



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS  
GOVERNOR

7-5-90

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 \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX X \_\_\_\_\_  
PMX \_\_\_\_\_

7  
✓ Sec. 19 #15-C 19-~~8~~-36  
Sec. 25 #8-H 25-7-35  
Sec. 25 #15-C 25-7-35  
Sec. 29 #11-K 29-7-36  
Sec. 30 #3-C 30-7-36  
Sec. 30 #7-D 30-7-36  
Sec. 30 #11-K 30-7-36  
Sec. 31 #11-K 31-7-36  
Sec. 35 #7-D 35-7-35

Gentlemen:

I have examined the application for the:

Plains Petroleum Co. Joint Lease & Unit

Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

Sec. 35 #9-I 35-7-35  
Sec. 36 #5-E 36-7-35  
Sec. 36 #10-F 36-7-35

OK for inf we had did not get inf. on  
PEA wells

Yours very truly,

Jerry Sexton  
Supervisor, District 1

/ed

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage  
Application qualifies for administrative approval? ☐ yes ☐ no

II. Operator: Plains Petroleum Operating Company

Address: 415 W. Wall, Suite 2110 Midland, Texas 79701

Contact party: Steve Owen Phone: (915) 683-4434

III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.

IV. Is this an expansion of an existing project? ☒ yes ☐ no  
If yes, give the Division order number authorizing the project R-6677.

V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.

\* VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.

VII. Attach data on the proposed operation, including:

300 BPD/per well  
Closed  
1300-1600

1. Proposed average and maximum daily rate and volume of fluids to be injected;  
2. Whether the system is open or closed;  
3. Proposed average and maximum injection pressure;  
4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and  
5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).

\*VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.

IX. Describe the proposed stimulation program, if any.

\* X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)

\* XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.

XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.

XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.

XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Bonnie Husband Title: Engineering Tech

Signature: Bonnie Husband Date: July 2, 1990

\* If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal. Submitted with original project March 25, 1981

## SECTION WELL DATA SHEET

Plains Petroleum Operating Company

Todd Lower San Andres Unit Sec. 19

OPERATOR

LEASE

15-0  
WELL NO.

660 FSL &amp; 1980' FEL

Sec. 19, T8S, R36E

FOOTAGE LOCATION

SECTION

TOWNSHIP

RANGE

SchematicTabular DataSurface CasingSize 8-5/8" " Cemented with 250 sx.

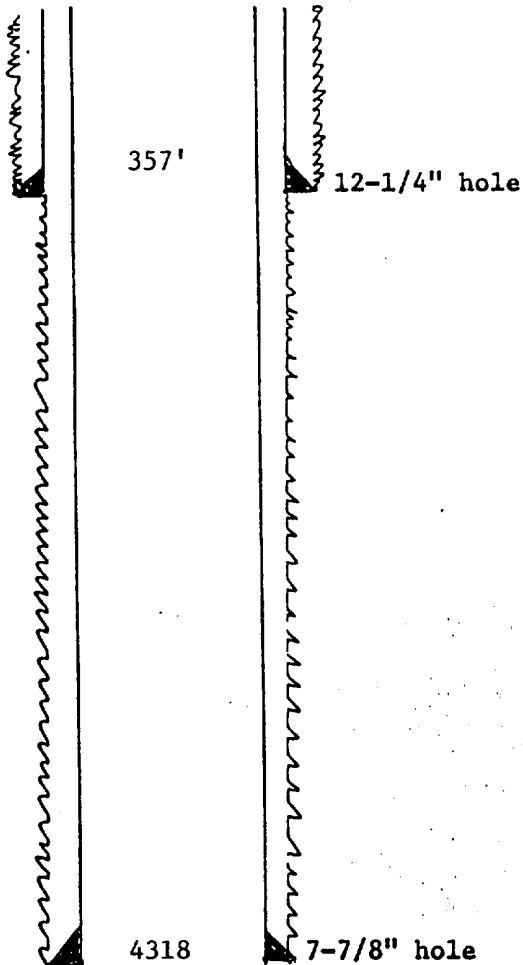
TOC \_\_\_\_\_ feet determined by \_\_\_\_\_

Hole size 12-1/4"Intermediate Casing

Size \_\_\_\_\_ " Cemented with \_\_\_\_\_ sx.

TOC \_\_\_\_\_ feet determined by \_\_\_\_\_

Hole size \_\_\_\_\_

Long stringSize 4-1/2" " Cemented with 350 sx.TOC 3150 feet determined by \_\_\_\_\_Hole size 7-7/8"Total depth 4318 PBTD 4287'Injection interval4235 feet to 4280 feet  
(perforated or open-hole, indicate which)Tubing size 2-3/8" lined with plastic coated set in a  
(material)ARLington Elder Lockset packer at 4164 feet  
(brand and model)

(or describe any other casing-tubing seal).

Other Data1. Name of the injection formation San Andres2. Name of Field or Pool (if applicable) Lower San Andres Associated3. Is this a new well drilled for injection? ☐ Yes ☒ NoIf no, for what purpose was the well originally drilled? producing oil well

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail (sacks of cement or bridge plug(s) used) \_\_\_\_\_

5. Give the depth to and name of any overlying and/or underlying oil or gas zones (pools) in this area. \_\_\_\_\_

P1 45'