

| | | | | | |
|--------------------|----------|---------------------|----------------------|-------------|---------------------|
| DATE IN 4/15/08 | SUSPENSE | ENGINEER W Jones | LOGGED IN 4/15/08 | TYPE SWD | APP NO. PKUR0800 |
|--------------------|----------|---------------------|----------------------|-------------|---------------------|

0810652598

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] **[NSP-Non-Standard Proration Unit]** **[SD-Simultaneous Dedication]**
[DHC-Downhole Commingling] **[CTB-Lease Commingling]** **[PLC-Pool/Lease Commingling]**
[PC-Pool Commingling] **[OLS - Off-Lease Storage]** **[OLM-Off-Lease Measurement]**
[WFX-Waterflood Expansion] **[PMX-Pressure Maintenance Expansion]**
[SWD-Salt Water Disposal] **[IPI-Injection Pressure Increase]**
[EOR-Qualified Enhanced Oil Recovery Certification] **[PPR-Positive Production Response]**

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☒ SWD ☐ IPI ☐ EOR ☐ PPR

[D] Other: Specify _____

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply

[A] ☒ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☒ Application is One Which Requires Published Legal Notice

[D] ☒ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☒ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

David Veltri

Print or Type Name

Signature

Production Manager

Title

Date

david.veltri@elpaso.com
e-mail Address

OER ID = 180514
30-2008-200-001
15 APR 15 PM 2:33
RECEIVED



EL PASO E & P COMPANY, L.P.
P.O. Box 190 - RATON, N.M. 87740

April 8, 2008

**New Mexico Oil Conservation Division
1220 South St. Frances
Santa Fe, NM 87505**

Attention: William Jones

**Re: VPR A 500
Salt Water Disposal Application for Authority to Inject**

Dear NMOCD:

Please find attached the "Amended " C-108 Application for Authority to Inject" and the documents that show the added injection zones to the VPR A 500. We also resubmitted a "Notice of Application for Fluid Injection" article in our local newspaper, The Raton Range. We will send you the published article clipping, and await your final instructions and/or approval.


Respectfully,

A handwritten signature in black ink, appearing to read "David Veltri", with a long horizontal stroke extending to the right.

**David Veltri
Production Manager
El Paso Energy Raton**

**DV:sam
Attachments (C-108 Form)**

APPLICATION FOR AUTHORIZATION TO INJECT

- I. PURPOSE: _____ Secondary Recovery _____ Pressure Maintenance ☒ Disposal _____ Storage
Application qualifies for administrative approval? _____ Yes _____ No
- II. OPERATOR: EL PASO E & P COMPANY, L.P.
ADDRESS: PO BOX 190 RATON, NEW MEXICO 87740
CONTACT PARTY: DAVID VELTRI PHONE: (505) 445-6721
- 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: _____
- 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:
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 geologic data on the injection zone including appropriate lithologic detail, geologic 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 sources 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 sources 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: DAVID VELTRI TITLE: PRODUCTION MANAGER
SIGNATURE:  DATE: 8/8/08
E-MAIL ADDRESS: david.veltri@elpaso.com
- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be resubmitted. Please show the date and circumstances of the earlier submittal: _____

III. WELL DATA

- A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; Location by Section, Township and Range; and footage location within the section.
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth.
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used.

Division District Offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

- B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name.
- (2) The injection interval and whether it is perforated or open-hole.
- (3) State if the well was drilled for injection or, if not, the original purpose of the well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations.
- (5) Give the depth to and the name of the next higher and next lower oil or gas zone in the area of the well, if any.

