Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N. French Dr., Hobbs, NM 87240 District II

## State of New Mexico Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

	Form C-105	
Revised	March 25, 1999	

	Revised March 25, 1777
WELL API NO.	
30-007	-20934
5. Indicate Type of Lease	
STATE  FEI	Ξ 🔳
State Oil & Gas Lease No.	

Bill South First, Artes				1220 South St Fr			J. Mulca		FEE 🔳		
1000 Rio Brazos Rd., Aztec, NM 87410							State Oil & Gas Lease No.				
District IV 1220 South Pacheco, Santa Fe, NM 87505							State Off & Gas Ecase No.				
		OR RECO	MPLE	TION REPOR	T AND	LOG	I and the second	45000000	4.5		
la Type of Well:							7. L	ease Name or U	nit Agreement Name		
OIL WELL GAS WELL DRY OTHER Coal Bed Mehane						_					
b. Type of Comple	etion:							VPR A			
NEW NEW	WORK	┌── PL	UG 🗀	DIFF.							
WELL -	OVER — DE	EPEN BA	<u>ск                                    </u>	RESVR. C	OTHER						
2. Name of Operato	r						8. V	Well No.	410		
•	EL PASO E	& P COMPAN	IV. L.P.						419		
3. Address of Opera			,				9. F	Pool name or Wi	Idcat		
PO BOX 190, RATON, NEW MEXICO 87740											
4. Well Location	PO BOX 190	, RATON, I	EW ME	XICO 87740			Stubb	lefield Canyo	on Raton – Vermejo Gas		
4. Well Location											
Unit Lette	r <u>L</u> :	2137 Fe	et From '	The South	Line a	nd 103	Feet Fi	rom The	West_Line		
Section	3 Tow		31N	Rang	e 2	21E	NMP		lfax County		
•	11. Date T.D. Re			ol. (Ready to Prod.)	13. 1		F& R(B. RT, G	R, etc.)	14. Elev. Casinghead		
02/20/2008 15. Total Depth	02/21/2008 16. Plug B			9/2008 ultiple Compl. How l	Many	7, 18. Intervals	Rotary Toc	nls	7,896' Cable Tools		
13. Total Depui	10. Flug B	dck 1.D.	Zone		wiany	Drilled By	Kotaly roc	715	Cable 100is		
2,215'		2,158'					0 - TD		NONE		
19. Producing Inter-	val(s), of this comp	oletion - Top, Bo	ttom, Nam	e				20. Wa	s Directional Survey Made		
1076' -	1032' Vari	nejo – Raton	Coals					NO			
	ectric and Other Lo		Coais				22.	Was Well Core	d		
	ted Density an		ond Log				No				
23.				CORD (Report a	all strings	set in wel	)				
CASING SIZE	WEIG	HT LB./FT.	D	EPTH SET		LE SIZE	CEMENT	ING RECORD	AMOUNT PULLED		
8 5/8"		23		319'		11"	10	100 sks None			
5 ½"		15.5		2,125'	7	7/8"	307 sks				
			13	50'- 1351'	Sq	ueeze	16	9 sks			
24.				R RECORD			25.	TUBING RE			
SIZE	TOP	BOTTOM		SACKS CEMENT	SCREEN		SIZE	DEPTH SI			
						2	2 7/8"	2,158'	No		
26 7 2					25 101						
26.Perforation record (	interval, size, and nu	mber)					RACTURE, 0	CEMENT, SQ			
	1856'- 1858', 1885'- 1887', 1929'- 1932' 28 Holes					ANACHINIT	AMOUNT AND KIND MATERIAL USED				
1592'- 1594', 1638'- 1640', 1677'- 1680' 28 Holes 1350'- 135				1							
	8'- 1640', 1677'-	1680' 28 Hole	s		1350	0'- 1351'	Squeeze	e (169 sks ce	ement)		
1592'- 1594', 163 1217'- 1219', 123 1076'- 1080' 16	8'- 1640', 1677'- 2'- 1234', 1305'-	1680' 28 Hole	s		1350		Squeeze 57,78	e (169 sks ce 33 lbs 20/40	ement) sand		
1217'- 1219', 123	8'- 1640', 1677'- 2'- 1234', 1305'-	1680' 28 Hole	s		1350	0'- 1351'	57,78 633,3	e (169 sks ce 33 lbs 20/40 352 scf nitr	ement) sand ogen foam		
1217'- 1219', 123 1076'- 1080' 1	8'- 1640', 1677'- 2'- 1234', 1305'-	1680' 28 Hole	s	PRO	1350	0'- 1351' 6'- 1932'	57,78 633,3	e (169 sks ce 33 lbs 20/40	ement) sand ogen foam		
