

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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
At proposed prod. zone 990' FNL & 990' FEL (old plat) 1952
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 drlg. unit line, if any) 935'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
6800'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.
6194 GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
* ?	9-5/8"	?	100
* ?	7"	?	4350
6 1/4"	4 1/2" K-55	10.5	6800

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"
Cement to surface (regular)
150 sx. (regular)
600 cu. ft. 50/50 posmix, follow
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 1/4" 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 preventer program, if any.

24. SIGNED D. E. Baxter TITLE District Supervisor DATE August 24, 1990

(This space for Federal or State office use)

90-885

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON COPY

*See Instructions On Reverse Side