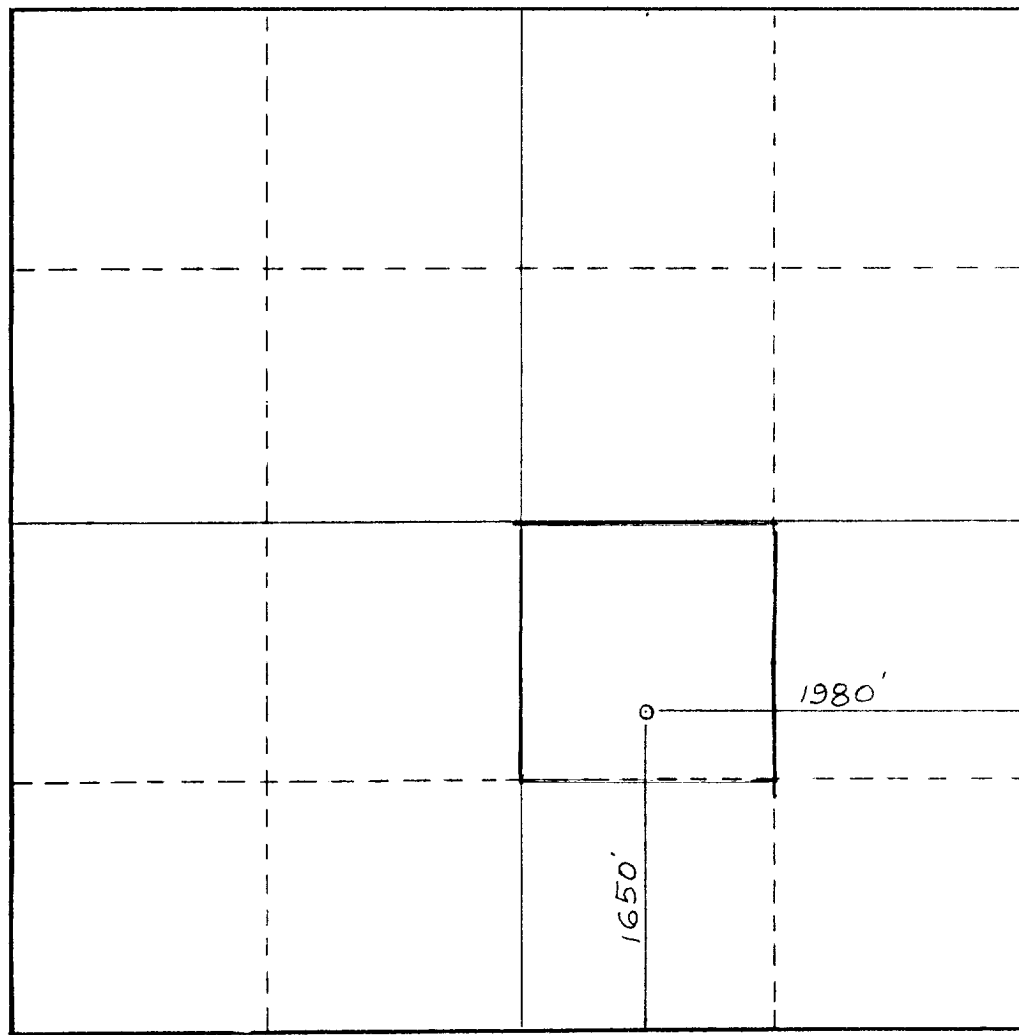
|   |  |  |                                       |                       |
|---|--|--|---------------------------------------|-----------------------|
| Operator<br><b>RAY WESTALL</b>                  |  | Lease<br><b>Ritz Federal</b>               |                                       | Well No.<br><b>2</b>  |
| Unit Letter<br><b>J</b>                         | Section<br><b>35</b>                   | Township<br><b>18 South</b>                | Range<br><b>30 East</b>               | County<br><b>Eddy</b> |
| Actual Footage Location of Well:                |  |  |                                       |                       |
| <b>1650</b> feet from the <b>South</b> line and |  | <b>1980</b> feet from the <b>East</b> line |                                       |                       |
| Ground Level Elev.<br><b>3468</b>               | Producing Formation<br><b>Grayburg</b> | Pool<br><b>Shugart Y-SR-Q-G</b>            | Dedicated Acreage:<br><b>40</b> Acres |                       |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

Name *Ray Westall*  
Position

Operator

Company  
**Ray Westall**

Date  
**2-1-84**

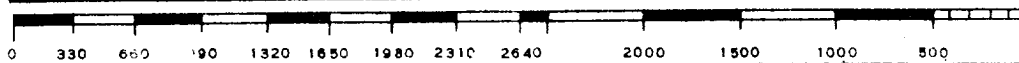
I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