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) The intended purpose of the injection well; with the exact location of single wells or the Section, Township, and Range location of multiple wells;
- (3) The formation name and depth with expected maximum injection rates and pressures; and,
- (4) A notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, 1220 South St. Francis Dr., Santa Fe, New Mexico 87505, within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

INJECTION WELL DATA SHEET

OPERATOR: EL PASO E & P COMPANY, L.P.
 WELL NAME & NUMBER: VPR A 500

WELL LOCATION: 332 FSL & 2549 FEL O 30 31N 21E
 FOOTAGE LOCATION UNIT LETTER SECTION TOWNSHIP RANGE

WELLBORE SCHEMATIC

(SEE ATTACHMENT A)

WELL CONSTRUCTION DATASurface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8"
 Cemented with: 230 sx. or 350 ft³
 Top of Cement: Surface Method Determined: _____

Intermediate Casing

Hole Size: 12 1/4" Casing Size: 9 5/8"
 Cemented with: 580 sx. or 3,970 ft³
 Top of Cement: Surface Method Determined: _____

Production Casing

Hole Size: 8 3/4" Casing Size: 7 "
 Cemented with: 880 sx. or 6,815 ft³
 Top of Cement: Surface Method Determined: _____

Total Depth: 7122'

AMENDED Injection Interval(s)
Dakota 5,452' to 5,617' Perforated
Entrada 5,982' to 6,065' Perforated
Glorietta 6,427' to 6,568' Perforated

(Perforated or Open Hole; indicate which)

INJECTION WELL DATA SHEET

Tubing Size: 3 1/2" / 2 7/8" Lining Material: _____

Type of Packer: PDC drillable float shoe. PDC drillable float collar. Thread Lock all float equipment.
Install bow spring centralizers on the bottom 3 joints of casing and every third joint thereafter.

Packer Setting Depth: _____

Other Type of Tubing/Casing Seal (if applicable): _____

Additional Data

1. Is this a new well drilled for injection? X Yes No

If no, for what purpose was the well originally drilled? _____

2. Name of the Injection Formation: Dakota, Entrada, and Glorietta Sandstone

3. Name of Field or Pool (if applicable): Vermejo Park Ranch

4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. No

5. Give the name and depths of any oil or gas zones underlying or overlying the proposed injection zone in this area: _____

The Raton and Vermejo coal beds overlay the area of the proposed well. They will be sealed from the wellbore by 9 5/8" intermediate and 7" casing.



Drilling Schematic

| | |
|---|--|
| Company Name: El Paso Exploration & Production Well Name: VPR A 500 WDW Field, County, State: VPR, Colfax, NM Surface Location: _____ Objective Zone(s): Glorieta Rig: _____ BOPE Info: _____ | Date: April 9, 2008 TD: 6,715 AFE #: _____ BHL: Straight Hole Elevation: _____ Spud (est.): _____ |
|---|--|

| | | | MECHANICAL | | |
|------|--------------|----------------|------------|------------------------|-----------------|
| LOGS | TOPS | DEPTH | HOLE SIZE | CASING SIZE | MUD WEIGHT |
| | Raton | 0 | | | |
| | | 350 ' MD/TVD | 17-1/2" | 13 3/8" 48ppf H-40 STC | 8.3-8.7 WBM |
| | Vermejo | 1,877 | 12-1/4" | 9-5/8" 40ppf J-55 LTC | 8.3-8.8 ppg WBM |
| | Trinidad SS | 1,955 | TOC 1600 | | |
| | Pierre | 2,075 | | | |
| | | 3,229 ' MD/TVD | | | |
| | Niobrara | 3,505 | | | |
| | Niobrara B | 4,305 | | | |
| | Niobrara C | 4,790 | 8-3/4" | 7" 26ppf P-110 LTC | 8.3-8.8 ppg WBM |
| | Fort Hays | 5,025 | | | |
| | Carlisle | 5,050 | | | |
| | Bridge Creek | 5,220 | | | |
| | Dakota | 5,473 | | | |
| | Morrison | 5,603 | | | |
| | Entrada | 5,968 | | | |
| | Glorieta | 6,333 | | | |
| | | 6,715 ' MD/TVD | | | |

