



PLAINS
PETROLEUM
OPERATING
COMPANY

April 19, 1994

Mr. Jerry Sexton
New Mexico Oil Conservation Division
P. O. BOX 1980
HOBBS, NM 88240

Re: Application to Drill
E. C. Hill 'B' Federal #11
1125' FSL & 520' FWL
Sec. 35M, T23S-R37E
Teague Devonian Pool
Lea County, New Mexico

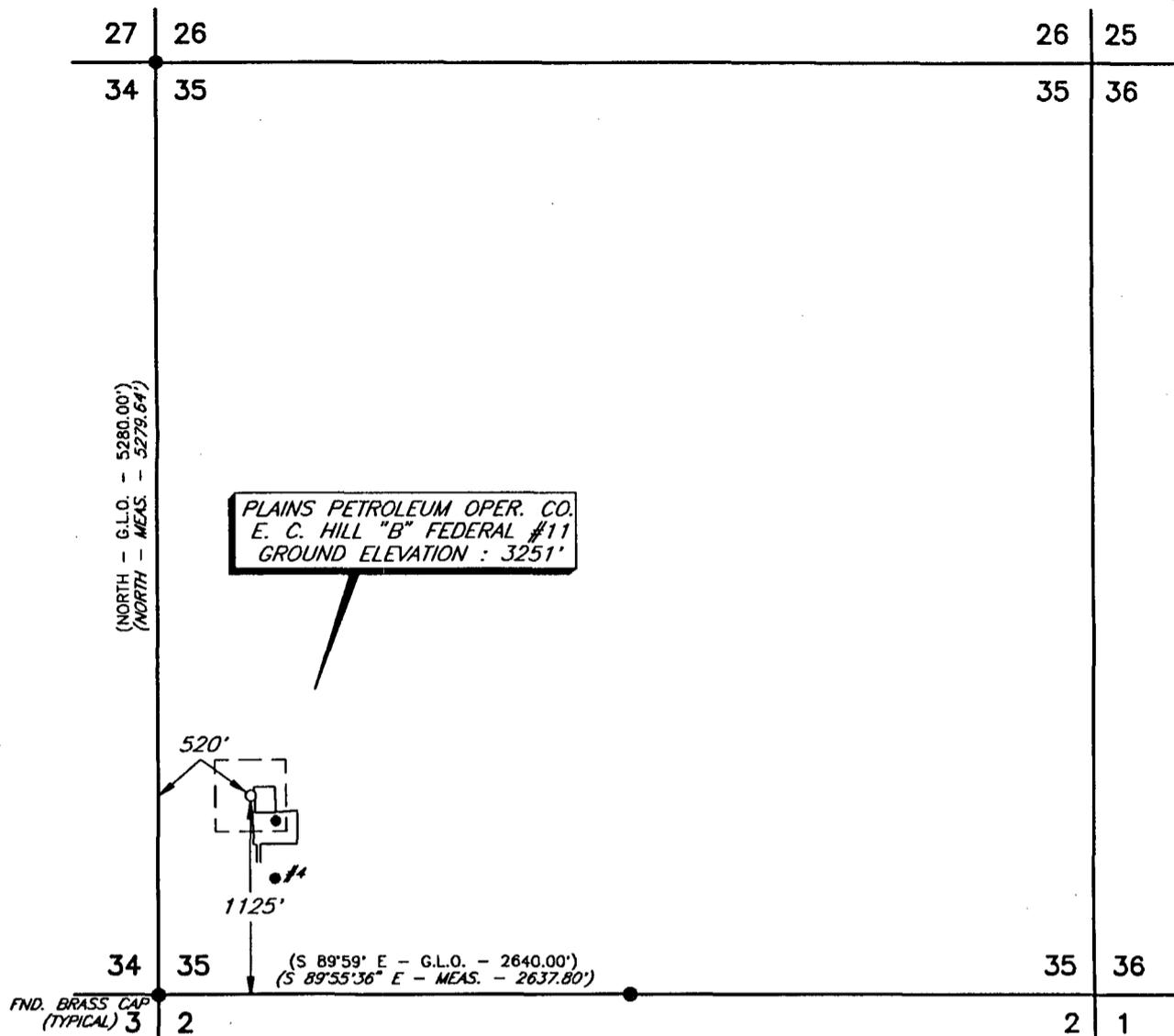
Dear Mr. Sexton:

