

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

Flag-Redfern Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 23, Midland, Texas 79701

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

At surface

1980' from West Line, 660' from South Line of

Sec. 13, T-9-S, R-37-E, Lea County, New Mexico

At proposed prod. zone

Same

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

15 Miles East of Crossroads, New Mexico

19. 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

320

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

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

-

19. PROPOSED DEPTH

5100

20. ROTARY OR CABLE TOOLS

Rotary

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

3960 Gr.

22. APPROX. DATE WORK WILL START*

August 28, 1971

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24	400	300 sx. (Circulate)
7 7/8"	4 1/2"	9.5	5100	300 sx.

Drill 11" hole from surface to approximately 400' - Run and cement 8 5/8" casing circulating cement back to surface. Drill 7 7/8" hole to approximately 5100'. Run open hole well logs. Run 4 1/2" O.D. 9.5#/ft production casing. Cement with 300 sacks Incor, 10% salt, 2% gel. WOC. Run correlation log. Perforate San Andres. Treat with approximately 10,000 gallons acid. Swab to test. Potential well.

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

Byron H. GreavesTITLE Production ManagerDATE 8/19/71

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE

APPROVED BY _____

TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AUG 31 1971

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side

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SEP 14 1971

OIL CONSERVATION COMM.
HOBBS, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND DEDICATION PLAT

Form No. 1
State of New Mexico
Effective 1-1-68

Section of the Section

FLAG-REDFERN

BROWN 84

Well No. 1

"N"

13

9 South

37 East

Len

660

South

1960

West

3975

San Andres

UNDESIGNATED
Sawyer San Andres Gas

Dedicated Area
160

Indicate the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below

If the well is owned by more than one person, please so indicate on the well location mark and identify the ownership thereof (both as to working interest and royalty)

If the well is owned by different ownership as to the well, have the interests of all owners been consolidated (by communitization, unitization, or otherwise)

Yes ☐ No ☐ If answer is "Yes," type in this statement

If answer is "No," list the owners and true designations which have actually been consolidated. (Use reverse side of this form if necessary)

If the well will be assigned to the well until all interests have been consolidated (by communitization, unitization, or otherwise), or otherwise, for unitization standard and 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

Byron H. Greaves

Name Byron H. Greaves

Production Manager

Position

Flag-Redfern Oil Company

Company

August 19, 1971

Date

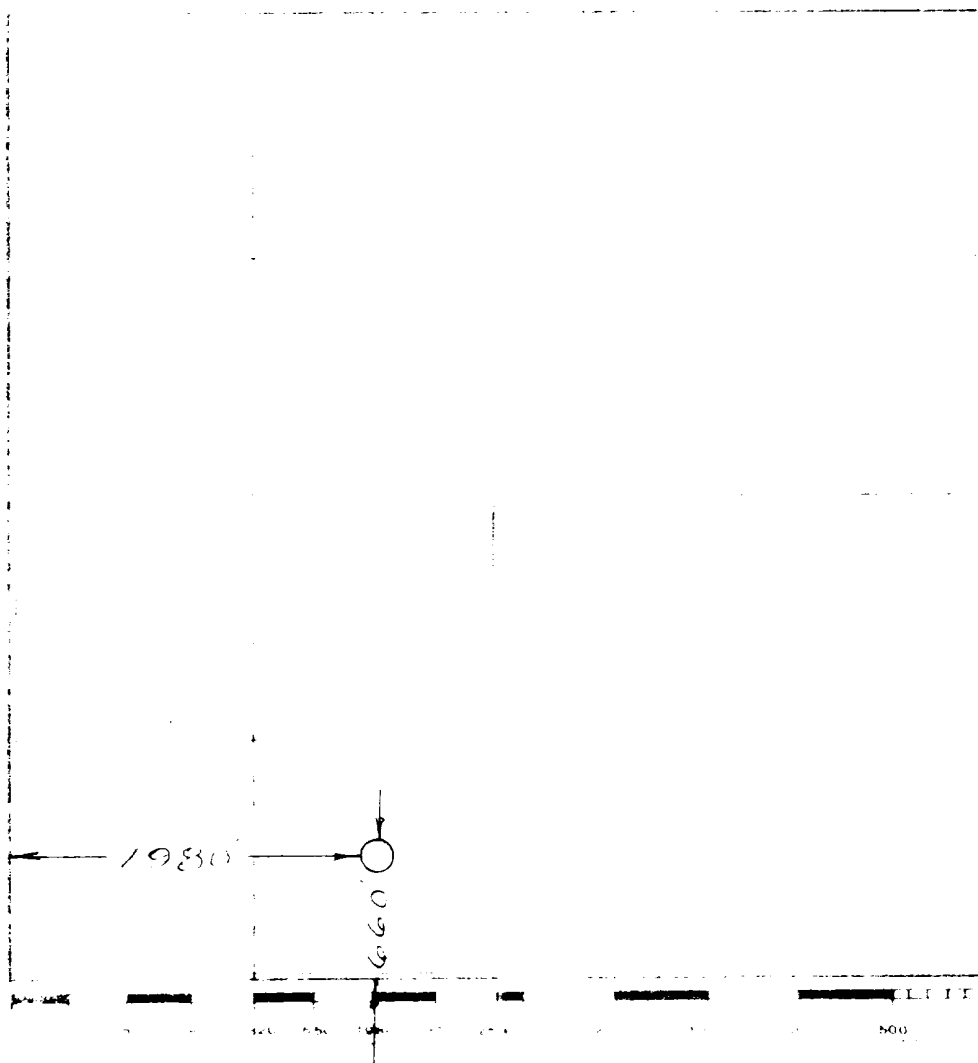
I hereby certify that the well location shown on this plat was plotted from notes of actual surveys made to me under my supervision and that the same is true and correct to the best of my knowledge and belief

Date Surveyed

August

Registered Professional Land Surveyor
under the laws of the State of New Mexico

Herschel Jones
HERSCHEL JONES
3640
REGISTERED LAND SURVEYOR



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OIL CONSERVATION COMM.
HOBBS, N. M.

NFO I-104 1/1782
NFO-I-62 6/1/72

SEP 14 1971 OCT 4 1971