

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. UN 2390-A	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input 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 90	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980' FSL & 1980' FEL, Section 14, 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	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14, T-9-S, R-37-E	
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH - 13. STATE Lea New Mexico	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			19. PROPOSED DEPTH 5100'	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3990' Ground			22. APPROX. DATE WORK WILL START* November 30, 1972	

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

Drill 12 1/4" hole from surface at approximately 400' - Run & set 8 5/8" casing, circulate cement to surface with 250 sx class H-2% Cacl. 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, 8 lb salt per sack. 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 Byron H. Green TITLE Prod Mgr DATE 11-9-72
(This space for Federal or State office use)

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

APPROVED
DEC 21 1972
ARTHUR R. BROWN
DISTRICT ENGINEER

RECEIVED
FEB 2 1972
U.S. CONSERVATION COMM.

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 90		Well No. 1
Unit Letter J	Section 14	Township 9-S	Range 37-E	County Lea	
Actual Footage Location of Well: 1980 feet from the South line and 1980 feet from the East line					
Ground Level Elev. 3990	Producing Formation San Andres		Pool Sawyer		Dedicated Acreage: 160 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.

Section 14		Twp 9-S Rge 37-E	
Flag-Redfern Oil Co.			

CERTIFICATION

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

Name
Byron B. Dean

Position
Production Manager

Company
Flag-Redfern Oil Company

Date
11-9-72

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
11-8-72

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

Flag-Redfern

O I L C O M P A N Y
410 WALL TOWERS WEST • MIDLAND, TEXAS 79701
P. O. BOX 23 • PHONE (915) 533-5134

November 9, 1972

FILE:

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

Attention: Mr. Arthur Brown

Gentlemen:

Re: Flag-Redfern Oil Company
Bilbrey "90" #1
Section 14, 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 into the northeast of Section 23.
- 2) The existing caliche road will be extended 1320 feet west in Section 23 and north into Section 14, 1980 feet.
- 3) Additional lateral roads in Section 14 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.

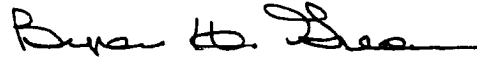
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- 9) Casinghead gas will be purchased by either Warren Petroleum Corporation or Cities Service Gas Company. Immediately upon completion of the well, contracts will be requested of each company.
- 10) Location layout and pad detail are diagramed on 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



Byron H. Greaves
Production Manager

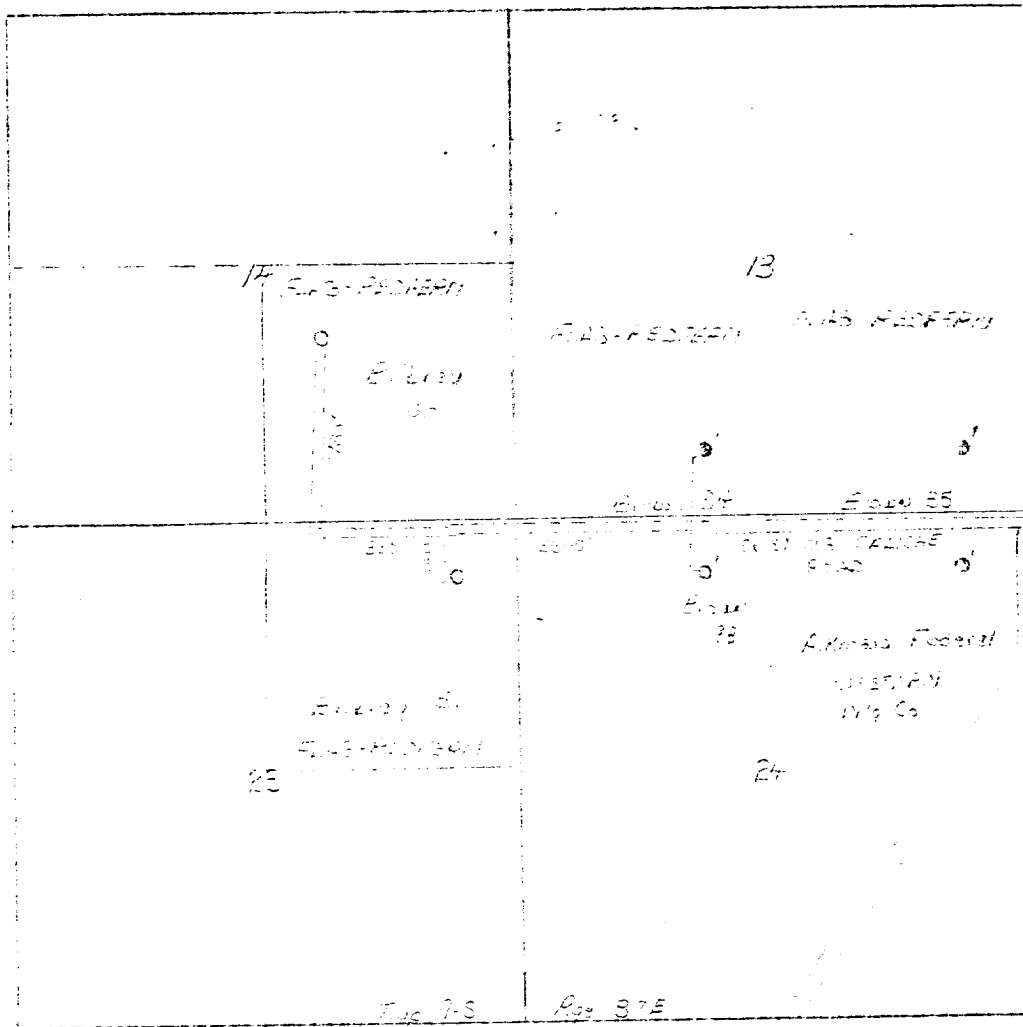
BHG:elf

Attachments

DEVELOPMENT PLAN FOR

CUPFACE USE

FLAG - REDTERRILL COUNTRY
SANDYER SAND HILLS FIELD
LAKE COUNTY, NEW MEXICO



BLEDSON

FLAG DETAIL TATUM

