

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' FWL & 660' FSL

At proposed prod. zone

Same

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

16 miles east of Elkins, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

1120

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

None

19. PROPOSED DEPTH

4200'

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

23.

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# J-55	400'	250 sx
7-7/8"	4-1/2"	10.5# H-40	4200'	250 sx

Drill 12 1/4" hole from surface to approximately 400'. Run & set 8-5/8" casing and cement with 250 sacks Class "C" with 2% CaCl. Drill 7-7/8" hole to approximately 4200'. Run open hole logs. Run and set 4 1/2" casing and cement with 250 sacks Class "H" Poz with 2% gel, 0.75% CFR-2, 8 lbs salt per sack. Run correlation logs and perforate San Andres formation. Treat with acid. Swab to test. Potential well.

Mud Program: 0 - 400' Native Mud
400' - 3800' Native Mud and Oil
3800' - T.D. Starch, Oil Emulsion

Blowout Preventers: Shaffer 10" - Series 900 - Installed on surface

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

John A. Luedig

TITLE

Petroleum Engineer

DATE

12-31-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JAN 13 1975

R. L. BEEKWILL

ACTING DISTRICT ENGINEER

THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES APR 13 1975

*See Instructions On Reverse Side

5. LEASE DESIGNATION AND SERIAL NO.

15677

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hahn Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Tom-Tom

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 27, T7S, R31E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

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RECEIVED

JAN 15 1975

**OIL CONSERVATION COMM.
HOBBS, N. M.**

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PL.

Form C-102
Supersedes C-128
Effective 1-1-65

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

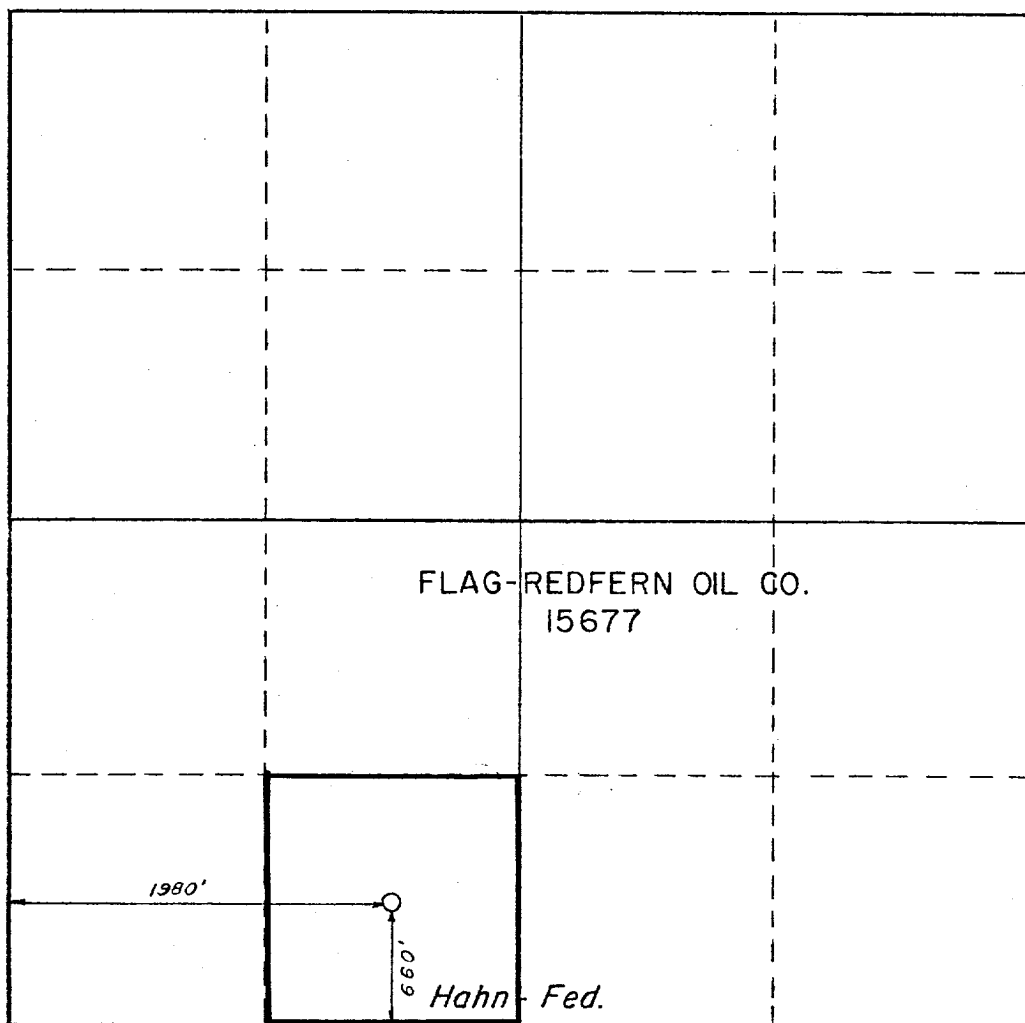
Operator Flag-Redfern Oil Company			Lease Hahn Federal		Well No. 1
Unit Letter N	Section 27	Township 7S	Range 31E	County Chaves	
Actual Footage Location of Well: 1980 feet from the West line and 660 feet from the South line					
Ground Level Elev.	Producing Formation San Andres		Pool Tom-Tom		Dedicated Acreage: 40 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.

