

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

30-045-05868

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ Re-entry

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

2550 La Plata Hwy, Farmington, NM 87401

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

At surface 935' FNL & 975' FEL (new Plat) 1990

990' FNL & 990' FEL (old plat) 1952

At proposed prod. zone Same

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

27 miles Southeast Blanco, New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 935'

16. NO. OF ACRES IN LEASE

2241.92  
640

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N 1/2 320

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

19. PROPOSED DEPTH

6800'

20. ROTARY OR CABLE TOOLS

Rotary

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

6194 GR

This action is subject to technical and  
procedural review pursuant to 43 CFR 3165.3  
and appeal pursuant to 43 CFR 3165.4.

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START\*

9-30-90

23.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
* ?	9-5/8"	?	100
* ?	7"	?	4350
6 1/2"	4 1/2"	10.5	6800

\* GENERAL REQUIREMENTS

Cement to surface (regular)  
150 sx. (regular)  
600 cu. ft. 50/50 posmix, followed  
w/225 cu. ft. class "H" cement

This is a re-entry of J. R. Sharp (Operator) Luthy #5

9-5/8" set @ 100', 7" csg. set @ 4350', cemented w/150 sx.

This well drilled as a Mesa Verde test in 1952, was P & A 1953, we are making this  
our Federal Bond #2-E well, we plan to re-enter, drill out cement plugs, clean out  
to their T.D. 4595', test and repair 7" casing, drill 6 1/2" hole to 6800' + or -,  
if 7" casing test good to 3000# psi, run liner 4000' to T.D., if 7" casing  
indicates non-repairable, perforate 7" casing top of old cement, squeeze cement  
to cover the remainder of Mesa Verde section, perforate 7" casing base of  
Pictured Cliffs formation, squeeze cement to cover Fruitland coal, perforate 7"  
casing at base of Ojo Alamo and circulate cement to surface, run 4 1/2" casing from  
T.D. to surface, circulate cement to surface, complete well in Dakota formation.

\*pipe in place at this time.

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  
prevention program, if any.

24.

SIGNED *D. E. Baxter*

TITLE District Supervisor

DATE August 24, 1990

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

SEP 20 1990

TITLE

OIL CON. DIV.

NMOCD

DIST

\*See Instructions On Reverse Side

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 <b>GREAT WESTERN DRILLING COMPANY</b>		Lease <b>LUTHER Federal BOND A-E</b>		Well No. <b>2E</b>
Unit Letter <b>A</b>	Section <b>13</b>	Township <b>26 N</b>	Range <b>8 W</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>935</b> feet from the <b>North</b> line and <b>975</b> feet from the <b>East</b> line				
Ground level Elev. <b>6194</b>	Producing Formation <b>Dakota Sandstone</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320</b> Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. 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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>				

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