

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

2120' FEL & 800' FSL

At proposed prod. zone

Same

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

15 miles east of Crossroads, New Mexico

15. DISTANCE FROM PROPOSED*

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

520'

16. NO. OF ACRES IN LEASE

240

18. DISTANCE FROM PROPOSED LOCATION*

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

1180'

19. PROPOSED DEPTH

5100'

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

3964' GR

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# K-55	350'	250 sx
7-7/8"	4-1/2"	10.6# H-40	5100'	250 sx

Drill 12 1/4" hole from surface to 350'. Run and set 8-5/8" casing, circulate cement to surface with 250 sx Class "H", 2% CaCl₂. Drill 7-7/8" hole to approximately 5100'. Run open hole logs. Run 4 1/2", 10.60#, H-40 production casing, cement with 250 sx Class "H", 2% gel, 0.75% CFR-2, and 8 lbs salt per sack. Run correlation logs and perforate San Andres. Treat with acid. Swab to test. Potential well.

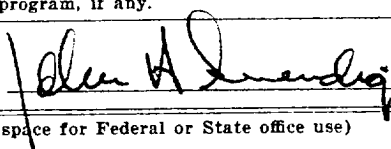
Mud Program: 0- 350' Native mud
350-4850' Native mud & oil
4850-T.D. Starch, Oil Emulsion

Blowout Preventer: 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.

24.

SIGNED



TITLE Petroleum Engineer

DATE January 17, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY

JAN 24 1975
AKINUK K. BROWN
DISTRICT ENGINEER

RECEIVED

U.S. CONSERVATION COMMISSION
FEBRUARY 1968

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

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 Bilbrey "23"		Well No. 5
Unit Letter 0	Section 23	Township 9-S	Range 37-E	County Lea	
Actual Footage Location of Well: 2120 feet from the East line and 800 feet from the South line					
Ground Level Elev. 3964'	Producing Formation San Andres		Pool West Sawyer		Dedicated Acreage: 40.80 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.

	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p>
	<p>Name <u>John A. Luedig</u></p> <p>Position <u>Petroleum Engineer</u></p> <p>Company <u>Flag-Redfern Oil Company</u></p> <p>Date <u>January 17, 1975</u></p>
<p>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.</p>	<p>Date Surveyed <u>January 15, 1975</u></p> <p>Registered Professional Engineer and/or Land Surveyor <u>[Signature]</u></p> <p>Certificate No. <u>9754</u></p>

RECEIVED

OIL CONSERVATION COMM.
HOBBBS, H. W.



Flag-Redfern Oil Company

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

January 17, 1975

FILE:

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

Attention: Mr. Arthur Brown

Re: Flag-Redfern Oil Company
Bilbrey "23" No. 5
Section 23, T-9-S, R-37-E
Lea County, New Mexico

Gentlemen:

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

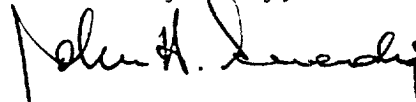
1. State Highway 125 from Tatum, New Mexico to Bledsoe, Texas crosses Section 24 one mile east of the captioned location. Existing caliche lease roads provide access to the south-eastern portion of Section 23.
2. No additional roads will be required.
3. Additional lateral roads in Section 23 will be required if development proceeds in this section.
4. The planned access road will be the only road into the lease.
5. It is anticipated that production from this well will be pumped to the existing tank battery, located west of the No. 1 well.
6. There is no known supply of drilling water in the immediate area, and we consequently plan to haul drilling water into this location.
7. All solid waste from the drilling operation will be either buried or hauled away. Trash and junk will be buried in a separate pit.
8. Produced brine water will be stored in tanks and be trucked by permit into an approved subsurface disposal zone.

U. S. Department of Interior
January 17, 1975
Page Two

9. Casinghead gas will be contracted to either Warren Petroleum Company or Cities Service Gas Company. Contracts will be requested of these companies immediately upon completion.
10. Location layout and rig plan are detailed on the attached development plat.
11. Should this be a dry hole, the pits will be filled and the surface restored as near as possible to the original contours. Should this well produce, pits will be filled and leveled and the pad maintained during the life of production.

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

Yours very truly,

A handwritten signature in dark ink, appearing to read "John H. Swendig". The signature is fluid and cursive, with the first name "John" being the most prominent.

