

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-035-20002

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 **Wildcat**
 SINGLE ZONE MULTIPLE ZONE
 2. NAME OF OPERATOR
E. J. Dunigan, Jr.
 3. ADDRESS OF OPERATOR
P. O. Box 261, Pampa, Texas 79065
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface **1980' from South line and 590' from East line of Section 31, T. 25 S., R. 19 E., N.M.P.M.**
 At proposed prod. zone
Same
 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Sixteen miles northeast from Dell City, Texas
 15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
990'
 16. NO. OF ACRES IN LEASE
2547.00
 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.
None
 19. **7000'** DEPTH
 20. ROTARY OR CABLE TOOLS
Rotary
 21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3794' Gr.
 22. APPROX. DATE WORK WILL START*
February 15, 1970

5. LEASE DESIGNATION AND SERIAL NO.
NM 10866
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
Federal Alpha Federal
 9. WELL NO.
1
 10. FIELD AND POOL, OR WILDCAT
Wildcat
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 31 T. 25 S., R. 19 E., N.M.P.M.
 12. COUNTY OR PARISH
Otero County
 13. STATE
New Mexico

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	20" Spiral Weld	20#	50'	Ready mix
11"	8 5/8"	24# used	1000' / 1200'	250 sac Circulate

If well is productive we propose to set 5 1/2' casing with sufficient cement to protect the pay zone. If a dry hole we propose to set cement plugs to protect water zones in accordance with instructions from USGS at Artesia.

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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 Berd Dargan TITLE Geologist DATE February 6, 1970

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED

APPROVED BY _____
 CONDITIONS OF APPROVAL, IF ANY:

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.
 EXPIRES MAY 18 1970
 *See Instructions On Reverse Side

CEMENT BEHIND THE CASING MUST BE CIRCULATED

NOTIFY USGS IN SUFFICIENT TIME TO WITNESS CEMENTING THE _____ CASING

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.