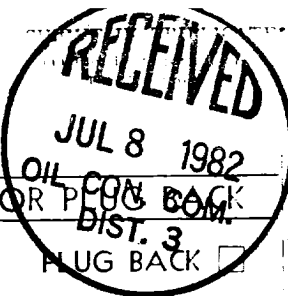


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



30-031-20802  
32821  
DIST. 3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK  
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

3. NAME OF OPERATOR  
HIGH PLAINS PETROLEUM CORPORATION

4. ADDRESS OF OPERATOR  
%Brana Corp, First Interstate Bldg, Suite 1223, Albuq, NM 87102

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface 990' fnl & 660' fel  
At proposed prod. zone Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
22 miles North of Crownpoint, N.M.

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
660'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  
NONE on Lease

9. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6144 Gr.

10. FIELD AND POOL, OR WILDCAT  
Wildcat Mesavade

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
14-20N-13W, NMPM

12. COUNTY OR PARISH  
McKinley

13. STATE  
NM

14. NO. OF ACRES IN LEASE  
2560

15. NO. OF ACRES ASSIGNED TO THIS WELL  
40.00

16. PROPOSED DEPTH  
1500'

17. ROTARY OR CABLE TOOLS  
Rotary

18. APPROX. DATE WORK WILL START  
July 1, 1982

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 1/4"	7 5/8"	26.00	200	125-Suff. to circulate
6 1/4"	4 1/2"	11.00	1500TD	200 Sxs

Plan to drill 10 1/4" hole to a depth of 205' and set 200 feet of 7 5/8" casing with sufficient cement to circulate to surface. Drill 6 1/4" hole to 1500' or depth sufficient to test the Point Lookout formation. Logs will be run at total depth and casing run if production is indicated. Casing will be cemented with 200 sxs of cement, perforated and stimulated if required. 10" Double Gate Hydraulic BOP tested to 3000 psi will be on well during all drilling operations. The BOP testing procedure and a schematic diagram of the BOP is attached. Menefee formation is on the surface and the estimated top of the Point Lookout formation is 1075'. Water, oil or gas is anticipated in the Point Lookout formation. Gel type drilling mud will be used in this operation. No abnormal pressures or temperatures are anticipated.

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 Morris B. Jones TITLE Morris B. Jones, Engineer DATE June 7, 1982  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

JUL 07 1982  
JAMES F. C.  
DISTRICT ENGINEER

## OIL CONSERVATION DIVISION

P. O. BOX 2031

SANTA FE, NEW MEXICO 87501

Form C-107  
Revised 10-1-79

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

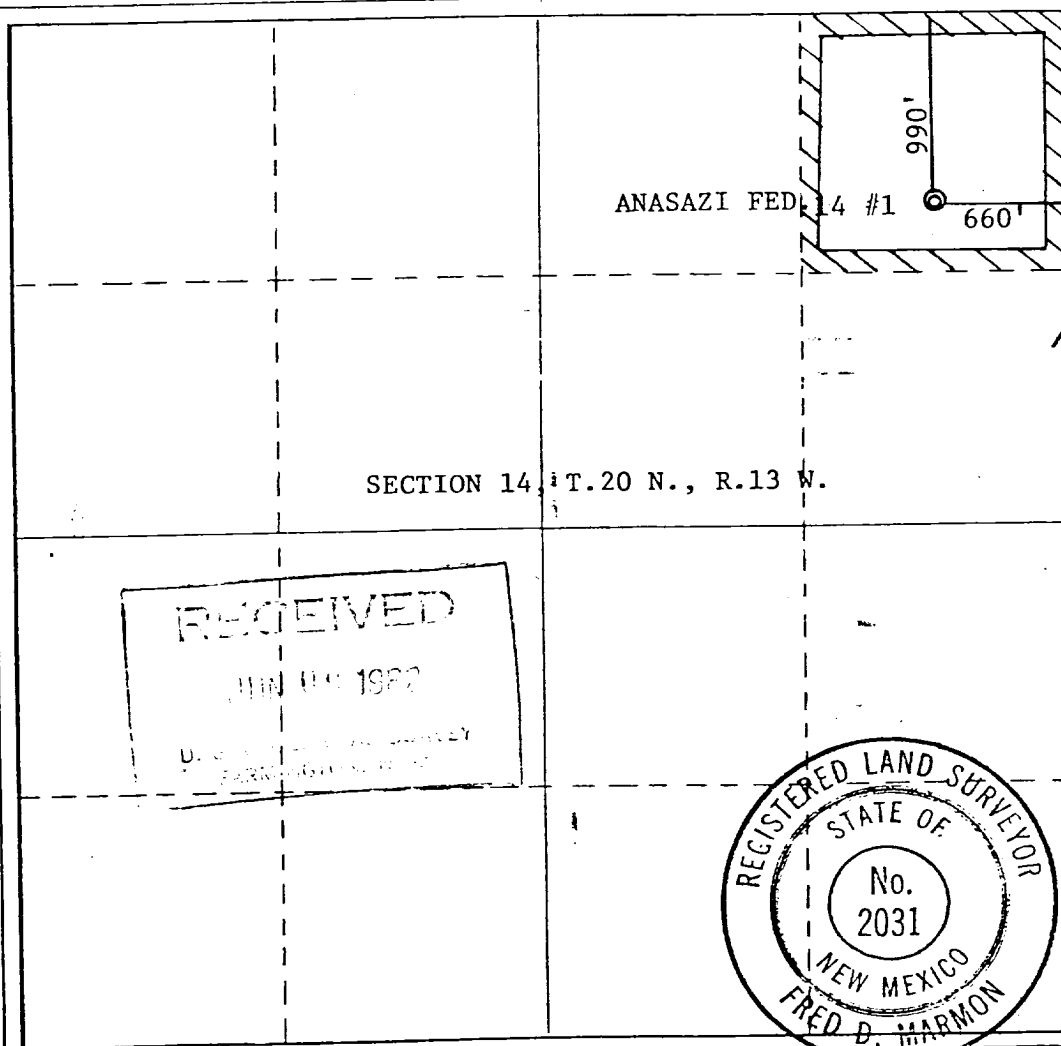
Operator: <b>HIGH PLAINS PETROLEUM CORPORATION</b>			Lease: <b>ANASAZI FEDERAL 14</b>		Well No.: <b>#1</b>
Unit Letter: <b>A</b>	Section: <b>14</b>	Township: <b>T.20 N.</b>	Range: <b>R.13 W.</b>	County: <b>McKinley</b>	
Actual Footage Location of Well: <b>990</b> feet from the <b>north</b> line and <b>660</b> feet from the <b>east</b> line					
Ground Level Elev.: <b>6144</b>	Producing Formation: <b>Mesavade</b>		Pool: <b>Wildcat</b>		Dedicated Acreage: <b>40.00</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 communization, 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 communization, 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.

*Morris B. Jones*  
Morris B. Jones  
Position

Engineer

Company

Brana Corporation

Date

June 7, 1982

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

June 2, 1982

Registered Professional Engineer  
and/or Land Surveyor

*Fred D. Marmon*  
Fred D. Marmon

Certificate No.

2031