

V. M. O. C. C. COPY

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

Form approved.  
Budget Bureau No. 42-R1425.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Copy to J. J. C.  
30-005-60220

5. LEASE DESIGNATION AND SERIAL NO.  
**MS-0266944**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Great Western Federal "A"**

9. WELL NO.  
**1**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Sec. 5, T-14-S, R-28-E**

12. COUNTY OR PARISH  
**Chaves**

13. STATE  
**New Mexico**

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  
**Great Western Drilling Company**

3. ADDRESS OF OPERATOR  
**P. O. Box 1659, Midland, Texas 79701**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
**Unit N, 1980' FWL, 660' FSL Section 5, T-14-S, R-28-E**  
 At proposed prod. zone  
**Same**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**10 miles east from Hagerman**

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  
**1750.71**

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.  
**1st well**

19. PROPOSED DEPTH  
**8,700**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**3564.1' GR**

22. APPROX. DATE WORK WILL START\*  
**6-10-72**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	13-3/8"	48#	360'	350 (circulate)
11"	8-5/8"	24#	1,750'	400
7-7/8"	5-1/2"	15.5# & 17#	8,700'	200

**RECEIVED**  
JUN-5 1972  
U. S. GEOLOGICAL SURVEY  
ARTESIA, NEW MEXICO

Objective: **Morrow Formation**

Logging: **Induction - Electric Survey and Gamma Ray-Sonic with calipers from base of intermediate to T.D.**

Mud Program: **Spud mud and native mud to 360'. Fresh water to 1750'. From 1750' to T.D., fresh water gel, weight 9.0 to 9.5#/gal, viscosity 34 to 38.**

Blowout Preventer: **10" Cameron series 900 with blank and pipe rams and remote hydraulic controls. Preventer will be tested once each 24 hours.**

**RECEIVED**

JUN 19 1972

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 *R. Enstrom* TITLE **Chief Engineer** DATE **June 2, 1972**

(This space for Federal or State office use)

JUN 14 1972

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
 APPROVED BY *[Signature]* TITLE **DISTRICT ENGINEER** DATE **JUN 14 1972**

CONDITIONS OF APPROVAL, IF ANY:

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

**Item 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

**Item 2:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

**Items 15 and 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

**Item 22:** Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

NEW MEXICO OIL CONSERVATION COM. SION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

JUN 19 1972  
Form C-102  
Supersedes C-128  
Effective 1-1-65

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

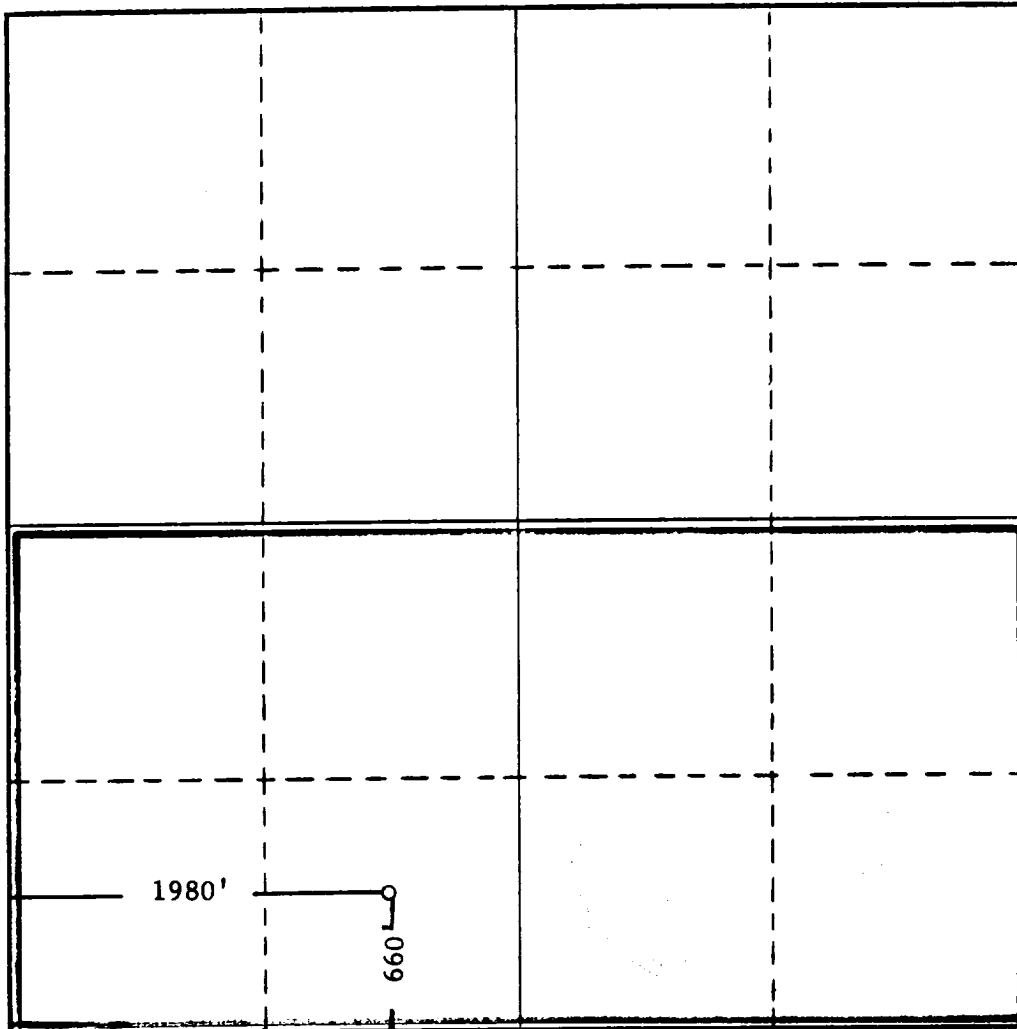
Operator <b>GREAT WESTERN DRILLING CO.</b>		Lease <del>WILDCAT</del> <b>FEDERAL "A"</b>		Well No. <b>ARTESIA, OFFICE 1</b>	
Unit Letter <b>N</b>	Section <b>5</b>	Township <b>14 SOUTH</b>	Range <b>28 EAST</b>	County <b>CHAVES</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>SOUTH</b> line and <b>1980</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>3564.1</b>	Producing Formation <b>MORROW</b>	Pool <b>WILDCAT</b>		Dedicated Acreage: <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.

Name  
**R. J. Comstock by J. W. West**

Position  
**CHIEF ENGINEER**

Company  
**GREAT WESTERN DRILLING CO.**

Date  
**6-2-1972**

**RECEIVED**  
JUN 5 1972  
I hereby certify that the well location shown on this plat was plotted from notes of actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**6-1-1972**

Registered Professional Engineer and/or Land Surveyor

**John W. West**

Certificate No. **676**