Plains Petroleum Operating Company respectfully requests administrative approval for an unorthodox location for the referenced well. This location is unorthodox because, there are two (2) wellbores that occupy this 40 acre proration unit but these wellbores are in different producing formations/pools. An orthodox location within this proration unit requires the referenced well be moved 135' south. The existing E. C. Hill 'B' Federal #10 wellbore, located at 985' FSL & 660' FWL, Sec 34 T23S, R37E, completed in the Teague Simpson Pool @ 9943', and pumping unit are obstructing the layout required to position a drilling rig at the proposed site, as shown on the attached plat. The existing location was chosen based on positioning of drilling equipment and utilization of an existing drilling reserve pit that was used in drilling the E. C. Hill 'B' Federal #10, and also, the geological interpretation exhibits that the location should not be moved south. The proposed location is in the northern most position of the proration unit and thus would be less likely to drain any southern offset to another operator. Plains Petroleum Operating Company owns the acreage adjoining this proration unit to the north, east and west and would be the only operator affected by the positioning of this wellbore. Due to surface and geological conditions referred to above, Plains Petroleum Operating Company respectfully requests administrative approval for an unorthodox location of the referenced well.

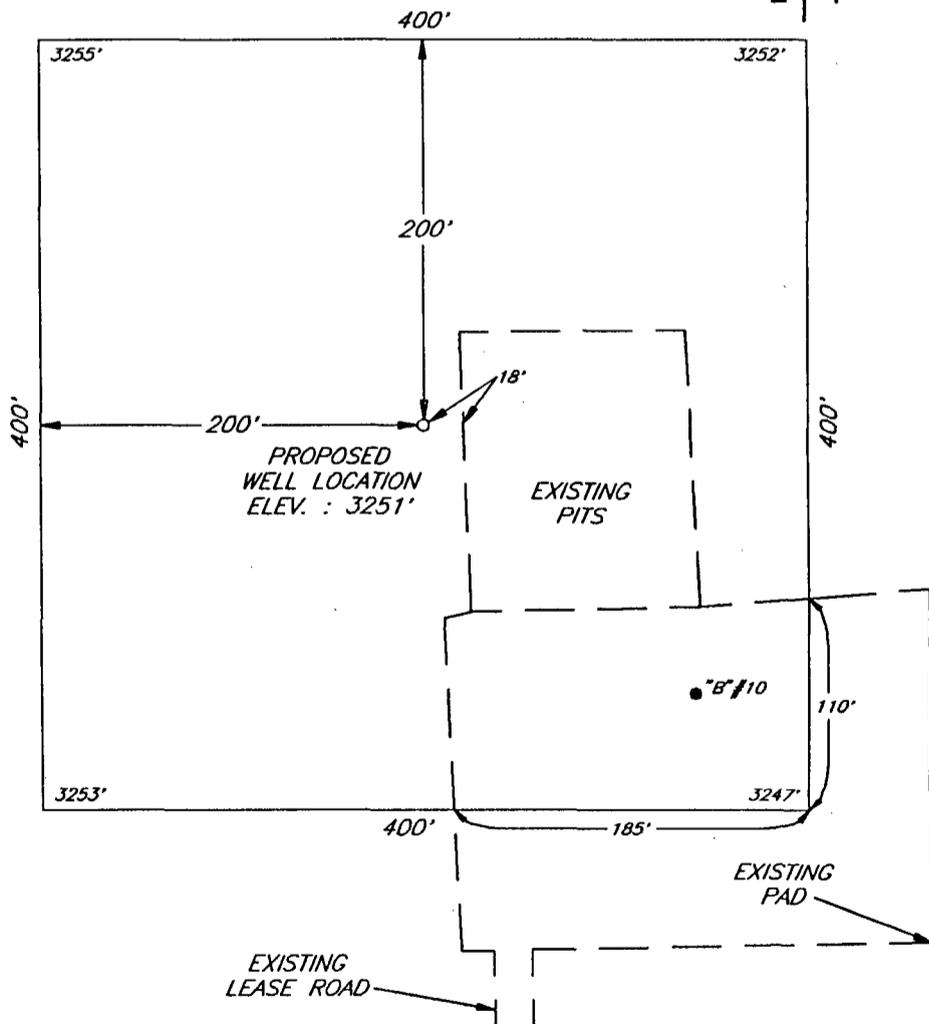
Sincerely yours,
PLAINS PETROLEUM OPERATING COMPANY