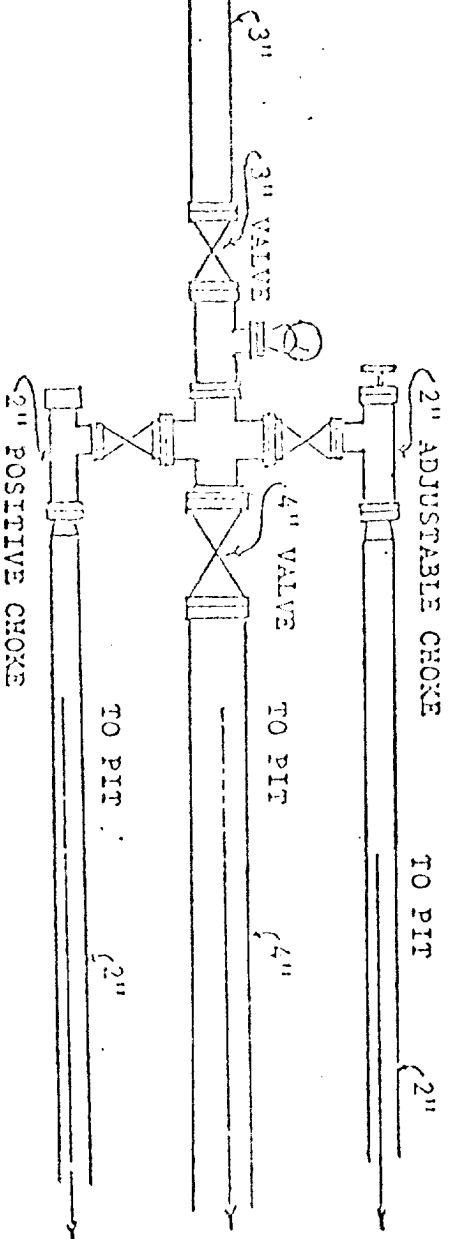
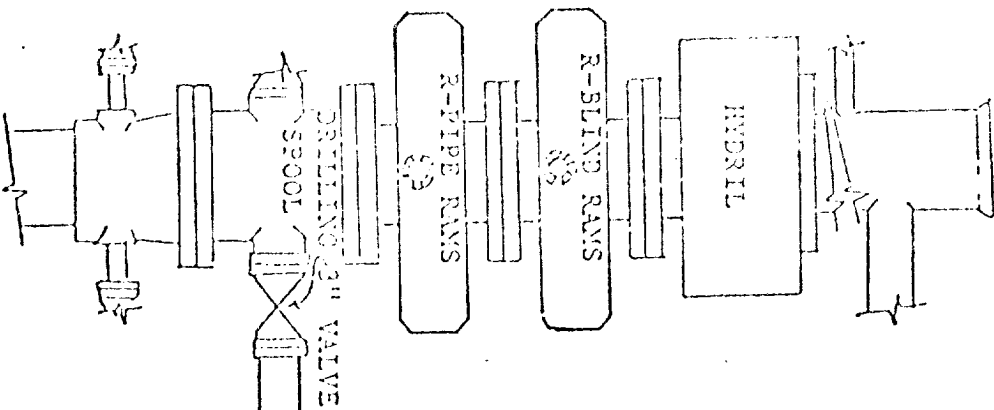
Date Surveyed  
**Jan. 5, 1984**

Registered Professional Engineer and/or Land Surveyor

*Dan R. Reddy*  
Certificate No.

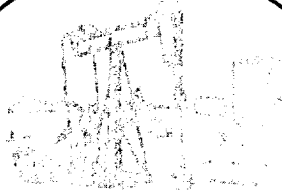
NMPE&LS #5412





BLOW OUT PREVENTION EQUIPMENT  
 10" 900S ALL FLANGED CONNECTIONS  
 3,000# WORKING PRESSURE - 6,000# TEST

# Ray Westall



## APPLICATION FOR DRILLING

Ray Westall  
Ritz Federal #2  
1650 FSL 1980 FEL, Sec. 35, T18S, R30E

In conjunction with Form 9-331C, Application for Permit to Drill subject well, Ray Westall submits the following ten items of pertinent information in accordance with BLM requirements:

1. The Geological surface formation is quaternary.
2. The estimated tops of geologic markers are as follows:

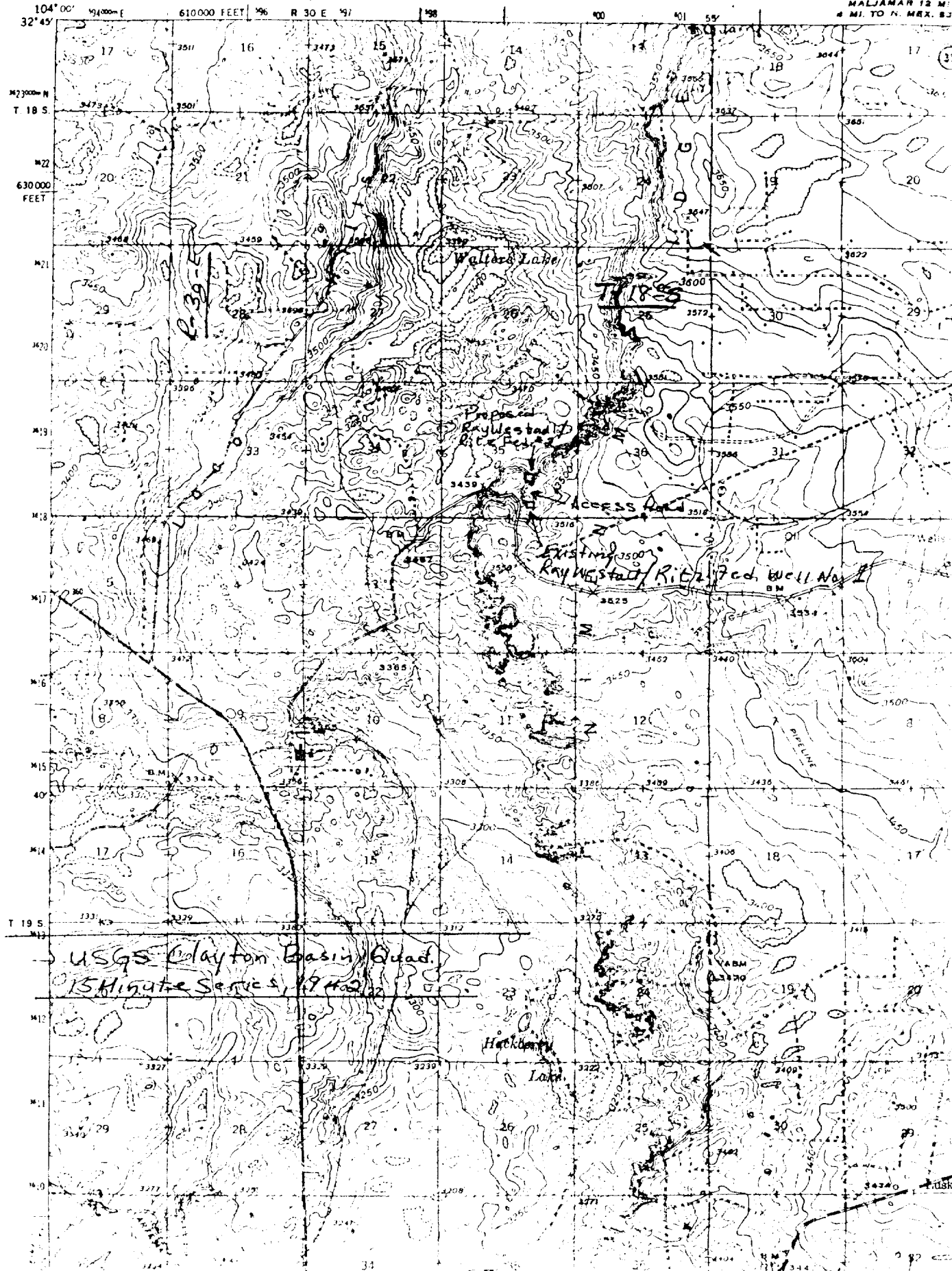
|            |      |
|------------|------|
| Yates      | 2050 |
| 7 Rivers   | 2500 |
| Queen      | 3050 |
| Grayburg   | 3500 |
| San Andres | 3850 |
3. The estimated depths at which anticipated water, oil & gas formations are expected to be encountered:

|       |     |
|-------|-----|
| Water | 180 |
|-------|-----|

Oil & gas zones listed above in item #2.
4. Proposed Casing Program: See 9-331C
5. Pressure Control Equipment: See 9-331C and Exhibit E.
6. Mud Program: Mud up 100 to 150' before TD and circulate 2 hours after TD and pull out laying down and running casing.
7. Auxiliary Equipment: N/A
8. Testing, Logging and Coring Program: (E) logs, CNL/FDC, DLL.
9. No abnormal pressures or temperatures are anticipated.
10. Anticipated Starting Date: As soon as possible.

0140-1 SE  
(RED LAKE SE)  
11-24-000

MALJAMAR 12 MI.  
MI. TO N. MEX. 83





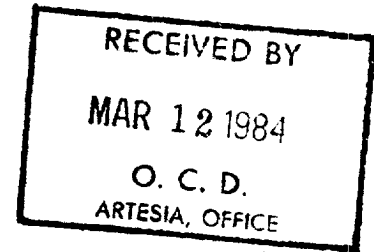
# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

U.S. DEPARTMENT OF THE INTERIOR, WASHINGTON, D.C. 20246

NM-19440

March 7, 1984



Ray Westall  
P.O. Box 4  
Loco Hills, NM 88255

Gentlemen:

Your application for Permit to Drill well No. 2 Ritz in the NW $\frac{1}{4}$ SE $\frac{1}{4}$ , sec. 35, T. 18 S., R. 30 E., Eddy County, New Mexico, lease NM-19440, to a depth of 3,800 feet to test the Grayburg formation in the oil-potash area, is hereby approved as amended by stipulations attached to the application.

One copy of the application is returned herewith. Please notify the Bureau of Land Management office checked on the attached special stipulation, in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

Orig. Sgd. Earl R. Cunningham

District Manager

Enclosure

cc: NMOCD, Artesia (2)

RECEIVED BY  
MAR 12 1984  
O. C. O.  
ARTISTIA, CALIF.

*Journal of Management Studies*, 19(6), 701-718.