

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. NAME OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐

3. NAME OF OPERATOR
 Flag-Redfern Oil Company

4. ADDRESS OF OPERATOR
 P. O. Box 23 Midland, Texas 79701

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 555' from North Line & 765' from East Line, Section 20, T-8-S, R-38-E.
 At proposed prod. zone Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 17 miles Northwest of Crossroads, New Mexico

7. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest d.i.g. unit line, if any) 555'

8. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 None

9. ELEVATIONS (Show whether DP, RT, GR, etc.)
 3954' GL

10. NO. OF ACRES IN LEASE
 80

11. NO. OF ACRES ASSIGNED TO THIS WELL
 80

12. PROPOSED DEPTH
 4850'

13. ROTARY OR CABLE TOOLS
 Rotary

14. APPROX. DATE WORK WILL START*
 October 26, 1972

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24 H-40	330	250 sx. (circulate)
7 7/8"	4 1/2"	9.5 J-55	4850	250 sx.

Drill 12 1/4" hole from Surface to approximately 330' - Run and set 8 5/8" casing. Circulate cement to surface with 250 sx. class C, 2% Cacl. Drill 7 7/8" hole to approximately 4850'. Run open hole logs. Run 4 1/2", 9.5 lb/ft, J-55 production casing. Cement with 250 sx. Class C, 2% gel, 0.75% CFR-2, 8 lb. salt per sack. Run correlation log. Perforate San Andres. Treat with Acid. Swab to test. Potential Well.

Mud Program - 0-400' - Native Mud
 400-4500' - Native Mud
 4500-4850' - Salt base mud-wt 10.3, Vis 38, WL 15cc.

R-4390

Blowout Preventor - Shaffer 10" - Series 900- Installed on surface pipe.

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.

SIGNED Bryan H. Brown TITLE Production Manager DATE October 13, 1972
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____
 CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED
 OCT 27 1972
 ARTHUR R. BROWN
 DISTRICT ENGINEER

*See Instructions On Reverse

OIL CONSERVATION COMM.
HOBBES, N. M.

DEC 21 1972

RECEIVED

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-167
Supersedes O-128
Effective 1-1-73

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

Flag-Medern Oil Company		Merren-Montgomery Federal		1
Section of 20:		35	38E	Roosevelt
555	North	765	East	Dedicated Acreage:
3954	San Andres	Blunt	SA Amoc	80

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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, forced-pooling, etc?

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

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.

555	765'
SECTION 20	SECTION 21
Twp. 8-S, Rng. 38-E	

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Bryan H. Greaves

Name

Byron H. Greaves

Position

Production Manager

Company

Flag-Medern Oil Company

Date

October 13, 1972

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

Date Surveyed

Oct. 7, 1973

Registered Professional Engineer and/or Land Surveyor

[Signature]

Section No.

754

110 550 90 140 1400 1030 1210 1430 3 30 1 30 1200 500

Flag Redfern

O I L C O M P A N Y

410 WALL TOWARD WEST • MIDLAND, TEXAS 79701

P. O. BOX 23 • PHONE (817) 833-1111

October 16, 1972

FILE:

U. S. Department of Interior
Geological Survey
Post Office Box 1157
Hobbs, New Mexico 88240

Attention: Mr. Arthur Brown

Re: Flag-Redfern Oil Company
Merren-Montgomery Federal No. 1
Section 20, 8S, 38E
Roosevelt County, New Mexico

Gentlemen:

The following is a Development Plan for Surface Use as required to accompany application to drill the captioned well.

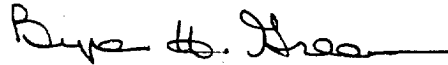
- 1) State Highway 262 runs east-west along the north line of Section 17. Existing lease roads down the center of Section 17 south, then east and south into Section 20.
- 2) Access road will be 980' east of existing lease roads.
- 3) Inasmuch as lease covers only NE/4 NE/4 Section 20, and NW/4 NW/4 Section 21; and Bluit Field is developed on 80-acre spacing, captioned well will be only well drilled on tract.
- 4) The planned access road will be only road into lease.
- 5) It is anticipated that the tank battery will be installed in the southeast corner of the drilling pad, the size and number of tanks and separators to be determined after the well is completed.
- 6) There is no known supply of drilling water in the immediate area and we consequently plan to haul drilling water to this location.
- 7) All solid waste from the drilling will be either buried or hauled away.
- 8) Produced brine will be stored in tanks and be trucked by permit into an approved subsurface disposal zone.
- 9) Casinghead gas will be purchased by Cities Service Gas Company and processed in their Blot Plant.

U.S. Department of Interior
October 16, 1972
Page two of two
Re: Merren-Montgomery Federal No. 1

- 10) See attached Development Plan Plat.
- 11) Should this be a dry hole, the pits will be filled and surface restored as near as possible to the original contours. Should this well produce, the pits will be filled and leveled and the pad maintained during the life of production.

Please advise if we can furnish any additional information which you might desire.

Yours very truly,



Byron H. Greaves
Production Manager

BHG:elf

Attachments

