



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

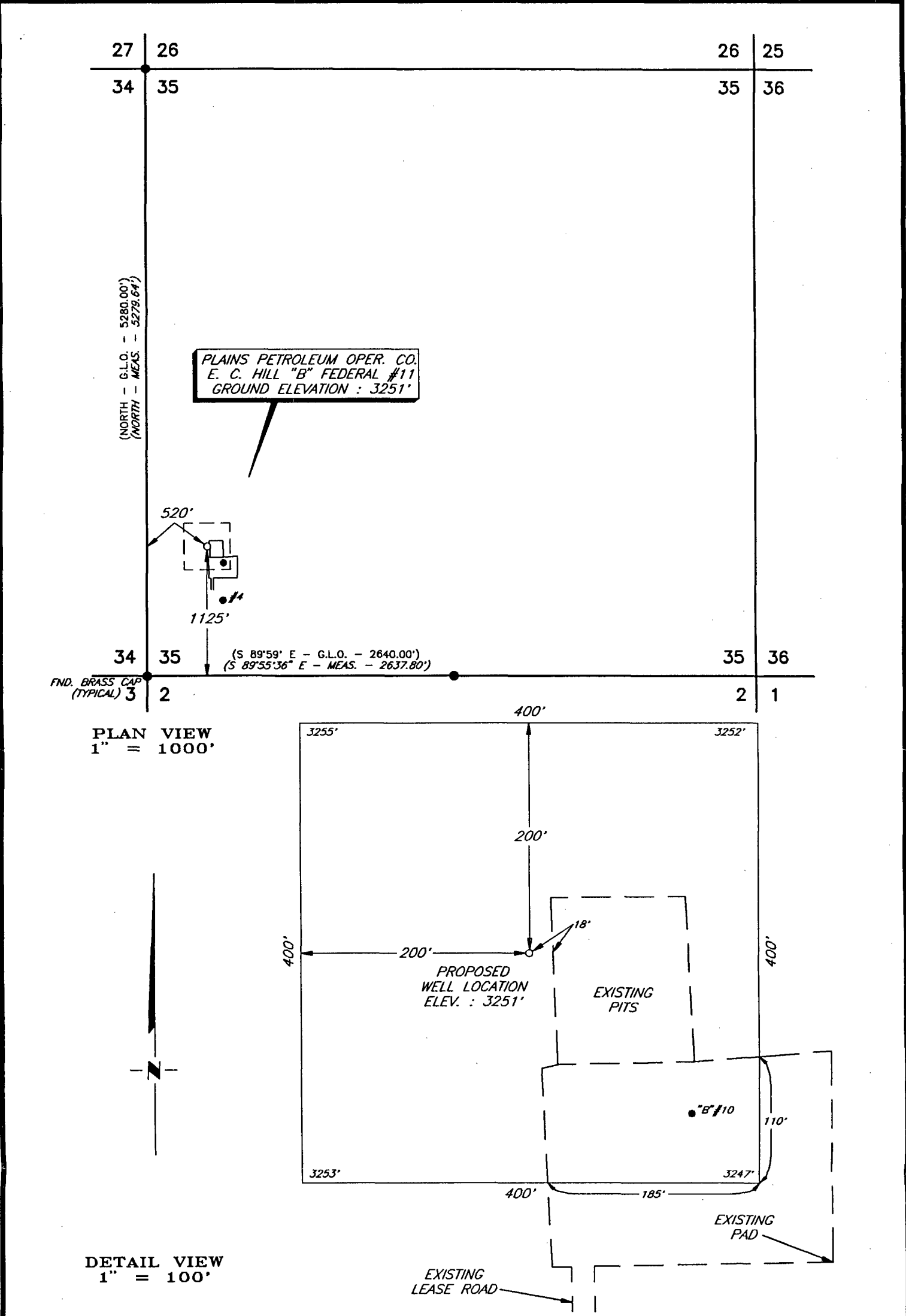
Dear Mr. Sexton:

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



| | | | | | |
|---------------------|----------|---|----|---|-------------------------|
| | | | | PLAINS PETROLEUM OPER. CO. <i>MIDLAND, TEXAS</i> | SCALE: AS SHOWN |
| | | | | | DATE: NOVEMBER 12, 1993 |
| NO. | REVISION | DATE | BY | | JOB NO.: 30130 |
| SURVEYED BY: S.M. | | SURVEYING AND MAPPING BY TOPOGRAPHIC LAND SURVEYORS <i>MIDLAND, TEXAS</i> | | | |
| DRAWN BY: V.H.B. | | | | | 48 SW |
| APPROVED BY: V.L.B. | | | | | SHEET : 1 OF 1 |

880
88240

OIL CONSERVATION DIVISION

P. O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P. O. Drawer DD
Artesia, NM 88210DISTRICT 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 |

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 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 CERTIFICATE

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

Signature

*Dominic J. Bazile*Printed Name
Dominic J. BazilePosition
Area EngineerCompany
Plains Petro Oper CoDate
March 3, 1994

SURVEYOR CERTIFICATE

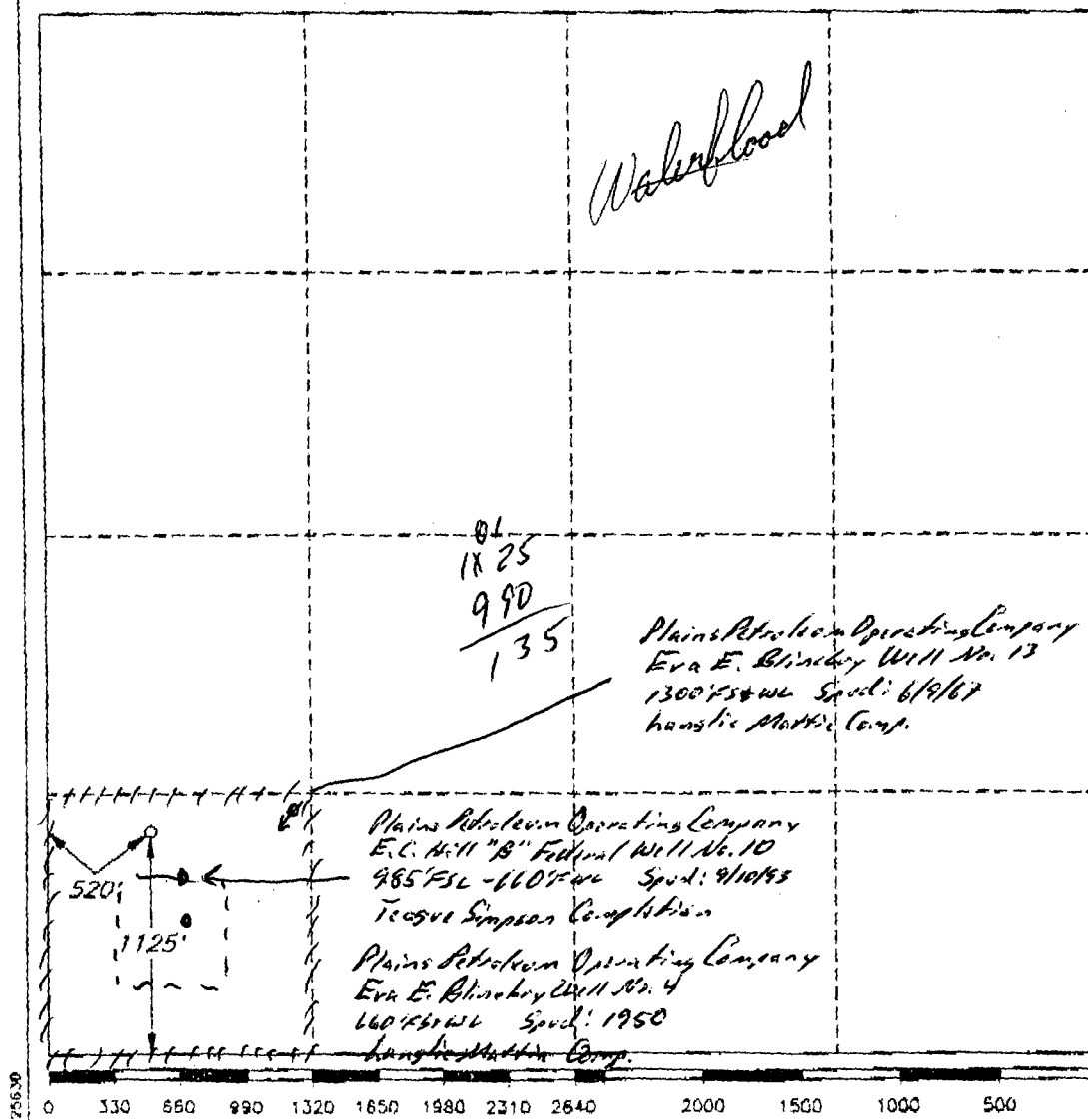
I hereby certify that the well location shown on this plat was plotted from field actual surveys made by me under my supervision, the same is true and correct to the best of my knowledge and belief.

