

30-015-20701

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

B. TYPE OF WELL
OIL WELL GAS WELL OTHER
SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
ARWOOD LTD.

ADDRESS OF OPERATOR
Box 90, Dal, Texas 77220

3. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface 1790' from north 330' from west
At proposed prod. zone The footage from north Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8 Miles NE Loco Hills

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 330'

16. NO. OF ACRES IN LEASE 320

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. 990'

19. PROPOSED DEPTH 3300'

20. ROTARY OR CABLE TOOL* Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
3851 GR

22. APPROX. DATE WORK WILL START*
7-5-72

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4	8 5/8	24#	300'	100 SX
6 1/4	5 1/2	14#	3300'	200 SX

Propose to drill above well with rotary tools to not more than 3300'. Run casing to TD. Perforate and frac Premier sands. These producing zones are associated with waterflood operation on Loe Federal. The gas on this project is depleted so no blow out preventer will be necessary. At the end of the wells productive life the location will be back filled, leveled and cleaned.

PROPOSED OPERATIONS WILL NOT AFFECT ENVIRONMENT SIGNIFICANTLY

RECEIVED

JUL 17 1972

O. C. C. ARTESIA, OFFICE

RECEIVED JUL 12 1972

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS. EXPIRES 10-12-72

15. SHOW 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.

SIGNED B. H. Hoyle TITLE Supt DATE 7-5-72

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE JUL 12 1972
APPROVED BY [Signature] TITLE DISTRICT ENGINEER DATE JUL 12 1972

CONDITIONS OF APPROVAL, IF ANY:
Originally approved 12-22-71

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NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-61

JUL 17 1972

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

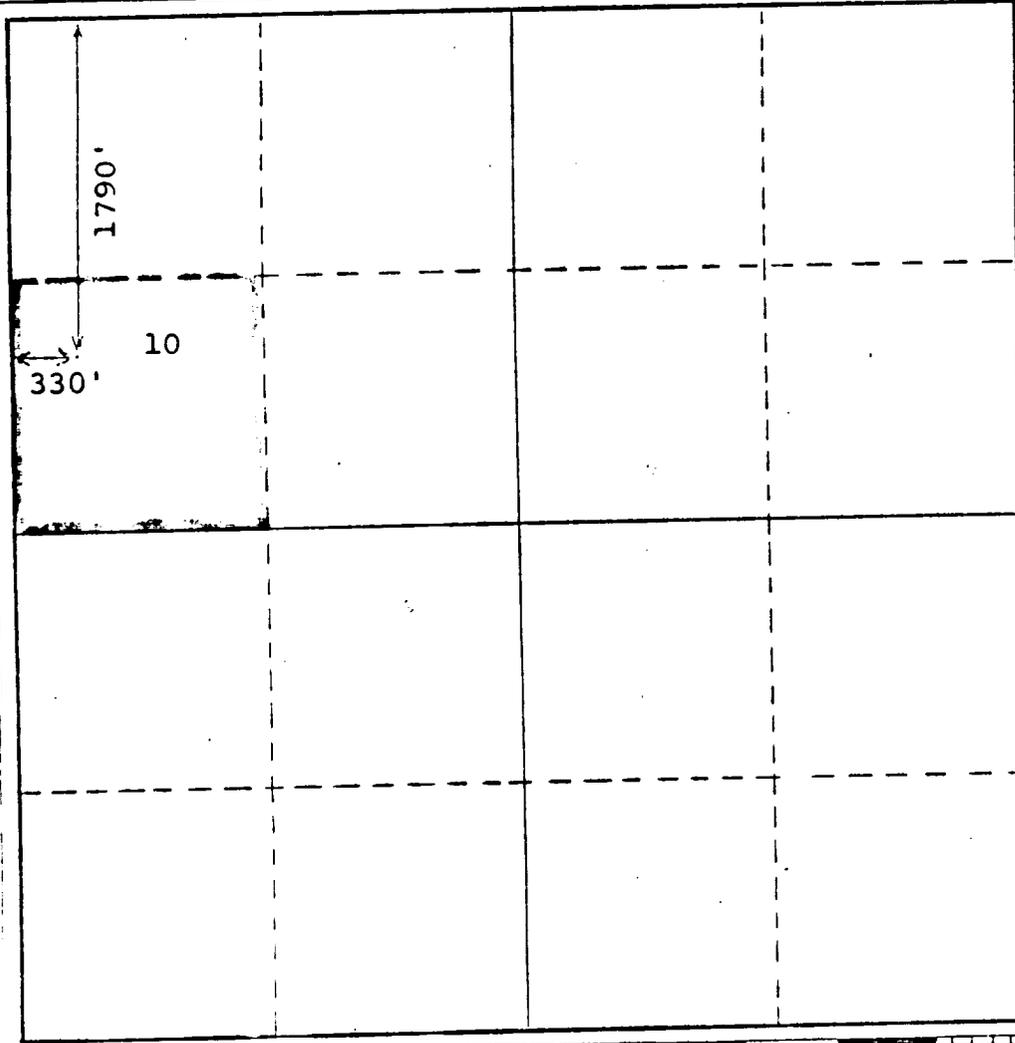
Owner ARWOOD LTD		Lease Loe Federal		Well No. O. C. C. ARTESIA, OFFICEL0	
Section E	Range 30	Township 16S	Range 31E	County Eddy County, New Mexico	
Well Location Location of Well: 1790' feet from the north line and 330 feet from the west line					
Ground Level Elev.	Producing Formation Grayburg-Sandres		Pool Square Lake		Dedicated Acreage: 30.58 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.

B. D. Hope

Name

Position

Company

ARWOOD LTD

Date

12-19-71

I hereby certify that the well location shown on the plat was plotted from field notes of actual measurements made by me under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

12-13-71

Registered Professional Engineer and/or Land Surveyor

N. RAYMOND LAMB

Certificate No.

929

