

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. API-16369 - LC 065151		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Flag-Redfern Oil Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 23 Midland, Texas 79701			8. FARM OR LEASE NAME Bilbrey 23		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 801' FWL & 1839' FSL Section 23, T-9-S, R-37-E At proposed prod. zone Same			9. WELL NO. 1		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles east of Crossroads, New Mexico			10. FIELD AND POOL, OR WILDCAT Sawyer (West) San Andres		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 519'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, T-9-S, R-37-E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			12. COUNTY OR PARISH 13. STATE Lea New Mexico		
16. NO. OF ACRES IN LEASE -			17. NO. OF ACRES ASSIGNED TO THIS WELL 80		
19. PROPOSED DEPTH 5100'			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3975' GL			22. APPROX. DATE WORK WILL START* May 10, 1973		

23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24# J-55	400'	250 sx. - Circulate
7 7/8"	4 1/2"	9-5# J-55	5100'	250 sx.

Drill 12 1/2" hole from surface at approximately 400'. Run & set 8 5/8" casing; circulate cement to surface with 250 sx class H-2% CaCl<sub>2</sub>. 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 W/2% Gel, 0.75% CFR-2 & 8 lb salt/sx. Run correlation log; perforate San Andres. Treat with Acid. Swab to Test. Potential Well.

Mud Program - 0-4800' Native Mud  
4800-TD Salt Base Mud - Wt 10.3, Vis 38, WL 15cc.

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.

24. SIGNED Eugene V. Pank TITLE Petroleum Engineer DATE April 24, 1973  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_

APPROVED BY \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

APPROVED  
MAY 10 1973ARTHUR R. BROWN  
DISTRICT ENGINEER

1973

DATE \_\_\_\_\_

\*See Instructions On Reverse Side

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.

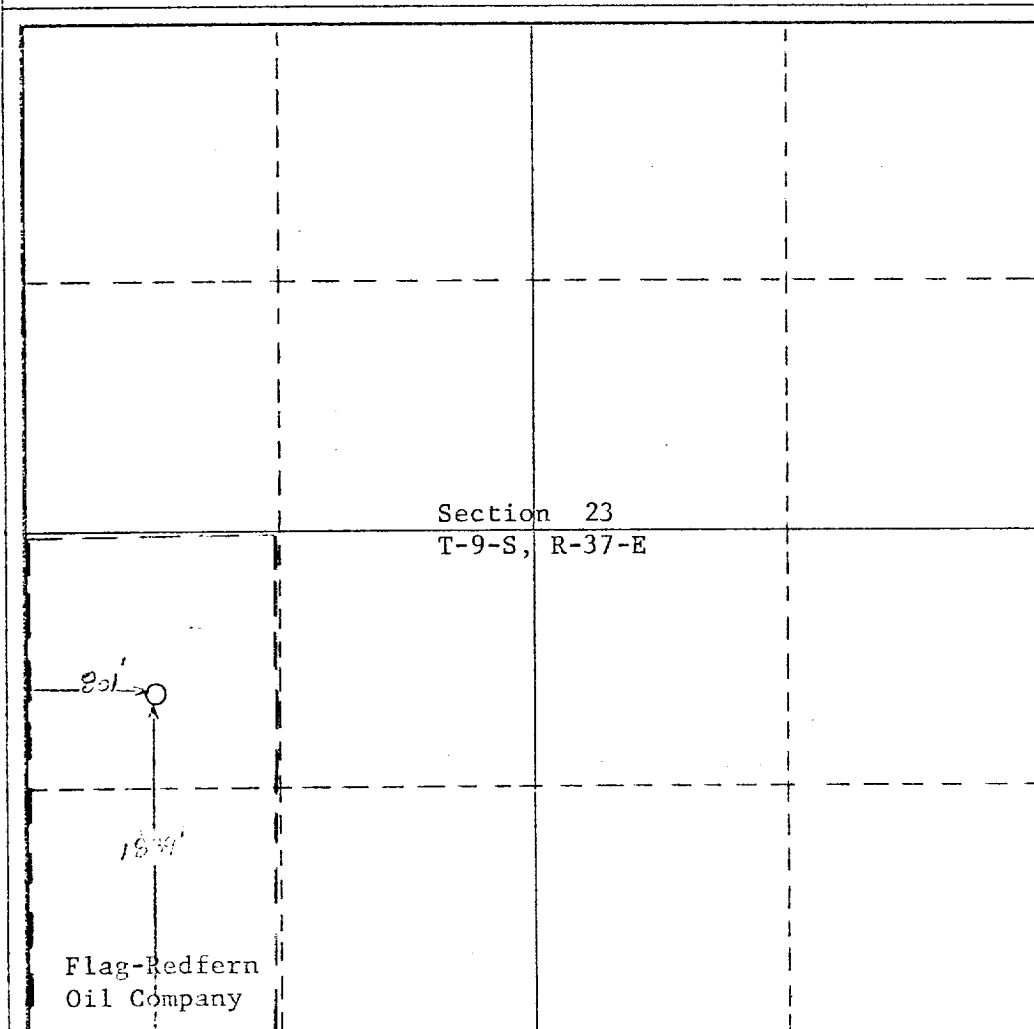
Operator <b>Flag-Redfern Oil Company</b>			Lease <b>Bilbrey "23"</b>		Well No. <b>1</b>
Unit Letter <b>L</b>	Section <b>23</b>	Township <b>9-South</b>	Range <b>37-East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>801</b> feet from the <b>West</b> line and <b>1839</b> feet from the <b>South</b> line					
Ground Level Elev. <b>3975'</b>	Producing Formation <b>San Andres</b>		Pool <b>Sawyer West</b>		Dedicated Acreage: <b>80</b> Acres

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, 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

Position

Petroleum Engineer

Company

Flag-Redfern Oil Company

Date

April 24, 1973

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

April 23, 1973

Registered Professional Engineer and/or Land Surveyor

Certificate No.