Dominic J. Bazile
Area Engineer

PLAT SHOWING PROPOSED
WELL LOCATION AND LEASE ROAD IN
SECTION 35, T-23-S, R-37-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



PLAN VIEW
1" = 1000'



DETAIL VIEW
1" = 100'

NO.	REVISION	DATE	BY
SURVEYED BY:		S.M.	
DRAWN BY:		V.H.B.	
APPROVED BY:		V.L.B.	

PLAINS PETROLEUM OPER. CO.
MIDLAND, TEXAS
SURVEYING AND MAPPING BY
TOPOGRAPHIC LAND SURVEYORS
MIDLAND, TEXAS

SCALE: AS SHOWN
DATE: NOVEMBER 12, 1993
JOB NO.: 30130
48 SW
SHEET : 1 OF 1

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 HOBBS, NEW MEXICO 88240
 BUREAU OF LAND MANAGEMENT

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
 Plains Petroleum Operating Company

3. ADDRESS OF OPERATOR
 415 W. Wall, Suite 1000, Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface
 Unit M, 1125' FSL & 520' FWL
 At proposed prod. zone

5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 10.3 Miles NE of Jal, New Mexico

6. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any)
 520'

7. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 200

8. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3251' GR

5. LEASE DESIGNATION AND SERIAL NO.
 LC 064118
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 7. UNIT AGREEMENT NAME
 8. FARM OR LEASE NAME
 E. C. Hill 'B' Federal
 9. WELL NO.
 #11
 10. FIELD AND POOL, OR WILDCAT
 Teague Blinbery (Devonian)
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec 35 (M) T23S, R37E
 12. COUNTY OR PARISH
 Lea
 13. STATE
 NM

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

20. ROTARY OR CABLE TOOLS
 Rotary

22. APPROX. DATE WORK WILL START*
 As Soon As Possible

13. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8" H-40	48# H40 ST&C	350'	375 sx Circulate
12-1/4"	8-5/8" J-55	24#, 32# ST&C	±3000'	550 sx Circulate
7-7/8"	5-1/2" J-55	15.5#, 17#LT&C	±7750'	705 sx Circulate (tie back)

We propose to drill this well through the Devonian and complete as a Devonian producer.

Mud Program:
 0' - 350' Spud mud, FW, gel
 350' - 3000' Brine & native mud, mud wt. 10-10.2 ppg, vis 26-28, SW gel for logs
 3000' - 7750' Fresh water gel 8.6 - 9.2 ppg - vs 28-35

BOP: A 3000 psi Shaffer double hydraulic operated will be used and tested at installation, drill out, and each time they are removed or rearranged. BOP used as a mud system.

OPER. CONTROL NO.
 PROPERTY NO.
 POOL CODE
 EFF. DATE
 AP. NO.

9. 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 recenter program, if any.

SIGNED Dominic May 6 TITLE Area Engineer DATE 3/3/94

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE APR 14 1994
 APPROVED BY (ORIG. SGD.) RICHARD L. MANUS TITLE AREA MANAGER DATE _____

CONDITIONS OF APPROVAL, IF ANY:
 APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN INSTRUCTIONS ON REVERSE SIDE LEASE WHICH WOULD ENTITLE THE APPLICANT TO

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

10. CONSTRUCTION OF WELL makes it a crime for any person (and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OIL CONSERVATION DIVISION

