

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. 30-005-60086
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME MI-048768
2. NAME OF OPERATOR SOUTHWEST PRODUCTION CORPORATION		7. UNIT AGREEMENT NAME NA
3. ADDRESS OF OPERATOR P. O. Box 936, Roswell, New Mexico 88201		8. FARM OR LEASE NAME Buffalo Valley Com
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1650' FNL & 990' FEL Section 35, T14S-R27E At proposed prod. zone		9. WELL NO. 2
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Eight (8) miles SE of Hagerman, New Mexico		10. FIELD AND POOL, OR WILDCAT Buffalo Valley Penn Gas
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE 160	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.	19. PROPOSED DEPTH 8350'	20. ROTARY OR CABLE TOOLS Rotary
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3515' GR		22. APPROX. DATE WORK WILL START* July 28, 1969

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	13-3/8	48#	300'	Circ.
11"	8-5/8	24 & 32#	2900'	200 ex. *

If productive, this well is intended to be a replacement well for the Southwest Production Corporation #1 Buffalo Valley located 1650' FN & EL of Section 35, T14S-R27E.

Blow Preventer will be used after setting 8-5/8" casing.

RECEIVED

AUG 8 - 1969

O. C. C.
ARTESIA, OFFICE

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

H. Lee Harvard

TITLE Exploration Manager

DATE 7/18/69

(This space for Federal or State office use)

PERMIT NO.

APPROVED
AUG 11 1969
R. L. BEEKMA
ACTING DISTRICT MANAGER

THIS APPROVAL IS RESCINDED IF OPERATIONS
NOT COMMENCED WITHIN 3 MONTHS
NOV 1 - 1969

See Instructions On Reverse Side

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AUG-6-1969
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 4: 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.