

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-015-20159

5. LEASE DESIGNATION AND SERIAL NO.  
NM-28790

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Phillips Federal

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Shugart Y-S209

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec 33, T18S-R31E

12. COUNTY OR PARISH  
Eddy

13. STATE  
NM

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  
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' FNL, 1650' FEL  
At proposed prod. zone  
Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10 miles southeast of Loco Hills NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)  
1650'

16. NO. OF ACRES IN LEASE  
160

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.  
660'

19. PROPOSED DEPTH  
4000

20. ROTARY OR CABLE TOOLS  
Rt

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
3605 Gr.

22. APPROX. DATE WORK WILL START\*  
8/1/89

RECEIVED

JUL 31 '89

O.C.D. ARTESIA OFFICE

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 5/8	8 5/8	24	700	300 SXS Circulated
7 7/8	4 1/2	17	4000	750 SXS see Stips

Fresh Water will be used from surface to 700 feet  
Brine water will be used from 700 to 4000  
A 10" 900s BOP will be installed on the 8 5/8" casing

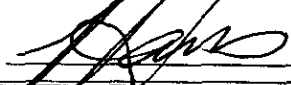
RECEIVED

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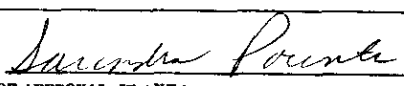
OIL CONSERVATION DIV.  
SANTA FE

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS  
ATTACHED

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  TITLE Geologist DATE 7/10/89

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY  TITLE AREA MANAGER  
CARLSBAD RESOURCE AREA DATE 7/28/89

CONDITIONS OF APPROVAL, IF ANY:

Vertical text on the right side of the form, possibly a file number or reference code.

Submit to Appropriate District Office  
 State Lease - 4 copies  
 Fee Lease - 3 copies

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised 1-1-89

**OIL CONSERVATION DIVISION**  
 P.O. Box 2088  
 Santa Fe, New Mexico 87504-2088

DISTRICT I  
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
 1000 Rio Brazos Rd., Aztec, NM 87410

**WELL LOCATION AND ACREAGE DEDICATION PLAT**  
 All Distances must be from the outer boundaries of the section

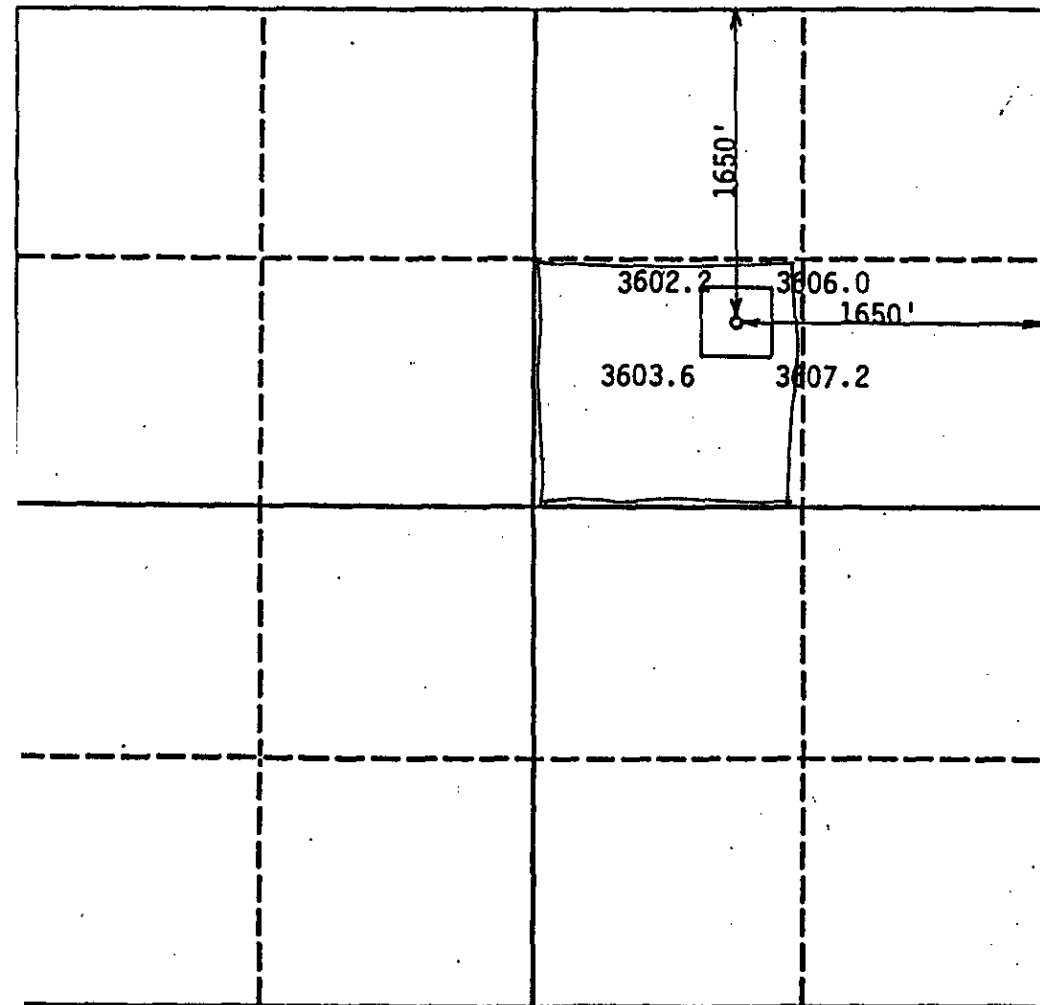
Operator Ray Westall		Lease Phillips Federal		Well No. 1
Unit Letter G	Section 33	Township 18 South	Range 31 East	County Eddy
Actual Footage Location of Well: 1650 feet from the North line and 1650 feet from the East line				
Ground level Elev. 3605	Producing Formation QUEEN/GRAYBURG	Pool SHUGART Y-SR-Q-9	Dedicated Acreage: 40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest 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 interest, has been approved by the Division.



