

..Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. <b>30-007-20895</b>
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name <b>VPR B</b>
8. Well Number <b>179</b>
9. OGRID Number <b>180514</b>
10. Pool name or Wildcat <b>Van Bremmer - Vermejo Gas</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>7,792' (GL)</b>
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <b>Coalbed Methane</b>	
2. Name of Operator <b>EL PASO E &amp; P COMPANY, L.P.</b>	
3. Address of Operator <b>PO BOX 190, RATON, NM 87740</b>	
4. Well Location Unit Letter <b>K</b> : <b>1521</b> feet from the <b>South</b> line and <b>1465</b> feet from the <b>West</b> line Section <b>33</b> Township <b>30N</b> Range <b>19E</b> <b>NMPM</b> <b>Colfax</b> County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>7,792' (GL)</b>	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>	
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____	
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐  
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐  
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ P AND A ☐  
CASING/CEMENT JOB ☐

OTHER: ☐ Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work).  
SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

01/29/08 Perforation Depth 2,115 - 2116'. Pumped 335 sks cement. Circulated 44 bbl of cement to pit. ✓  
02/11/08 Weatherford ran CBL. Estimated top of cement at 210'.  
03/28/08 Weatherford perf'd 1<sup>st</sup> stage - 2020'-2023', 2029'-2037', 2067'-2070' 56 Holes  
HES Frac'd 1<sup>st</sup> stage - Pumped 360,887 scf 70% quality nitrogen with 21# Linear gel with 29,213 lbs 20/40 sand.  
Perf'd 2<sup>nd</sup> stage - 1838'-1843', 1953'-1956' 32 Holes  
Frac'd 2<sup>nd</sup> stage - Pumped 238,395 scf 70% quality nitrogen with 21# Linear gel with 16,537 lbs 20/40  
03/28/08 Perf'd 3<sup>rd</sup> stage - 1503'-1505', 1525'-1528', 1535'-1538', 1598'-1608' 72 Holes  
Frac'd 3<sup>rd</sup> stage - Pumped 255,602 scf 70% quality nitrogen with 21# linear gel foam with 29,671 lbs 20/40 sand.  
Perf'd 4<sup>th</sup> stage - 738'-742', 802'-805', 814'-817', 884'-888' 56 Holes  
Frac'd 4<sup>th</sup> stage - Pumped 283,049 scf 70% quality nitrogen with 21# linear gel foam with 27,907 lbs 20/40 sand.  
04/11/08 RIH tubing, rods and pump. Well is ready to be tested and put on production.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOC guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Shirley Mitchell TITLE Regulatory Analyst DATE 09/09/2008  
Type or print name Shirley A Mitchell E-mail address: shirley.mitchell@elpaso.com Telephone No. (505) 445-6785

For State Use Only

APPROVED BY: Ed Martin TITLE DISTRICT SUPERVISOR DATE 9/22/08  
Conditions of Approval (if any):