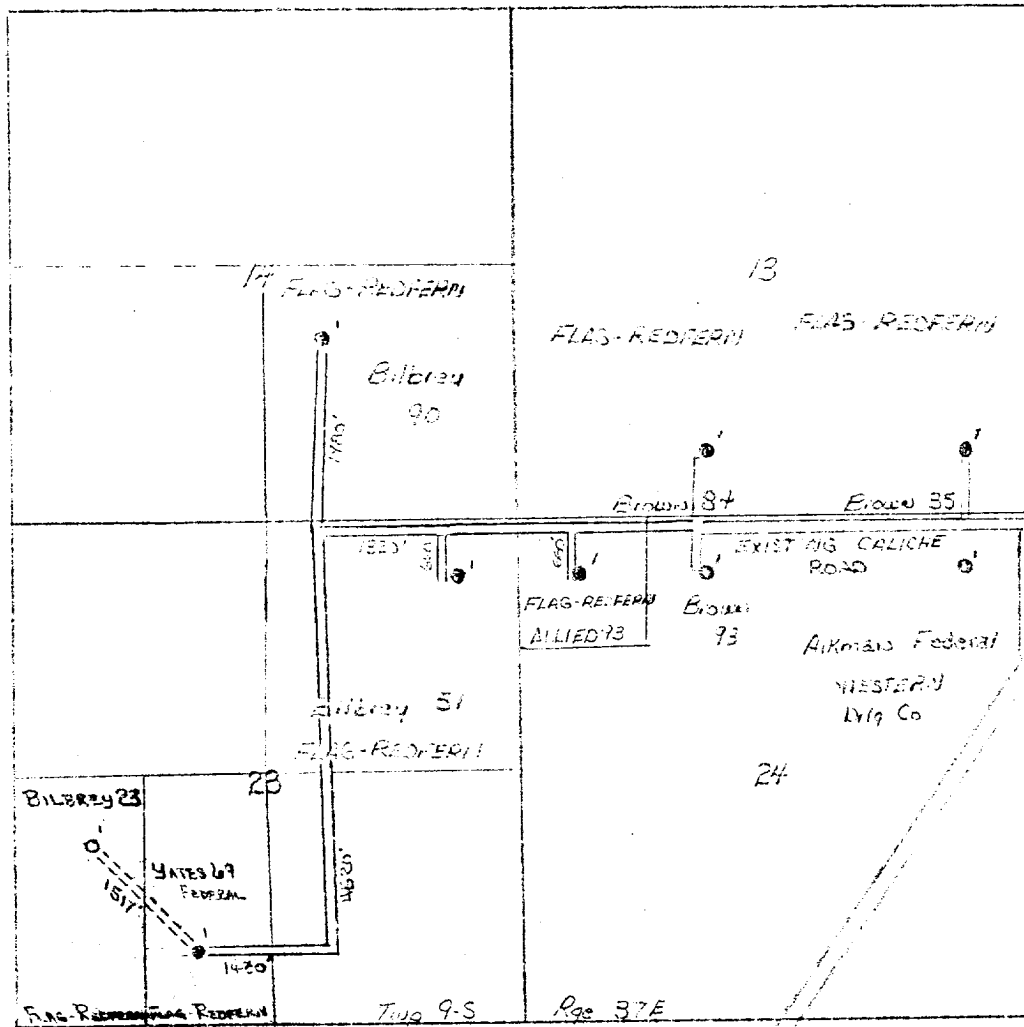
754

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

# DEVELOPMENT PLAN FOR

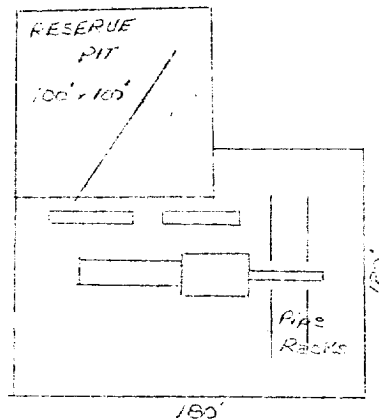
SURFACE USE

FLAG - REDFERN OIL COMPANY  
 SMOYER SINK ANDRES FIELD  
 LEE COUNTY, NEW MEXICO



PAD DETAIL

TATUM





O I L C O M P A N Y

410 WALL TOWERS WEST • MIDLAND, TEXAS 79701

P. O. BOX 23 • PHONE (915) 683-5124

April 24, 1973

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

FILE:

Attention: Mr. Arthur Brown

Gentlemen:

Re: Flag-Redfern Oil Company  
Bilbrey "23" #1  
Section 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 one and one-half mile 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 1517 feet northwest in Section 23.
3. Additional lateral roads in Section 23 will be required as development progresses.
4. The planned access road will be the only road into the 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 operation 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.

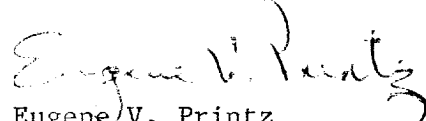
U. S. Department of Interior  
April 24, 1973  
Page two of two

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,

FLAG-REDFERN OIL COMPANY

  
Eugene V. Printz  
Petroleum Engineer

EVP:top

Attachments

RECEIVED

1957

CONSTITUTIONAL COMM.  
1957, 10, 11