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

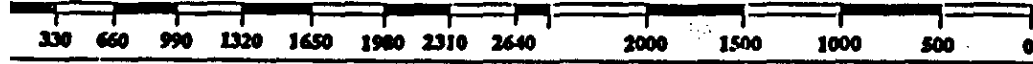
Signature: *[Signature]*  
 Printed Name: RANDALL L. HARRIS

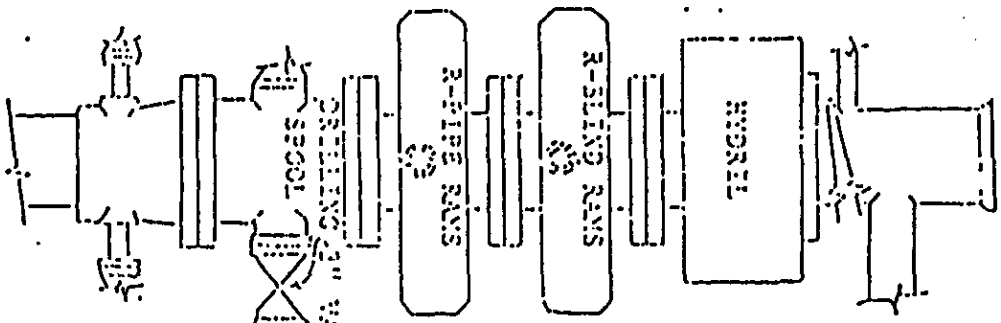
Position: GEOLOGIST  
 Company: RAY WESTALL  
 Date: 6/10/89

**SURVEYOR CERTIFICATION**  
 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.

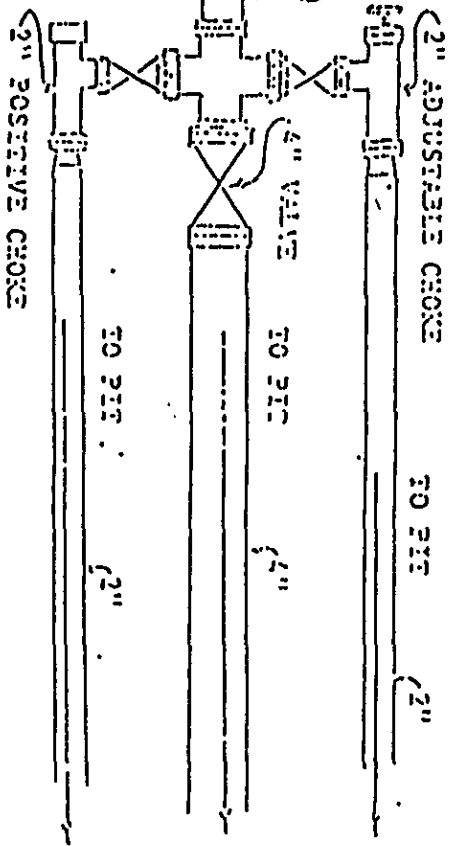
Date Surveyed: June 5, 1989  
 Signature & Seal: *[Signature]*  
 Professional Surveyor: P.R. Patton  
 Certificate No.: 8112

*[Professional Surveyor Seal: NEW MEXICO PROFESSIONAL LAND SURVEYORS]*





SHOW ONE PREVENTION EQUIPMENT  
 20" 900S ALL FLANGED CONNECTIONS  
 3,000# WORKING PRESSURE - 6,000# EST



• ATTACHMENT TO FORM C-101