

DATE IN 4/15/08	SUSPENSE	ENGINEER W Jones	LOGGED IN 4/15/08	TYPE SWD	APP NO. PKUR0800
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0810652598

1109-A

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		Production Manager	11/14/07
Print or Type Name	Signature	Title	Date
		david.veltri@elpaso.com	
		e-mail Address	

OER ID = 180514

26802-200-003

APR 15 2008

RECEIVED

PM 2 33



**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 line 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: 4/8/08

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.**

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**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 UNIT LETTER O SECTION 30 TOWNSHIP 31N RANGE 21E  
FOOTAGE LOCATION

WELLBORE SCHEMATIC

(SEE ATTACHMENT A)

WELL CONSTRUCTION DATA

Surface Casing

Hole Size: 17 1/2" Casing Size: 13 3/8"  
Cemented with: 230 sx. or 350 ft<sup>3</sup>  
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 ft<sup>3</sup>  
Top of Cement: Surface Method Determined: \_\_\_\_\_

Production Casing

Hole Size: 8 3/4" Casing Size: 7"  
Cemented with: 880 sx. or 6,815 ft<sup>3</sup>  
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?  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.):**

LOGS	TOPS	DEPTH	MECHANICAL		
			HOLE SIZE	CASING SIZE	MUD WEIGHT
Raton	0		17-1/2"	13 3/8" 48ppf H-40 STC	8.3-8.7 WBM
		350' MD/TVD			
Vermejo	1,877		12-1/4"	9-5/8" 40ppf J-55 LTC	8.3-8.8 ppg WBM
Trinidad SS	1,955				
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			

TOC 1600

**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
PRODUCTION	7"	0 - 6714.6	26	P-110	LTC	9,950	6,230	639
						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 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.): \_\_\_\_\_

LOGS	TOPS	DEPTH	MECHANICAL		
			HOLE SIZE	CASING SIZE	MUD WEIGHT
	Raton	0	17-1/2"	13 3/8" 48ppf H-40 STC	8.3-8.7 WBM
		350' MD/TVD			
	Vermejo	1,877	12-1/4"	9-5/8" 40ppf J-55 LTC	8.3-8.8 ppg WBM
	Trinidad SS	1,955			
	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			

TOC 1600

**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 21.45 3,950	740 4.52 2,570	322 7.51 453
INTERMEDIATE	9-5/8"	0 - 3229	40	J-55	LTC	2.40 9,950	1.70 6,230	1.98 639
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	Foamed elastiseal	850		9.0	1.43
	Tail	Unfoamed elastiseal	130		13.0	1.43
PRODUCTION	Lead	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

**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.**

**Baby Blues** by Jerry Scott and Rick Kirkman

**THE BACK**