

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' FSL & 660' FEL

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)

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

1320'

16. NO. OF ACRES IN LEASE

240

19. PROPOSED DEPTH

5100'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

80

20. ROTARY OR CABLE TOOLS

Rotary

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

3967' G.R.

22. APPROX. DATE WORK WILL START*

June 25, 1974

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"	28# J-55	375'	250 sx
7-7/8"	4-1/2"	9.5# J-55	5100'	250 sx

Drill 12 1/4" hole from surface to approximately 375'. 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", 9.5 lb/ft, J-55 production casing, cement with 250 sx Class "C", 2% gel, 0.75% CFR-2, and 8 lbs salt per sack. Run correlation log, perforate San Andres. Treat with acid. Swab to test. Potential well.

Mud Program: 0-4800'
4800-TDNative mud
Salt base mud - Wt 10.3, Vis: 38, WL: 15 cc

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

John A. Kennedy

TITLE Petroleum Engineer

DATE June 3, 1974

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
JUN 11 1974

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ARTHUR R. BROWN
DISTRICT ENGINEER

*See Instructions On Reverse Side



O I L C O M P A N Y

410 WALL TOWERS WEST • MIDLAND, TEXAS 79701

P. O. BOX 23 • PHONE (915) 683-5184

June 3, 1974

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

Attention: Mr. Arthur Brown

Gentlemen:

Re: Flag-Redfern Oil Company
Bilbrey "23" No. 4
Sec. 23, T-9-S, R-37-E
Lea County, New Mexico

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 east of the captioned location. Existing caliche roads extend west and south into the southwest of Section 23.
2. The existing caliche road will be extended 1320 feet east from the Bilbrey "23" No. 2 to the new location.
3. Additional lateral roads in Section 24 will be required as development progresses.
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 to this location.
7. All solid waste from the drilling operation will be either buried or hauled away.


TRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH PIT
8. Produced brine will be stored in tanks and be trucked by permit into an approved subsurface disposal zone.

U. S. Department of Interior
June 3, 1974
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9. Casinghead gas will be purchased by either Warren Petroleum Company or Cities Service Gas Company. Immediately upon completion of the well, contracts will be requested of each company.
10. Location layout and pad detail are diagramed on the attached development 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,



John H. Swendig
Petroleum Engineer

JHS:ss

Attachments

BEFORE THE OIL CONSERVATION COMMISSION
THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE NO. 5175

Order No. R-4737

APPLICATION OF FLAG-REDFERN OIL
COMPANY FOR AN UNORTHODOX OIL WELL
LOCATION, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on February 27, 1974, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 6th day of March, 1974, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Flag-Redfern Oil Company, seeks, as an exception to the West Sawyer-San Andres Special Pool Rules, authority to drill an oil well at an unorthodox location 1980 feet from the South line and 660 feet from the East line of Section 23, Township 9 South, Range 37 East, Lea County, New Mexico.

(3) That said unorthodox location is proposed in order to avoid an excessive water cut which might occur at a standard location.

(4) That approval of the subject application will afford the applicant the opportunity to produce its just and equitable share of the oil in the West Sawyer-San Andres Pool and will otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That an exception to the West Sawyer-San Andres Special Pool Rules is hereby granted authorizing applicant to drill an oil well at an unorthodox location 1980 feet from the South line and 660 feet from the East line of Section 23, Township 9 South, Range 37 East, NMPM, Lea County, New Mexico.

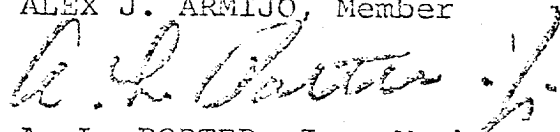
(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member


A. L. PORTER, Jr., Member & Secretary

S E A L

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.