Name John A. Landig
Position Petroleum Engineer
Company Flag-Redfern Oil Company
Date December 31, 1974

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
December 30, 1974

Registered Professional Engineer and/or Land Surveyor

Certificate No.

754

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OIL CONSERVATION COMM.
HOBBS, N. M.



Flag-Redfern Oil Company

P. O. BOX 23•MIDLAND, TEXAS 79701•410 WALL TOWERS WEST•PHONE (915) 683-5184

December 31, 1974

FILE:

U. S. Department of Interior
Geological Survey
P. O. Box 1157
Hobbs, New Mexico 88240

Re: Flag-Redfern Oil Company
Hahn Federal No. 1
Sec. 27, T7S, R31E
Chaves County, New Mexico

Dear Sirs:

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

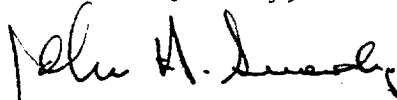
1. An existing road is located at approximately the southwest corner of Section 27.
2. The access road to the captioned well will extend 660' north of the southwest corner and then east 1980' to the well.
3. Additional lateral roads in Section 27 will be required as development progresses.
4. The planned access road will be the only road into the lease.
5. Water for drilling operations will be hauled to this location.
6. All solid waste from the drilling operation will be either buried or hauled away. Trash and junk will be buried in a separate pit.
7. If commercial production is obtained, the tank battery will be located on the drilling pad west of the well.
8. Produced brine will be stored in tanks and trucked by permit into an approved subsurface disposal zone.
9. Location layout and rig plan are detailed on the attached development plat.
10. Should this be a dry hole, the pits will be filled and the surface restored as near as possible to the original contours. Should the well produce, the pits will be filled and leveled and the pad maintained during the life of production.

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U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

U. S. Department of Interior
December 31, 1974
Page Two

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

Yours very truly,



John H. Swendig
Petroleum Engineer

JHS:ss

Attachments

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ARTESIA, NEW MEXICO

R -31- E

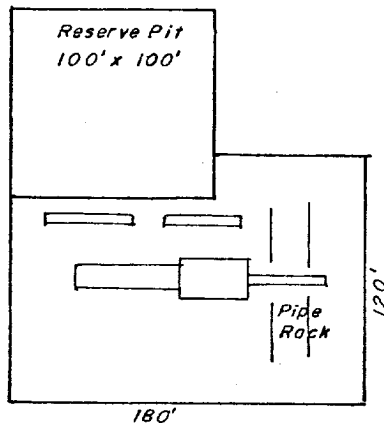
T
7
S

27

Flag- Redfern Oil Co

Hahn Fed.

Reserve Pit
100' x 100'



PAD DETAIL



Flag-Redfern Oil Company

410 WALL TOWERS WEST • MIDLAND, TEXAS 79701

P. O. BOX 23 • PHONE (915) 683-3184

DEVELOPMENT PLAN
FOR SURFACE USE

CHAVES CO., NEW MEXICO

SCALE: 1" = 1000'