DRILLING PROGRAM**CASING PROGRAM**

| | SIZE | INTERVAL | WT. | GR. | CPLG. | DESIGN FACTORS | | |
|--------------|---------|------------|-----|-------|-------|----------------|----------|---------|
| | | | | | | BURST | COLLAPSE | TENSION |
| SURFACE | 13 3/8" | 0 - 350 | 48 | H-40 | STC | 1,730 | 740 | 322 |
| | | | | | | 21.45 | 4.52 | 7.51 |
| | | | | | | 3,950 | 2,570 | 453 |
| INTERMEDIATE | 9-5/8" | 0 - 3229 | 40 | J-55 | LTC | 2.40 | 1.70 | 1.98 |
| | | | | | | 9,950 | 6,230 | 639 |
| | | | | | | 1.39 | 1.98 | 2.33 |
| PRODUCTION | 7" | 0 - 6714.6 | 26 | P-110 | LTC | | | |

| CEMENT PROGRAM | | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|----------------|------|-------------|-------------------------|-------|--------|--------|---------|
| | | | | | | ppg | cuft/sk |
| SURFACE | | 350 | Trinidad Surface Cement | 230 | 50% | 14 | 1.65 |
| INTERMEDIATE | Lead | 2,729 | Foamed elastiseal | 850 | | 9.0 | 1.43 |
| | Tail | 500 | Unfoamed elastiseal | 130 | | 13.0 | 1.43 |
| PRODUCTION | Lead | 5,115 | Foamed tuned lite | 95 | | 7.00 | 7.62 |

FLOAT EQUIPMENT & CENTRALIZERS

| | |
|--------------|--|
| SURFACE | PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing. |
| INTERMEDIATE | PDC drillable float shoe, 2 joints casing, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter. |
| PRODUCTION | PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints and 1 every 3rd joint up to TOC thereafter. |

PROJECT ENGINEER(S): Alex Erhardt

MANAGER: David Veltri



Drilling Schematic

| | |
|---|--|
| Company Name: El Paso Exploration & Production Well Name: VPR A 500 WDW Field, County, State: VPR, Colfax, NM Surface Location: _____ Objective Zone(s): Glorieta Rig: _____ BOPE Info: _____ | Date: April 9, 2008 TD: 6,715 AFE #: _____ BHL: Straight Hole Elevation: _____ Spud (est.): _____ |
|---|--|

| | | | MECHANICAL | | |
|------|--------------|----------------|------------|------------------------|-----------------|
| LOGS | TOPS | DEPTH | HOLE SIZE | CASING SIZE | MUD WEIGHT |
| | Raton | 0 | | | |
| | | 350 ' MD/TVD | 17-1/2" | 13 3/8" 48ppf H-40 STC | 8.3-8.7 WBM |
| | Vermejo | 1,877 | 12-1/4" | 9-5/8" 40ppf J-55 LTC | 8.3-8.8 ppg WBM |
| | Trinidad SS | 1,955 | TOC 1600 | | |
| | Pierre | 2,075 | | | |
| | | 3,229 ' MD/TVD | | | |
| | Niobrara | 3,505 | | | |
| | Niobrara B | 4,305 | | | |
| | Niobrara C | 4,790 | 8-3/4" | 7" 26ppf P-110 LTC | 8.3-8.8 ppg WBM |
| | Fort Hays | 5,025 | | | |
| | Carlisle | 5,050 | | | |
| | Bridge Creek | 5,220 | | | |
| | Dakota | 5,473 | | | |
| | Morrison | 5,603 | | | |
| | Entrada | 5,968 | | | |
| | Glorieta | 6,333 | | | |
| | | 6,715 ' MD/TVD | | | |

DRILLING PROGRAM**CASING PROGRAM**

| | | | | | | DESIGN FACTORS | | |
|--------------|---------|------------|-----|-------|-------|----------------|----------|---------|
| | SIZE | INTERVAL | WT. | GR. | CPLG. | BURST | COLLAPSE | TENSION |
| SURFACE | 13 3/8" | 0 - 350 | 48 | H-40 | STC | 1,730 | 740 | 322 |
| | | | | | | 21.45 | 4.52 | 7.51 |
| | | | | | | 3,950 | 2,570 | 453 |
| INTERMEDIATE | 9-5/8" | 0 - 3229 | 40 | J-55 | LTC | 2.40 | 1.70 | 1.98 |
| | | | | | | 9,950 | 6,230 | 639 |
| PRODUCTION | 7" | 0 - 6714.6 | 26 | P-110 | LTC | 1.39 | 1.98 | 2.33 |