1217'- 1219', 123	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes	1680' 28 Holes 1308' 28 Holes	s	PRO	1350 1070 DUCTIO	0'- 1351' 6'- 1932' ON	Squeeze 57,78 633,3 w/ 21;	e (169 sks ce 33 lbs 20/40 352 scf nitr	ement) sand ogen foam		
1217'- 1219', 123 1076'- 1080' 10	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes	1680' 28 Holes 1308' 28 Holes Production Met	hod (Flow		1350 1070 DUCTIO	0'- 1351' 6'- 1932' ON d type pump)	57,78 633,3 w/ 21	e (169 sks ce 33 lbs 20/40 352 scf nitr # Linear gel	ement) sand ogen foam		
1217'- 1219', 123 1076'- 1080' 10 28 Date First Production	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes	Production Met Pumping water	thod (Flow up 2 7/8"	ing, gas lift, pumping	1350 1070 DUCTIO	0'- 1351' 6'- 1932' ON d type pump) as up 5	Squeeze   57,78   633,3   w/ 21:	e (169 sks ce 33 lbs 20/40 352 scf nitr # Linear gel tus (Prod. or Shr uction	ement) sand ogen foam .:		
28 Date First Production 08/19/2008  Date of Test 08/19/2008	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested 24 hrs.	Production Met Pumping water "Casing.  Choke Size Full 2"	thod (Flow up 2 7/8"	ing, gas lift, pumping tubing, pc pump Prod'n For Test Period	DUCTION Oil - Bbl N/A	0'- 1351' 6'- 1932'  ON d type pump) is up 5	Squeeze   57,78   633,3   w/ 21a   Well State   Prodestars - MCF   97	e (169 sks ce 33 lbs 20/40 352 scf nitr # Linear gel tus (Prod. or Shr uction Water - Bt	ement) sand ogen foam ut-in)  ol. Gas - Oil Ratio N/A		
28 Date First Production 08/19/2008  Date of Test 08/19/2008  Flow Tubing	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested	Production Met Pumping water "Casing.  Choke Size Full 2" Calculated	thod (Flow up 2 7/8"	ring, gas lift, pumping tubing, pc pump Prod'n For Test Period Oil – Bbl.	DUCTION Oil - Bbl N/A	0'- 1351' 6'- 1932' ON d type pump) as up 5	Squeeze   57,78   633,3   w/ 21a   Well State   Prode	e (169 sks ce 33 lbs 20/40 352 scf nitr. # Linear gel tus (Prod. or Shr fuction Water - Bt 201	ement) sand ogen foam  ut-in)  Gas - Oil Ratio		
1217'- 1219', 123 1076'- 1080' 10 28 Date First Production 08/19/2008 Date of Test 08/19/2008 Flow Tubing Press.	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested 24 hrs.  Casing Pressure	Production Met Pumping water "Casing.  Choke Size Full 2"	thod (Flow up 2 7/8"	ing, gas lift, pumping tubing, pc pump Prod'n For Test Period	DUCTION Oil - Bbl N/A	0'- 1351' 6'- 1932'  ON d type pump) ts up 5	Squeeze   57,78   633,3   w/ 21a   Well Star   Prode   Gas - MCF   97   Water - Bbl.	e (169 sks ce 33 lbs 20/40 352 scf nitr # Linear gel tus (Prod. or Shr uction Water - Bt	ement) sand ogen foam ut-in)  ol. Gas - Oil Ratio N/A		
1217'- 1219', 123 1076'- 1080' 10 28 Date First Production 08/19/2008 Date of Test 08/19/2008 Flow Tubing	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested 24 hrs.  Casing Pressure	Production Met Pumping water "Casing.  Choke Size Full 2" Calculated Hour Rate	thod (Flow up 2 7/8"	ring, gas lift, pumping tubing, pc pump Prod'n For Test Period Oil – Bbl.	DUCTION Oil - Bbl N/A	0'- 1351' 6'- 1932'  ON d type pump) is up 5	Squeeze   57,78   633,3   w/ 21a   Well State   Prodestars - MCF   97	e (169 sks ce 33 lbs 20/40 352 scf nitr # Linear gel tus (Prod. or Shr uction  Water - Bt 201 Oil G N/A  Test Witness	ement) sand ogen foam  at-in)  ol. Gas - Oil Ratio N/A ravity - API - (Corr.)		