Date Surveyed
NOVEMBER 12, 1993

Signature and Seal of Professional Surveyor

BEZNE NO. 79

Certificate of Survey

V. L. BEZNER**V.H.B. / 30130 /**

04/19/94 14:58
(formerly 9-331C)

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
HOBBS, NEW MEXICO 88240

HOBBS OIL CONSRN
(Turner instructions on reverse side)

SANTA FE
Budget Bureau No. 1004-0135
Expires August 31, 1985

002

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. LC 064118 | |
| 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 Plains Petroleum Operating Company | | 7. UNIT AGREEMENT NAME | |
| 3. ADDRESS OF OPERATOR 415 W. Wall, Suite 1000, Midland, TX 79701 | | 8. FARM OR LEASE NAME E. C. Hill 'B' Federal | |
| 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 | | 9. WELL NO. #11 | |
| 10. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 10.3 Miles NE of Jal, New Mexico | | 10. FIELD AND POOL, OR WILDCAT Teague Blinbry (Devonian) | |
| 11. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 520' | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 35 (M) T23S, R37E | |
| 12. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 200 | | 12. COUNTY OR PARISH Lea | |
| 13. ELEVATIONS (Show whether DF, RT, GR, etc.) 3251' GR | | 13. STATE NM | |
| 14. NO. OF ACRES IN LEASE 520 | | 17. NO. OF ACRES ASSIGNED TO THIS WELL 40 | |
| 15. PROPOSED DEPTH ±7750' | | 20. ROTARY OR CABLE TOOLS Rotary | |
| 22. APPROX. DATE WORK WILL START* As Soon As Possible | | | |

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.

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 recorder program, if any.

SIGNED Dan May 6 TITLE Area Engineer DATE 3/3/94
(This space for Federal or State office use)

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

title 18 U.S.C. § 1001 makes it a crime for any person knowingly 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