John H. Swendig
Petroleum Engineer

JHS:ss

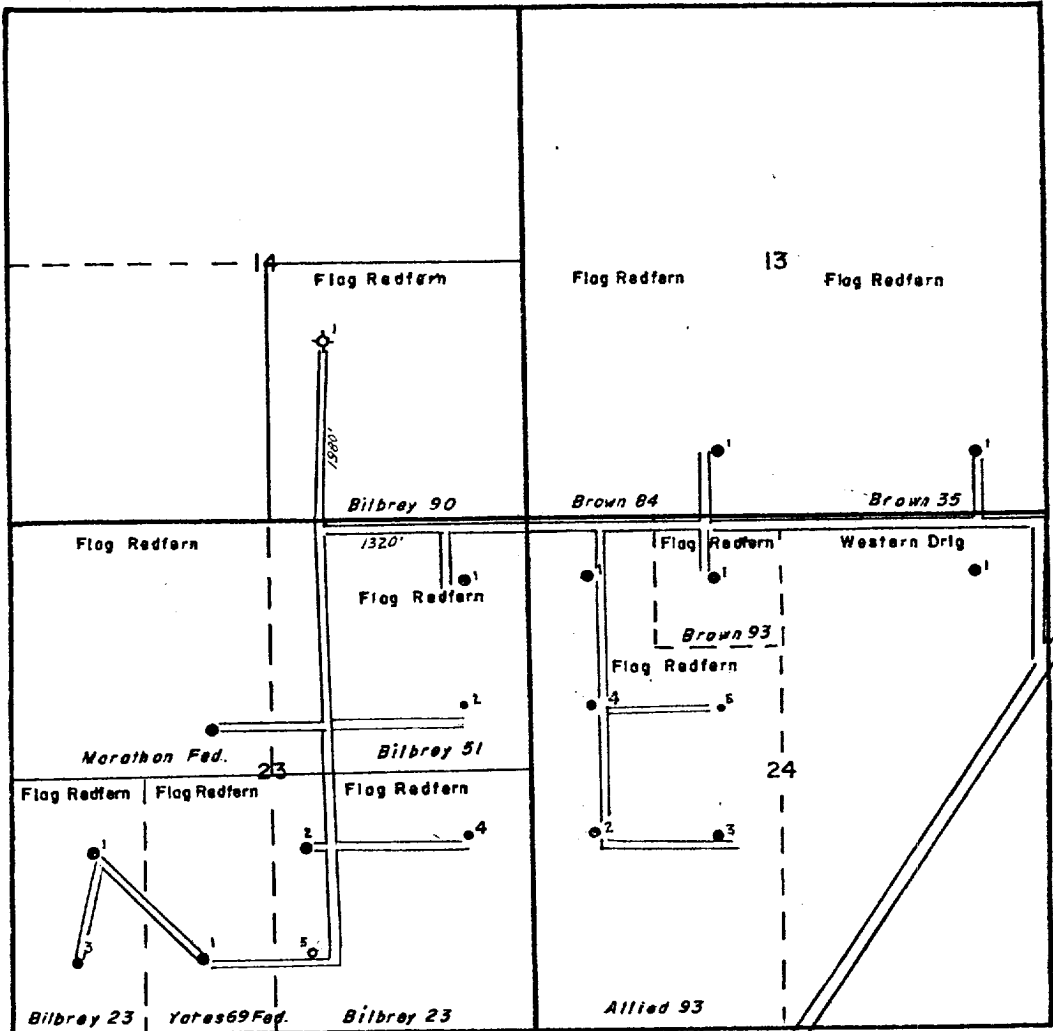
Attachments

FLAG-REDFERN OIL COMPANY
DEVELOPMENT PLAN FOR
SURFACE USE

Lea Co., New Mexico
SCALE: 1" = 2000'

R-37-E

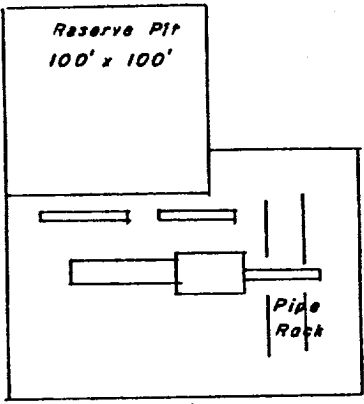
T
S



BLED SOE

125

TATUM



PAD DETAIL