P. O. Box 2088

Santa Fe, New Mexico 87504-2088

80
88240

DISTRICT II
F. O. Drower DD
Artesia, NM 88210

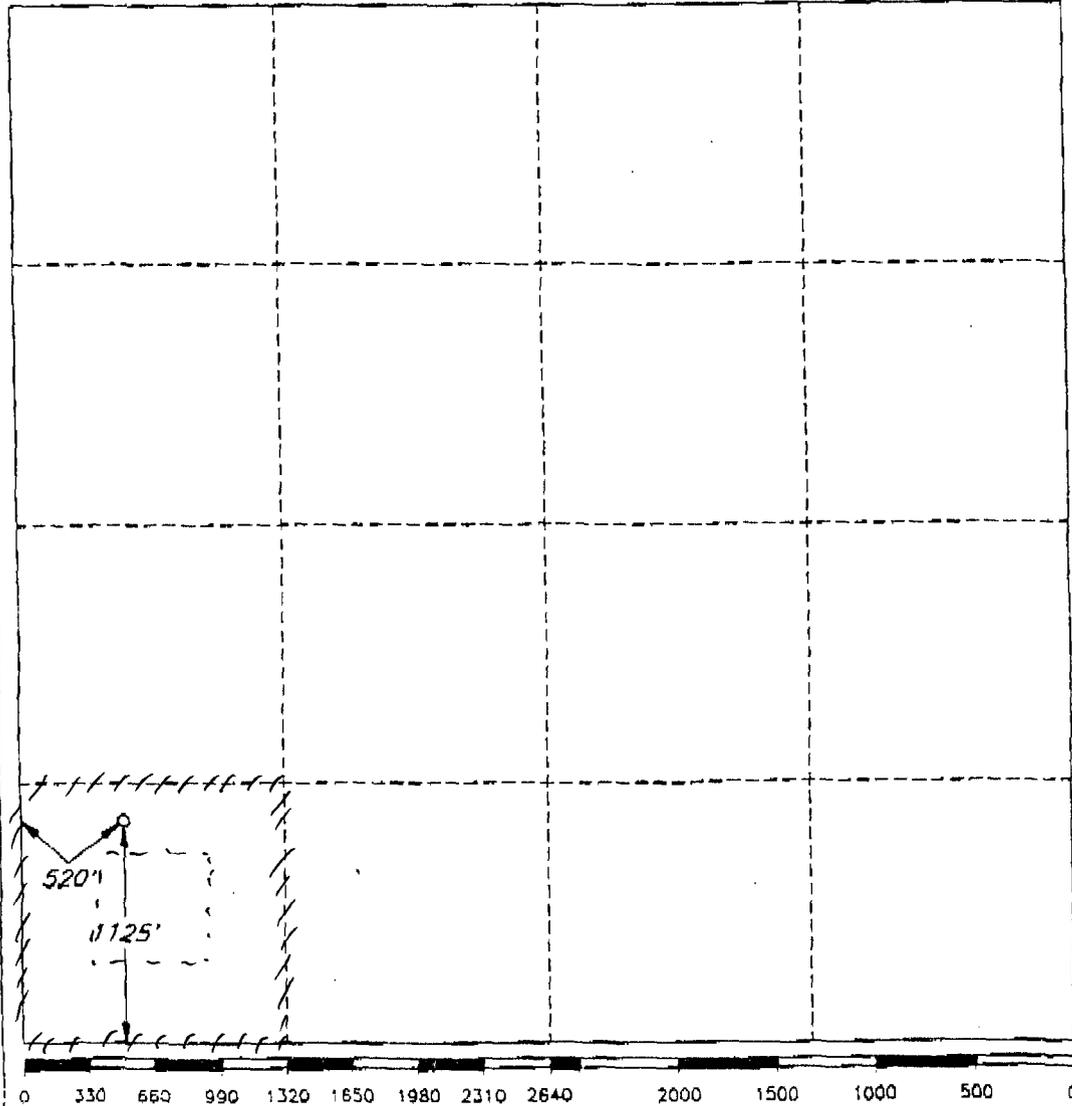
DISTRICT III
1000 Rio Brazos Rd
Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Operator PLAINS PETROLEUM OPER. CO.			Lease E. C. HILL 'B' FEDERAL			Well No. 11		
Unit Letter M	Section 35	Township 23 SOUTH	Range 37 EAST, N.M.P.M.	County LEA				
Actual Footage Location of Well 1125 feet from the SOUTH line and 520 feet from the WEST line								
Ground Level Elev. 3251'	Producing Formation Devonian			Pool Teague	575		40 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all the owners been consolidated by communitization, unitization, forced-pooling, etc.?
 - Yes No If answer is "yes", type of consolidation _____
 - If the answer is "no", list the owners and tract descriptions which have actually been consolidated. (Use the 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 interest, has been approved by the division.