DISTRICT II

P. O. Drawer DD
Artesia, NM 88210

DISTRICT III

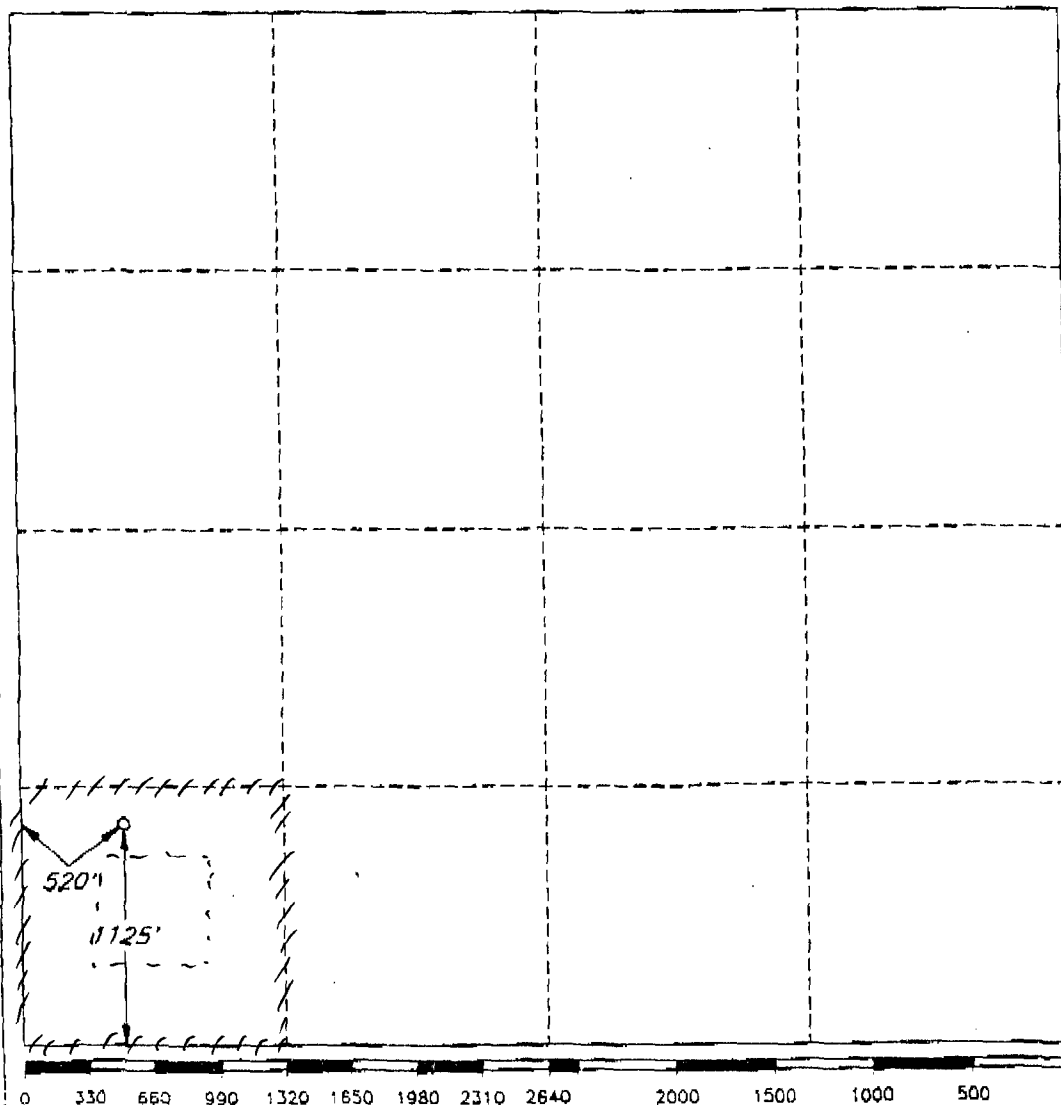
1000 Rio Brazos Rd
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| Unit Letter M | Section 35 | Township 23 SOUTH | Range 37 EAST, N.M.P.M. | County LEA | |
| Actual Footage Location of Well 1125 feet from the SOUTH line and 520 feet from the WEST line | | | | | |
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☐ 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.) _____
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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, 1993
Signature and Seal of Professional Surveyor
LYNN BEZNER NO. 7920
Certificate Number
V. L. BEZNER S. #7
V.H.B. / 30130 / 45SW

125530

04/19/94 14:51 51 505 393 0720

HOBBS OIL CONSRN

SANTA FE

002

N.M. OIL CO. (formerly 9-331C)

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

(Leave instructions on reverse side)

BUDGET BUREAU NO. 1004-0136
Expires August 31, 1985

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐TYPE OF WELL OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐NAME OF OPERATOR
Plains Petroleum Operating CompanyADDRESS OF OPERATOR
415 W. Wall, Suite 1000, Midland, TX 79701LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
Unit M, 1125' FSL & 520' FWL
At proposed prod. zoneDISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
10.3 Miles NE of Jal, New MexicoDISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drg. 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' GR18. NO. OF ACRES IN LEASE
52019. PROPOSED DEPTH
±7750'17. NO. OF ACRES ASSIGNED TO THIS WELL
4020. ROTARY OR CABLE TOOLS
Rotary22. APPROX. DATE WORK WILL START*
As Soon As Possible

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| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|-----------------------------|
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 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
 PROPERTY NO.
 POOL CODE
 EFF. DATE
 APINO.

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 Dan J. May 6 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 TITLE AREA MANAGER

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
 See Instructions On Reverse Side

APPROVAL SUBJECT TO
 GENERAL REQUIREMENTS AND
 SPECIAL STIPULATIONS
 ATTACHED

Under the laws of the United States of America, it is a crime for any person knowingly 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.



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
Supervisor, District 1

/ed