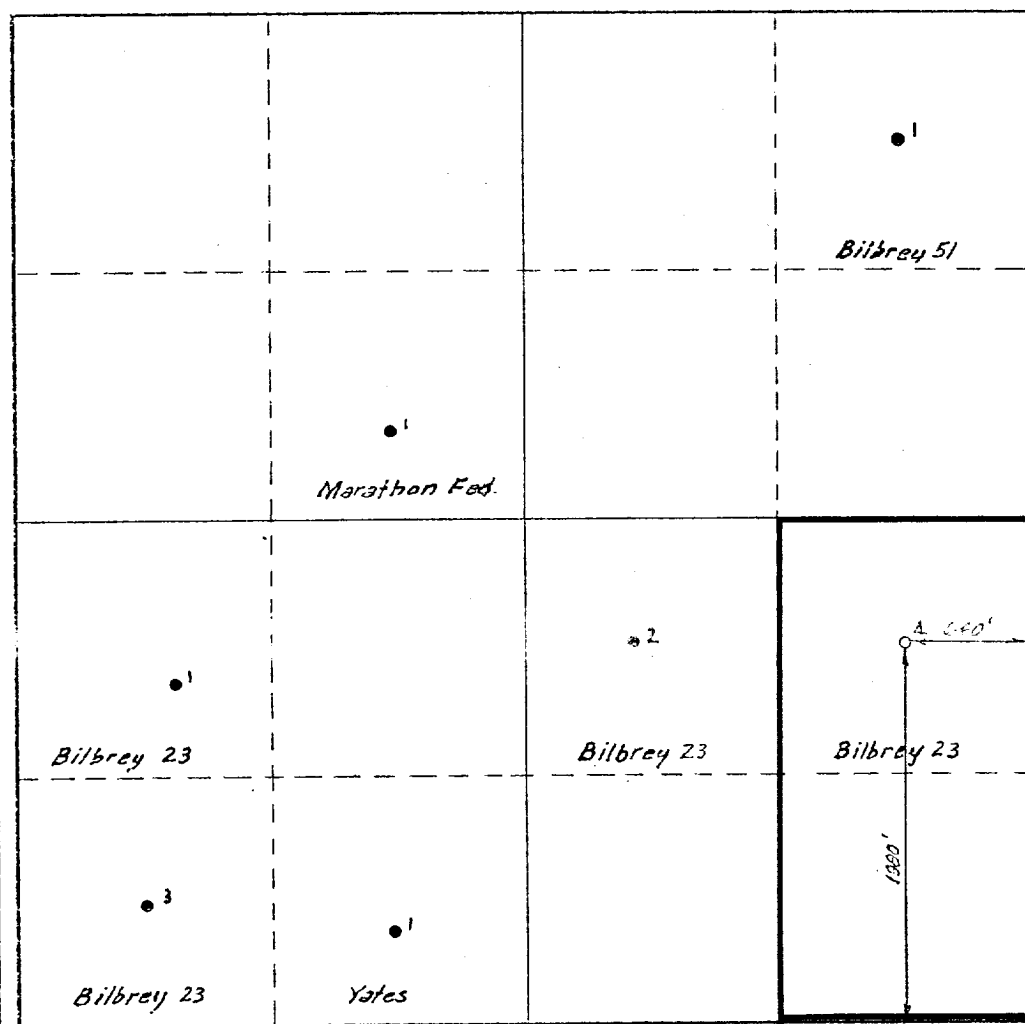
Operator Flag-Redfern Oil Company			Lease Bilbrey "23"		Well No. 4
Unit Letter I	Section 23	Township 9-S	Range 37-E	County Lea	
Actual Footage Location of Well: 660 feet from the East line and 1980 feet from the South line					
Ground Level Elev. 3967'	Producing Formation San Andres		Pool West Sawyer		Dedicated Acreage: 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.



CERTIFICATION

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

Name John A. Lunsby
Position Petroleum Engineer
Company Flag-Redfern Oil Company
Date June 3, 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 May 31, 1974
Registered Professional Engineer and/or Land Surveyor [Signature]
Certificate No. 754