# HALLIBURTON

## Cementing Job Summary

*The Road to Excellence Starts with Safety*

<b>Sold To #:</b> 330719		<b>Ship To #:</b> UNKNOWN		<b>Quote #:</b>		<b>Sales Order #:</b> 5650455	
<b>Customer:</b> EL PASO PRODUCTION COMPANY				<b>Customer Rep:</b> Sena, Martin			
<b>Well Name:</b> VPRB		<b>Well #:</b> 179		<b>API/UWI #:</b> 30-007-20895			
<b>Field:</b> VERMEJO RANCH		<b>City (SAP):</b> UNKNOWN		<b>County/Parish:</b> Colfax		<b>State:</b> New Mexico	
<b>Job Purpose:</b> Squeeze Perfs							
<b>Well Type:</b> Development Well				<b>Job Type:</b> Squeeze Perfs			
<b>Sales Person:</b> NORDYKE, PAUL				<b>Srvc Supervisor:</b> PETERSON, ERIC		<b>MBU ID Emp #:</b> 213272	
<b>Job Personnel</b>							
<b>HES Emp Name</b>	<b>Exp Hrs</b>	<b>Emp #</b>	<b>HES Emp Name</b>	<b>Exp Hrs</b>	<b>Emp #</b>	<b>HES Emp Name</b>	<b>Exp Hrs</b>
Bechaver, Mike	2.8	343002	BROWN, FLOYD J	2.8	242799	FLORES, DANIEL	2.8
LEE, JAMES Louis	2.8	434386	Ortega, Steve	2.8	291483	PETERSON, ERIC Eugene	2.8
<b>Equipment</b>							
<b>HES Unit #</b>	<b>Distance-1 way</b>	<b>HES Unit #</b>	<b>Distance-1 way</b>	<b>HES Unit #</b>	<b>Distance-1 way</b>	<b>HES Unit #</b>	<b>Distance-1 way</b>
10219240	60 mile	10287040	60 mile	10547383	60 mile	10720883	60 mile
10829455	60 mile	10025027	60 mile				
<b>Job Hours</b>							
<b>Date</b>	<b>On Location Hours</b>	<b>Operating Hours</b>	<b>Date</b>	<b>On Location Hours</b>	<b>Operating Hours</b>	<b>Date</b>	<b>On Location Hours</b>
01-29-08	2.8	2.8					
<b>TOTAL</b>		<i>Total is the sum of each column separately</i>					
<b>Job</b>				<b>Job Times</b>			
<b>Formation Name</b>				<b>Date</b>			
<b>Formation Depth (MD)</b> Top Bottom				<b>Time</b> Time Zone			
Called Out				29 - Jan - 2008 13:30 MST			
On Location				29 - Jan - 2008 13:45 MST			
Job Started				29 - Jan - 2008 14:41 MST			
Job Completed				29 - Jan - 2008 15:53 MST			
Departed Loc				29 - Jan - 2008 16:30 MST			
<b>Well Data</b>							
<b>Description</b>	<b>New / Used</b>	<b>Max pressure psig</b>	<b>Size in</b>	<b>ID in</b>	<b>Weight lbm/ft</b>	<b>Thread</b>	<b>Grade</b>
Surface Casing	Used		8.625	8.097	24.		J-55
Open Hole Section				7.875			
Production Casing	Used		5.5	4.892	17.		J-55
Production Casing	Used		5.5	4.95	15.5		J-55
<b>Sales/Rental/3<sup>rd</sup> Party (HES)</b>							
<b>Description</b>						<b>Qty</b>	<b>Qty uom</b>
PLUG,CMTG,TOP,5 1/2,HWE,4.38 MIN/5.09 MA						1	EA
<b>Tools and Accessories</b>							
<b>Type</b>	<b>Size</b>	<b>Qty</b>	<b>Make</b>	<b>Depth</b>	<b>Type</b>	<b>Size</b>	<b>Qty</b>
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
<b>Miscellaneous Materials</b>							
<b>Gelling Agt</b>	<b>Conc</b>	<b>Surfactant</b>	<b>Conc</b>	<b>Acid Type</b>	<b>Qty</b>	<b>Conc</b>	<b>%</b>
Treatment Fld	Conc	Inhibitor	Conc	Sand Type	Size	Qty	

Fluid Data									
Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft <sup>3</sup> /sk	Mix Fluid Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	Water Spacer		60.00	bbl	8.34	.0	.0	4.0	
2	Rockies LCM-3 Spacer		10.00	bbl	9.	.0	.0	.0	
	9 lbm/bbl	N-SEAL, 30 LB BAG (101271890)							
	0.2 gal/bbl	LGC-35 CBM+, BULK (101400813)							
	1.25 lbm/bbl	POLY-E-FLAKE (101216940)							
	5 lbm/bbl	BARACARB 150 (101252542)							
3	Rockies LCM-2 Spacer		50.00	bbl	9.	.0	.0	4.0	
	0.2 gal/bbl	LGC-35 CBM+, BULK (101400813)							
	1.25 lbm/bbl	POLY-E-FLAKE (101216940)							
	5 lbm/bbl	BARACARB 150 (101252542)							
	6 lbm/bbl	N-SEAL, 30 LB BAG (101271890)							
4	Trinidad Production Cement	CBMCEM CEMENT (471113)	335.0	sacks	13.	2.03	10.4		10.4
	10.4 Gal	FRESH WATER							
5	Water Displacement		46.00	bbl	8.33			4.0	
Calculated Values		Pressures		Volumes					
Displacement	48 bbl	Shut In: Instant	304 psi	Lost Returns	Yes	Cement Slurry	120 bbl	Pad	
Top Of Cement		5 Min		Cement Returns	12bbl	Actual Displacement	46 bbl	Treatment	
Frac Gradient		15 Min		Spacers	60 bbl	Load and Breakdown	60 bbl	Total Job	286 bbl
Rates									
Circulating	5	Mixing	4	Displacement	4 - 2	Avg. Job	4		
Cement Left In Pipe	Amount	180' ft	Reason	Customer Request					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					