

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

Stallworth Oil & Gas

3. ADDRESS OF OPERATOR

407 West Missouri Avenue, Midland, Texas 79701

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

At surface

1980' FWL & FSL

At proposed prod. zone

Same

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

Six miles N.W. of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

480

17. NO. OF ACRES ASSIGNED

TO THIS WELL

160

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1867'

19. PROPOSED DEPTH

9800

20. ROTARY OR CABLE TOOLS

Rotary

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

4221 GR

22. APPROX. DATE WORK WILL START*

April 15, 1972

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17"	12-3/4"	34.6#	400'	400 sx Class "H", 2% CaCl
11"	8-5/8"	24 & 32#	4100'	375 sx Class "C", 2% CaCl
7-7/8"	5-1/2"	17#	9800'	500 sx Class "C", 50-50 Pozmix "A"

Cement will be circulated on 12-3/4" surface casing.

The well will be drilled with rotary tools using water to 7000' and mud to total depth.

A blowout preventer stack will be installed on the 8-5/8" intermediate casing string prior to drilling out with a 7-7/8" bit at 4100'. The surface and intermediate casing strings will be pressure tested prior to drilling out.

Anticipated depth of the Bough "C" pay zone is 9720'. We will perforate casing and stimulate as necessary.

Surface Formation - Quaternary Age Sandstone.

No coring is anticipated.

Logging will be with a Gamma Ray/Neutron tool.

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

Murray E. Helmers

TITLE

Production Manager

DATE

3-14-72

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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.

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OIL CONSERVATION COMM.
HOODS, N. M.

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form O-1
Supersedes O-1
Effective 1-1-72

All distances are measured from the center boundaries of the Section

STALLWORTH OIL AND GAS		VADA PRETT "A"		Well No. 1
Section K	Township 1	Range 9 South	Meridian 34 East	County Lea
1980	feet from the South	1980	feet from the West	Dedicated Acreage
4221	Bough C	VADA PENN		160

The acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

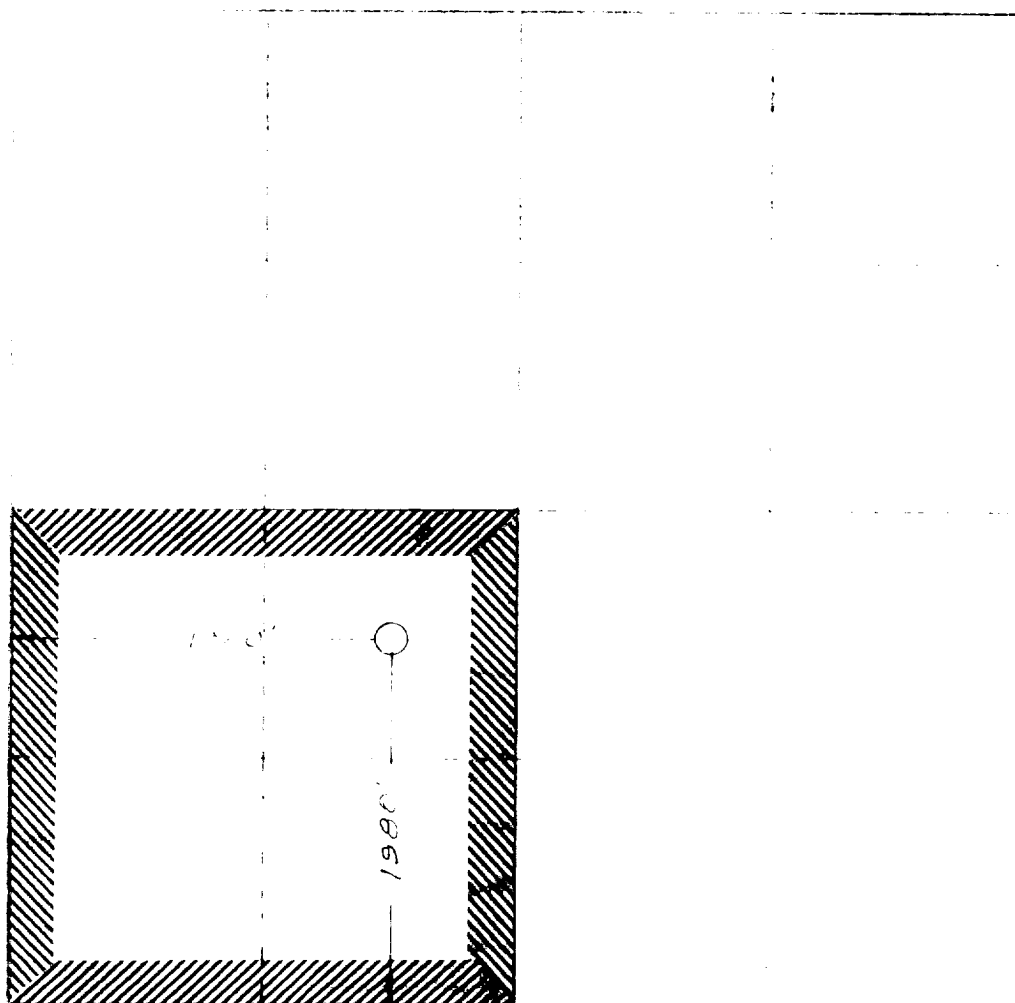
If one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.)

Now in process of communitization & forms will be submitted prior to commencement of this well.

☒ Yes ☐ No If answer is "yes," type of consolidation _____

_____ will be assigned to the well until all interests have been consolidated (by communitization, unitization, force pooling, or otherwise) or until a non-standard unit communitizing 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.

Murray E. Helmers
Name

Production Manager

Position

Stallworth Oil & Gas

Company

March 14, 1972

Date

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

Date Surveyed

March 11, 1972

Registered Professional Engineer and/or Land Surveyor

John W. Shearn
Signature

Certification No.

1559



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OIL CONSERVATION COMM.
HOBBS, N. M.