OPERATOR CERTIFICATION

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

Signature: *Dominic J. Bazile*

Printed Name: **Dominic J. Bazile**

Position: **Area Engineer**

Company: **Plains Petro Oper Co.**

Date: **March 3, 1994**

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes actual surveys made by me under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed: **NOVEMBER 12, 1982**

Signature and Seal of Professional Surveyor: *V. L. Beznar*

Certificate No.: **BEZNER NO. 7928**

Certification No.: **NEW MEXICO SURVEYOR V. L. BEZNER P.S. #7**

V.H.B. / 30130 / 45SW

125530

November 1983) N.M. OIL (formerly 9-331C)

UNITED STATES DEPARTMENT OF THE INTERIOR HOBBS, NEW MEXICO BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

NAME OF OPERATOR Plains Petroleum Operating Company

ADDRESS OF OPERATOR 415 W. Wall, Suite 1000, Midland, TX 79701

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface Unit M, 1125' FSL & 520' FWL At proposed prod. zone

DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10.3 Miles NE of Jal, New Mexico

DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 520'

DISTANCE FROM PROPOSED* LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200

ELEVATIONS (Show whether DF, RT, GR, etc.) 3251' GR

5. LEASE DESIGNATION AND SERIAL NO. LC 064118
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME E. C. Hill 'B' Federal
9. WELL NO. #11
10. FIELD AND POOL, OR WILDCAT Teague Blinebry (Devonian)
11. SEC., T., R. M., OR BLK. AND SURVEY OR AREA Sec 35 (M) T23S, R37E
12. COUNTY OR PARISH Lea
13. STATE NM

18. NO. OF ACRES IN LEASE 520
17. NO. OF ACRES ASSIGNED TO THIS WELL 40

19. PROPOSED DEPTH ±7750'
20. ROTARY OR CABLE TOOLS Rotary

22. APPROX. DATE WORK WILL START* As Soon As Possible

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 7-1/2", 2-1/4", and 7-7/8" hole sizes with corresponding casing and cement details.

We propose to drill this well through the Devonian and complete as a Devonian producer.

Mud Program: 0' - 350' Spud mud, FW, gel
350' - 3000' Brine & native mud, mud wt. 10-10.2 ppg, vis 26-28, SW gel for logs
3000' - 7750' Fresh water gel 8.6 - 9.2 ppg - vs 28-35

BOP: A 3000 psi Shaffer double hydraulic operated will be used and tested at installation, drill out, and each time they are removed or rearranged. BOP used as a mud system.

OPER. CONFINING NO.
PROPERTY NO.
POOL CODE
EFF. DATE
AP. NO.

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 center program, if any.

SIGNED [Signature] TITLE Area Engineer DATE 3/3/94

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE APR 14 1994
(ORIG. SGD.) RICHARD L. MANUS AREA MANAGER

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: APPROVAL OF THIS APPLICATION DOES NOT WARRANT OR CERTIFY THAT THE APPLICANT HOLDS LEGAL OR EQUITABLE TITLE TO THOSE RIGHTS IN THE LEASE WHICH WOULD ENTITLE THE APPLICANT TO... APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Section 1804 of the Federal Oil and Gas Operations Act makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fraudulent, or misleading statements or representations as to any matter within its jurisdiction.



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

RECEIVED

OIL CONSERVATION DIVISION

'94 MAY 2 AM 8 50 HOBBS DISTRICT OFFICE

4-26-94

BRUCE KING
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

- MC _____
- DHC _____
- NSL X _____
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

Plains Pet. Oper. Co. E.C. Hill B Fed. #1-M 35-235-37E
 Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,

Jerry Sexton

Jerry Sexton
Supervisor, District 1

/ed