

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐

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

2. NAME OF OPERATOR
High Plains Petroleum Corporation 10459

3. ADDRESS AND TELEPHONE NO.
3860 Carlock Dr., Boulder, CO 80303 303-494-4529

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 2150'FNL & 1800'FEL (SW/4NE/4) Section 17
At proposed prod. zone same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
32 mi. southwest of Cuba, NM

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)
490'FLL(480'FUL)

16. NO. OF ACRES IN LEASE
1000

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
None

19. PROPOSED DEPTH
4000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6360'GR

22. APPROX. DATE WORK WILL START*
8/29/94

5. LEASE DESIGNATION AND SERIAL NO.
NMNM92142

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO. 15864
Hermana Federal No. 1

9. AM WELL NO.
30-043-20922

10. FIELD AND POOL OR WILDCAT
WCG; SALADETA-ENTRADA Wildcat 96312

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 17, T17N, R4W, NMPM

12. COUNTY OR PARISH
Sandoval

13. STATE
New Mexico

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/4"	13 3/8" J55	40.5#	60'	78 ft ³ Surface
12 1/4"	8 5/8" J55	32#	700'	285 ft ³ Surface *
7 7/8"	5 1/2" K55	14#	4000'	83 ft ³ in two stages*

* Exact volumes to be determined by logging

Prospective producing zones in the Menefee, Point Lookout, Hospah, Dakota and Entrada will be tested and stimulated, if necessary.

Exhibits:

- A. Location and Elevation Plat
- B. Ten Point Compliance Program
- C. Blowout Preventor Diagram
- D. Multi-point Requirements of APD
- E. Access to Location
- F. Drill Rig Layout
- G. Completion Program Layout
- H. Location Profile

RECEIVED
SEP 30 1994

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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 B. Lomas II

TITLE

DIST. 3
President

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

OCT 11 1994

Application approval does not warrant or certify that the applicant has legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

(Original Signed) HECTOR A. VILLALOBOS

TITLE

AREA MANAGER
RIO PUERCO RESOURCE AREA

DATE

SEP 29 1994

*See Instructions On Reverse Side

NMOCD

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number <u>30-043-20922</u>		2 Pool Code <u>96312</u>		3 Pool Name <u>W710CAT, SALADITA (OTL)</u>		
4 Property Code <u>15864</u>		5 Property Name <u>HERMANA FEDERAL</u>			6 Well Number <u>1</u>	
7 GRID No. <u>10459</u>		8 Operator Name <u>HIGH PLAINS PETROLEUM CORPORATION</u>			9 Elevation <u>6360</u>	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	17	17 N	4 W		2150	North	1800	East	Sandoval

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres <u>40</u>		13 Joint or Infill		14 Consolidation Code		15 Order No.			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>16</p> <p>N 89° 38' W</p> <p>79.90 ch.</p> <p>2150'</p> <p>1800'</p> <p>39.77 ch.</p> <p>39.62 ch.</p> <p>39.64 ch.</p> <p>N 89° 57' W</p> <p>N 89° 35' W</p> <p>40.17 ch.</p> <p>40.21 ch.</p> <p>RECEIVED OCT 11 1994 OIL CON. DIV. DIST. 3</p> <p>RECEIVED SEP 30 1994 OIL CON. DIV. DIST. 3</p>				<p>17 OPERATOR 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><u>John B. Somers II</u> Signature <u>John B. Somers II</u> Printed Name <u>President</u> Title <u>October 6, 1994</u> Date</p>			
<p>18 SURVEYOR CERTIFICATION</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 belief.</p> <p><u>WILLIAM E. MAHANE</u> Date of Survey <u>SEP 30 1994</u> Signature and Seal of Professional Surveyor: <u>WILLIAM E. MAHANE</u> #8466 WILLIAM E. MAHANE II Certificate Number <u>8466</u></p>							

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY A.P.D.

Attached to Form 9-331C

High Plains Petroleum Corporation
Hermana Federal No. 1
2150' FNL & 1800' FEL
Sec. 17, T17N, R4W
Sandoval County, New Mexico

1. Existing Roads

- A. The proposed site and elevation plat is shown as Exhibit "A".
- B. Directions: Turn left (south) off of State Hwy. 197 onto N-7028, which is just west of the Torreon Trading Post. Proceed south 3 1/2 mi. on a gravel rd.. Bear to the left (south) when the gravel rd. turns west. Continue south approximately 2 1/2 miles. Turn left (east) on a well used two track rd.. Go 1/4 mi. and turn left (north) onto the access rd. to the location.
- C. All roads to location are indicated on Exhibit "E". Existing roads will be improved, or maintained in the same or better condition.
- D. Exploration wells, existing roads: See Exhibit "E".
- E. Development wells, existing roads: N/A
- F. Improvement and Maintenance: As needed

2. Planned Access Roads

The proposed access road, as shown in Exhibit "E" will be constructed as a one track road with a 8'-10' driving surface width. Road bed will be constructed of surrounding material. Grade will be consistent with local terrain. The proposed access road and location are entirely on Lease No. NM92142.

3. Location of Existing Wells

For all exists wells within one mile radius of development well, see Exhibit "E".

- (1) There are no known water wells within a one mile radius of this location.
- (2) There are three abandoned wells within a one mile radius of this location; Teton Exploration's Well No. 8-1425 in the NE/4SW/4 of Sec. 8 and Well No. 17-3346 in the SE/4NE/4 of Sec. 17 and El Pamco's Loma No. 2 in the NE/4SE/4 of Sec. 18.

HIGH PLAINS PETROLEUM CORPORATION
HERMANA FEDERAL #1
2150'FNL & 1800'FEL
Sec.17, T17N, R4W, NMPM
Sandoval Co., NM

EXHIBIT E