1217'- 1219', 123 1076'- 1080' 10 28 Date First Production 08/19/2008  Date of Test 08/19/2008  Flow Tubing Press. 0	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested 24 hrs. Casing Pressure 130 ias (Sold, used for	Production Met Pumping water "Casing.  Choke Size Full 2" Calculated Hour Rate	thod (Flow up 2 7/8"	ring, gas lift, pumping tubing, pc pump I Prod'n For Test Period Oil – Bbl. N/A	DUCTION Oil - Bbl N/A	0'- 1351' 6'- 1932'  ON d type pump) ts up 5	Squeeze   57,78   633,3   w/ 21a   Well Star   Prode   Gas - MCF   97   Water - Bbl.	e (169 sks ce 33 lbs 20/40 352 scf nitr # Linear gel tus (Prod. or Shr uction  Water - Bt 201 Oil G N/A  Test Witness	ement) sand ogen foam  at-in)  ol. Gas - Oil Ratio N/A ravity - API - (Corr.)		
1217'- 1219', 123 1076'- 1080' 10  28  Date First Production 08/19/2008  Date of Test 08/19/2008  Flow Tubing Press. 0  29. Disposition of Company of Company 120 (1972) (	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested 24 hrs.  Casing Pressure  130 ias (Sold, used for	Production Met Pumping water "Casing.  Choke Size Full 2" Calculated Hour Rate	thod (Flow r up 2 7/8"	ring, gas lift, pumping tubing, pc pump I Prod'n For Test Period Oil – Bbl. N/A	DUCTIO g - Size and Flowing ga  Oil - Bbl N/A Gas -	0'- 1351' 6'- 1932'  ON d type pump) as up 5	Squeeze   57,78   633,3   w/ 21a   Well State   Prode   Gas - MCF   97   Water - Bbl.   201	e (169 sks ce 33 lbs 20/40 352 scf nitr. # Linear gel tus (Prod. or Shr fuction  Water - Bt 201 Oil G N/A  Test Witness Mike	ement) sand ogen foam  ut-in)  ol. Gas - Oil Ratio N/A ravity - API - (Corr.)		
1217'- 1219', 123 1076'- 1080' 10  28  Date First Production 08/19/2008  Date of Test 08/19/2008  Flow Tubing Press. 0  29. Disposition of Company of Company 120 (1972) (	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested 24 hrs.  Casing Pressure  130 ias (Sold, used for	Production Met Pumping water "Casing.  Choke Size Full 2" Calculated Hour Rate	thod (Flow r up 2 7/8"	ring, gas lift, pumping tubing, pc pump I Prod'n For Test Period Oil – Bbl. N/A	DUCTIO g - Size and Flowing ga  Oil - Bbl N/A Gas -	0'- 1351' 6'- 1932'  ON d type pump) as up 5	Squeeze   57,78   633,3   w/ 21a   Well State   Prode   Gas - MCF   97   Water - Bbl.   201	e (169 sks ce 33 lbs 20/40 352 scf nitr. # Linear gel tus (Prod. or Shr fuction  Water - Bt 201 Oil G N/A  Test Witness Mike	ement) sand ogen foam  ut-in)  ol. Gas - Oil Ratio N/A ravity - API - (Corr.)		
1217'- 1219', 123 1076'- 1080' 10  28  Date First Production 08/19/2008  Date of Test 08/19/2008  Flow Tubing Press. 0  29. Disposition of Company of Company 120 (1972) (	8'- 1640', 1677'- 2'- 1234', 1305'- 6 Holes  Hours Tested 24 hrs.  Casing Pressure  130 as (Sold, used for second	Production Met Pumping water "Casing.  Choke Size Full 2" Calculated Hour Rate	thod (Flow up 2 7/8"  So	ring, gas lift, pumping tubing, pc pump I Prod'n For Test Period Oil – Bbl. N/A	DUCTIC g - Size and Flowing ga  Oil - Bbl N/A Gas -	0'- 1351' 6'- 1932'  ON d type pump) as up 5	Squeeze   57,78   633,3   w/ 21a   Well State   Prode   Gas - MCF   97   Water - Bbl.   201	e (169 sks ce 33 lbs 20/40 352 scf nitr. # Linear gel tus (Prod. or Shr fuction  Water - Bt 201 Oil G N/A  Test Witness Mike	ement) sand ogen foam  ut-in)  ol. Gas - Oil Ratio N/A ravity - API - (Corr.)		

