Office	State of New Mexico	Form C-103					
District I	Energy, Minerals and Natural Resources	May 27, 2004					
1625 N. French Dr., Hobbs, NM 88240		WELL API NO. 30-007-20932					
<u>District II</u> 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION	5. Indicate Type of Lease					
District III	STATE FEE						
1000 Rio Brazos Rd., Aztec, NM 87410 District IV	Santa Fe, NM 87505	6. State Oil & Gas Lease No.					
1220 S. St. Francis Dr., Santa Fe, NM 87505							
	TICES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name					
	OSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A ICATION FOR PERMIT" (FORM C-101) FOR SUCH	Y/DD A					
PROPOSALS.)		VPR A					
1. Type of Well: Oil Well	Gas Well Other Coalbed Methane	8. Well Number 412					
	ASO E & P COMPANY, L.P.	9. OGRID Number 180514					
3. Address of Operator		10. Pool name or Wildcat					
	OX 190, RATON, NM 87740	Stubblefield Canyon – Vermejo Gas					
4. Well Location							
Unit Letter <u>H</u> :	1720 feet from the North line and 8	feet from the <u>East</u> line					
Section 4 Town	ship 31N Range 21E NMPM	Colfax County					
	11. Elevation (Show whether DR, RKB, RT, GR, 6	etc.)					
12.0	7,922' (GL)	Section 1985					
Pit or Below-grade Tank Application							
Pit typeDepth to Grounds	waterDistance from nearest fresh water well	Distance from nearest surface water					
Pit Liner Thickness: mi	Below-Grade Tank: Volume bbls;	Construction Material					
	PLUG AND ABANDON	JBSEQUENT REPORT OF: ORK					
	_	_					
OTHER:	OTHER:	Completion 🖂					
	pleted operations. (Clearly state all pertinent details, ork). SEE RULE 1103. For Multiple Completions:						
04/05/08 HES ran 1" tubing down h 04/05/08 Weatherford perf'd 1st stage HES frac'd 1st stage - Pur Perf'd 2nd stage - Frac'd 2nd stage - Perf'd 3rd stage - Frac'd 3rd stage - Frac'd 3rd stage - Coil tubing clean out.	Bond Log. Estimated top of cement at 450'. hole. Pumped 60 sks of cement. Circulated 3 bbls of c he - 1906'-1908', 1938'-1941', 1979'-1986' 48 Ho homped 280,733 scf 70% quality nitrogen foam with 21 holes	Hes # Linear gel with 26,352 lbs 20/40 sand. # Linear gel with 6,315 lbs 20/40 sand. E Linear gel with 19,476 lbs 20/40 sand.					
grade tank has been/will be constructed o	n above is true and complete to the best of my knowled reclosed according to NMOCD guidelines , a general permit TITLE Regulatory (itchell E-mail address: shirley.mitchell@elpas	☐ or an (attached) alternative OCD-approved plan ☐. Analyst DATE 09/10/2008					
For State Use Only	ntenen E-man address. sinney,intenen@eipa:	1 elephone (No. (303) 443-0783					

APPROVED BY: Conditions of Approval (if any):

TITLE DISTRICT SUPERVISOR DATE 9/22/08

HALLIBURTON

Cementing Job Summary

The Road to Excellence Starts with Safety Sold To #: 330719 Ship To #: 2632296 Quote #: Sales Order #: 5747624 Customer: EL PASO PRODUCTION COMPANY Customer Rep: Braunns, Tim API/UWI #: Well Name: VPRA Well #: 412 State: New Mexico Field: VERMEJO RANCH City (SAP): UNKNOWN County/Parish: Colfax Rig/Platform Name/Num: Bronco #2 Contractor: Bronco Job Purpose: Squeeze Perfs Well Type: Development Well Job Type: Squeeze Perfs Srvc Supervisor: BLAKE, MICHAEL Sales Person: NUTINI, JOHN MBU ID Emp #: 305760 Job Personnel **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# **HES Emp Name** Exp Hrs Emp# BLAKE, MICHAEL 2.5 305760 BROWN, FLOYD J 2.5 242799 SMITH, DAVID 2.5 436647 **James** Equipment HES Unit # Distance-1 way 10759930 10547383 1025015 30 30 30 Job Hours Date On Location Operating Date On Location Date Operating Operating On Location Hours Hours Hours Hours Hours Hours 4/4/08 2.5 1 TOTAL Total is the sum of each column separately Job Job Times Time Formation Name Date Time Zone Formation Depth (MD) Top Bottom Called Out 14 - Apr - 9200 11:30 MST Form Type BHST On Location 04 - Apr - 2008 MST 13:30 Job depth MD 412. ft Job Depth TVD Job Started 04 - Apr - 2008 **MST** 14:49 Water Depth Wk Ht Above Floor Job Completed 04 - Apr - 2008 15:25 MST Perforation Depth (MD) From Departed Loc 04 - Apr - 2008 To 16:00 MST Well Data Description New / Max Size ID Weight Thread Grade Top MD Bottom Top **Bottom** Used pressure in lbm/ft ft MD TVD psia ft ft ft Open Hole 7.875 325. 412. Section Production 5.5 4.892 17. New J-55 2184. Casing Surface Casing 8.097 24. New 8.625 J-55 315. .824 1.14 1" Tubing Unknow 1.05 Unknown 397. n 100 Tools and Accessories STATE OF THE REAL PROPERTY. Make Depth Size Make Depth Type Size | Qty | Type Qty Type Size Qty Make Guide Shoe Packer Top Plug Bridge Plug Float Shoe **Bottom Plug** Float Collar Retainer SSR plug set Insert Float Plug Container Stage Tool Centralizers Miscellaneous Materials Surfactant **Gelling Agt** Conc Acid Type Conc Qty Conc %

Summit Version: 7.20.130

Treatment Fld

Friday, April 04, 2008 15:41:00

Conc

Sand Type

Size

Qty

Inhibitor

Conc

HALLIBURTON

Cementing Job Summary

	aga/Diua	# . 1					Flü	iid Data	2 10 AVET - 1						317 (2) 318 317 (2) 318
Fluid #	Stage/Plug #: 1 d Stage Type		Fluid Name				Qty	Qty uom	Mixing Density Ibm/gal	Yield ft3/sk	Mix Fluid Gal/sk	1.04 0000776	Total Mix Fluid Gal/sk		
1	Water Spacer					3.00	bbl	8.34	.0	.0	2.0				
1 1	Squeeze Trinidad Surface Cement		CBMCEM CEMENT (471113)			60.0	sacks	13.	2.01	10.35	2.0	10),35		
	10.55 Gal		FRE	SH WATER		· · · · ·								<u> </u>	
· C:	alculated	Values		Pres	sures					V	olumes:				Zan
Displacement		Shut In: Instant		Lost Returns			Cement Slurry		22	Pad	Pad				
Top Of Cement Surfa		ce 5 Min		Cement Returns		3	Actual Displacement		nt	Treatn		3			
Frac Gradient			15 Min		Space		rs		Load and	Breakdov	vn	Total Job		25	
Rates			31.VI.												
Circula	ting 2			Mixing		2		Displacer	nent			Avg. J	ob	2	
Cemer	nt Left In Pip	pe	Amo	ount 0 ft	Reason	Shoe	Joint								
Frac R	ing # 1 @	//	D	Frac ring	#2@	IC		Frac Ring	7#3@	ID	Fi	rac Ring #	4@	ID	,]
The l	nformatio	n State	ed H	lerein Is Co	rrect		Cus	tomer R	eprese	entative \$	Signatur	e			

Summit Version: 7.20.130

Friday, April 04, 2008 15:41:00