| CEMENT PROGRAM | | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|----------------|------|-------------|-------------------------|-------|--------|--------|---------|
| | | | | | | ppg | cuft/sk |
| SURFACE | | 350 | Trinidad Surface Cement | 230 | 50% | 14 | 1.65 |
| INTERMEDIATE | Lead | 2,729 | Foamed elastiseal | 850 | | 9.0 | 1.43 |
| | Tail | 500 | Unfoamed elastiseal | 130 | | 13.0 | 1.43 |
| PRODUCTION | Lead | 5,115 | Foamed tuned lite | 95 | | 7.00 | 7.62 |

FLOAT EQUIPMENT & CENTRALIZERS

| | |
|--------------|--|
| SURFACE | PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing. |
| INTERMEDIATE | PDC drillable float shoe, 2 joints casing, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter. |
| PRODUCTION | PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints and 1 every 3rd joint up to TOC thereafter. |

PROJECT ENGINEER(S): Alex ErhardtMANAGER: David Veltri

**LEGAL NOTICE
OF
COMMUNITY
BUDGET HEARING**

Notice is hereby given pursuant to NM Statute 22-8-10, 1978, that Maxwell Municipal Schools Board of Education will have a community budget hearing on 4/10/08 at 7:00 p.m. in the Maxwell Central Office Board Room. Public input is requested.

Mary Lou Kern,
President

Legal No. 631308
Published in The
Raton Range:
March 28, April 1, 4
and 8, 2008.

**NOTICE OF APPLI-
CATION for Fluid
Injection Well Permit
Amendment**

El Paso E & P Company, L.P., 1001 Louisiana Street, Houston, Texas is seeking administrative approval from the New Mexico Oil Conservation Division to complete their Vermejo Park Ranch A 500 WDW,

located in Section 31 T31N, R21E Colfax County, Vermejo Park Ranch, New Mexico as water disposal well. The proposed injection zones will be the Dakota 5,452' - 5,617', the Estrada 5,982' - 6,065', and the Gloretha 6,427' - 6,568'. The El Paso E & P Company, L.P. intends to inject a maximum of 20,000

bbls of produced formation water per day per well at a maximum injection pressure of 1500 psi. Interested parties must file objections or request for hearing with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, NM 87505, within 15 days of this notice.

/s/David Veltri,
Production Manager
El Paso E & P
Company, L.P.
PO Box 190
Raton, NM 87740
(505) 445-6721
(505) 445-6788 fax

Legal No. 632408
Published in The
Raton Range: April
8, 11, 15, 18, 22 and
25, 2008.

**PROBATE COURT
COUNTY OF COL-
FAX
STATE OF NEW
MEXICO**

PROBATE NO.
2008-4997

**IN THE MATTER OF
THE ESTATE OF
BARNEY URTADO,
DECEASED.**

**NOTICE TO CREDI-
TORS**

NOTICE IS HEREBY

GIVEN that the undersigned has been appointed Personal Representative for this Estate. All persons having claims against the Estate are required to present their claim within two (2) months after the date of the first publication of this notice, or the claims will be forever barred. Claims must be presented either to the undersigned

Representative or her attorney, at the addresses shown below; or filed with the Colfax County Probate Court located at 200 North Third Street, Raton, New Mexico 87740.

Dated this 3rd day of April, 2008.

/s/Linda Lukenbach
20237 Evening
Breeze Drive
Walnut, California

Telephone 909-595-0077

**STAFFORD LAW
OFFICES**
Al Frydryk
PO Box 518
Raton, New Mexico
87740
(505) 445-0400
Attorney for Linda
Lukenbach

Legal No. 632508
Published in The
Raton Range: April
8 and 15, 2008.

King Crossword



SUBWAY CITIES



News You Won't



the School





the Home Kid





the School Kid



Baby Blues by Jerry Scott and Rick Kirkman

THE BACK