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

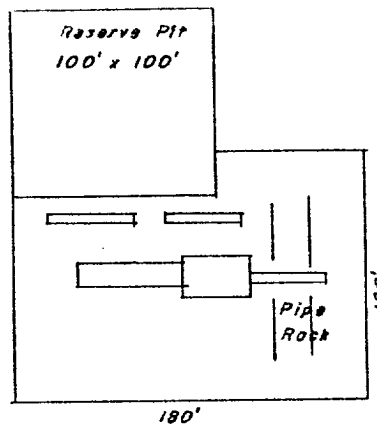
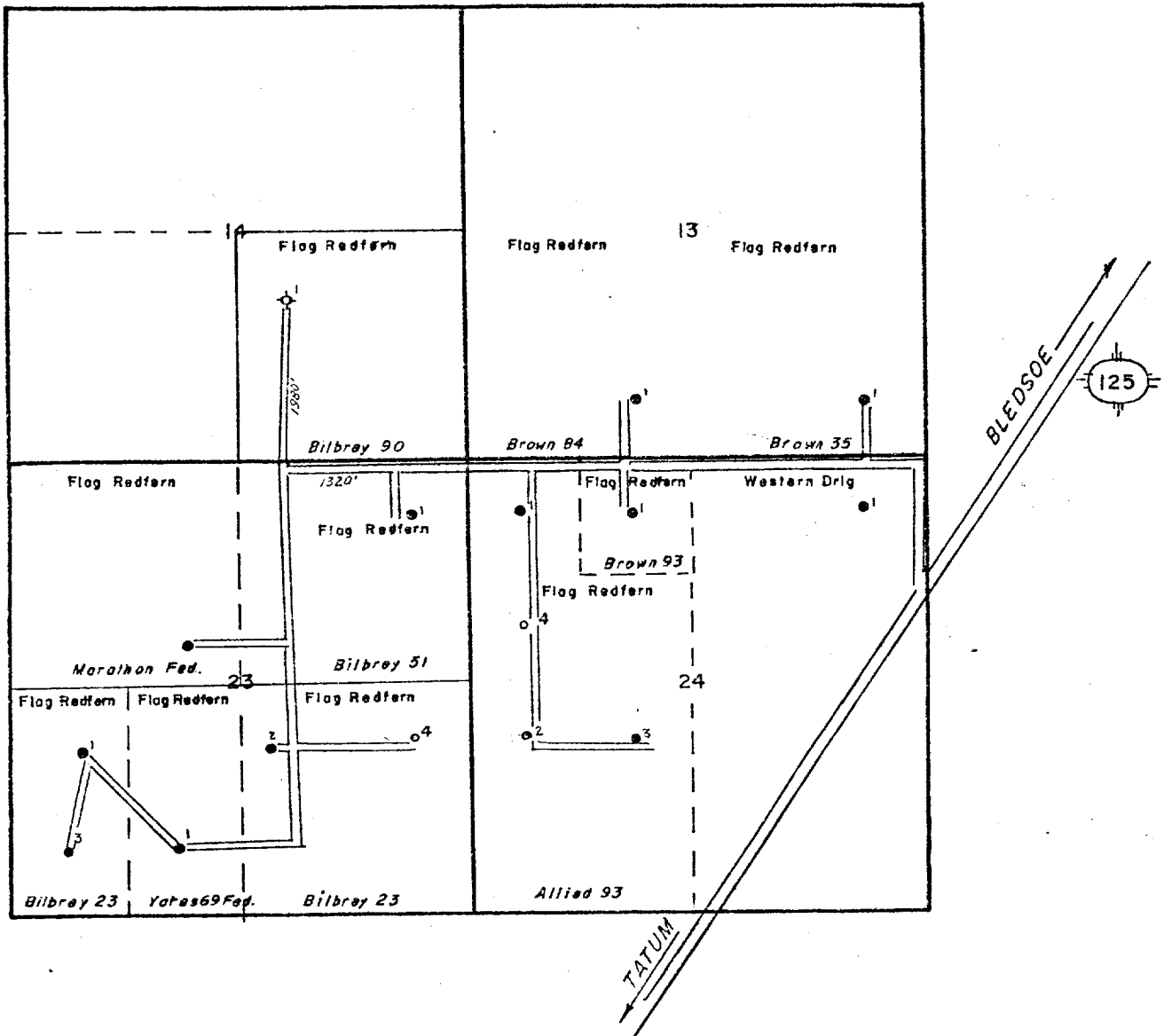
FLAG-REDFERN OIL COMPANY DEVELOPMENT PLAN FOR SURFACE USE

Lea Co., New Mexico

SCALE: 1" = 2000'

R-37-E

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9
S



PAD DETAIL