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

 T. Canyon
 T. Ojo Alamo
 T. Penn. "B"

 T. Strawn
 T. Kirtland-Fruitland
 T. Penn. "C"

 T. Atoka
 T. Pictured Cliffs
 T. Penn. "D"

 T. Miss
 T. Cliff House
 T. Leadville

T. Menefee

Northwestern New Mexico

T. Madison

Southeastern New Mexico

T. Anhy\_\_\_\_\_ T. Canyon\_\_\_\_

T. Devonian

T. Salt
B. Salt
T. Yates

T. 7 Rivers

T. Quee	Queen T. Silurian			Γ. Point L	.ookout_		T. Elbert	
T. Grayburg T. N			T. Montoya	7	T. Mancos			T. McCracken
T. San Andres			T. Simpson	]	T. Gallup			T. Ignacio Otzte
T. Glorieta			T. McKee	F	Base Greenhorn			T. Granite
T. Paddock			T. Ellenburger		Γ. Dakota	ļ		T Raton Top <u>0'</u>
T. Blinebry			T. Gr. Wash	1	T. DakotaT. Morrison			T.Vermejo <u>1,737'</u>
								Trinidad <b>1,955</b> '
T.Tubb			T. Delaware Sand	7	Γ.Todilto			T
T. Drink	card		T. Bone Springs	SandT.Todilto_ gsT.Entrada			T	
T. Abo			T		Γ. Wingat	te		T
T. Wolf	camp		Т.	3	Γ. Chinle			T
T. Penn			Т.	į.	T. Chinle T. Permian			T
T. Cisco	(Bough	(C)	Т		Γ. Penn ".	A"		Т
	` 0							OIL OR GAS SANDS OR ZONES
								to
No. 2, 1	trom							to
			IMPORTA					
Include	data or	rate of wat	er inflow and elevation to which	water re	ose in ho	ole.		
No. 1, 1	from		to	• • • • • • • •			feet	
No. 2, 1	from		to	• • • • • • • • •			feet	
			to					
110.0,								
			LITHOLOGY RECO		(Attach a	dditiona		essary)
From	То	Thickness In Feet	Lithology		From	То	Thickness In Feet	Lithology
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