

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, 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 RECEIVED Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 SEP 27 2010 HOBBSON		Form C-105 Revised June 10, 2003	
		WELL API NO. 30-005-29041 ✓		5. Indicate Type of Lease STATE ☒ FEE ☐	
				State Oil & Gas Lease No.	
WELL COMPLETION OR RECOMPLETION REPORT AND LOG					
1a. Type of Well. OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐			7. Lease Name or Unit Agreement Name Wasp 2 State		
b. Type of Completion NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ WELL OVER BACK RESRV. ☐ OTHER ☐					
2 Name of Operator Cimarex Energy Co. of Colorado			8. Well No. 001		
3. Address of Operator 600 N. Marienfeld St., Ste 600 Midland, Texas 79701			9. Pool name or Wildcat Wildcat Abo/Wolfcamp <97715>		
4. Well Location SHL Unit Letter M : 375 Feet From The South Line and 330 Feet From The West Line Section 2 Township 15S Range 31E NMPM County Chaves					
10 Date Spudded 02-13-10	11. Date T.D. Reached 03-17-10	12 Date Compl. (Ready to Prod.) 05-06-10	13. Elevations (DF& RKB, RT, GR, etc.) 4403' GR	14 Elev. Casinghead	
15 Total Depth MD 13232' TVD 8823'	16. Plug Back T.D. MD 13232' TVD 8823'	17. If Multiple Compl How Many Zones?	18. Intervals Drilled By Rotary	Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name 8361-13232' Abo/Wolfcamp				20 Was Directional Survey Made Yes	
21. Type Electric and Other Logs Run DLL/MGRD/BSAT/SDLT/DSNT/GR			22. Was Well Cored No		
23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	354'	17 1/2"	500 sx	
7"	26#	8925'	8 3/4"	3000 sx	
24. LINER RECORD					
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	
4 1/2"	8361'	13025'			
26. Perforation record (interval, size, and number) See Attachment...			25. TUBING RECORD SIZE DEPTH SET PACKER SET 2 7/8" 8304'		
			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED		
28. PRODUCTION					
Date First Production 05-06-10		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - Baker Centrilift submersible pump		Well Status (Prod or Shut-in) Producing	
Date of Test 05-29-10	Hours Tested 24	Choke Size Open	Prod'n For Test Period Oil - Bbl 105	Gas - MCF 215	Water - Bbl. 103
Flow Tubing Press. 180	Casing Pressure 100	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl
					Oil Gravity - API - (Corr.) 39.1
29 Disposition of Gas (Sold, used for fuel, vented, etc) Sold					Test Witnessed By
30. List Attachments					
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief					
Signature <i>Natalie Krueger</i>		Printed Name Natalie Krueger		Title Regulatory	Date 9/17/2010
E-mail Address nkrueger@cimarex.com					

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

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Cisco (Bough C)	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Canyon	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Strawn	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Atoka	T. Cliff House	T. Leadville
T. 7 Rivers	T. Miss	T. Menefee	T. Madison
T. Queen	T. Devonian	T. Point Lookout	T. Elbert
T. Grayburg	T. Silurian	T. Mancos	T. McCracken
T. San Andres	T. Montoya	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. Simpson	Base Greenhorn	T. Granite
T. Paddock	T. McKee	T. Dakota	T.
T. Blinebry	T. Ellenburger	T. Morrison	T.
T.Tubb	T. Gr. Wash	T.Todilto	T.
T. Drinkard	T. Delaware Sand	T. Entrada	T.
T. L. Abo Marker 8641	T. Bone Spring	T. Wingate	T.
B. Anhydrite 8723	T. Morrow	T. Chinle	T.
T. Wolfcamp 8803	T. Rustler	T. Permian	T.
T. Penn	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, fromto.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology

C-105 – Wasp 2 State No. 2
Perforation & Stimulation Record
2-15S-31E – Chaves County, NM

Perforation record (interval, size, and number)	ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	Depth	Description
	12809-13010	222787 gal slick water, 201708# 20/40 white sand
	12334-12809	233278 gal slick water, 201128# 20/40 white sand
	11854-12334	237198 gal slick water, 201129# 20/40 white sand
	11333-11854	238943 gal slick water, 202920# 20/40 white sand
	10813-11333	220840 gal slick water, 201917# 20/40 white sand
	10334-10813	231350 gal slick water, 201927# 20/40 white sand
	9856-10334	229572 gal slick water, 214260# 20/40 white sand
	9424-9856	227263 gal slick water, 199922# 20/40 white sand
	9039-9424	227074 gal slick water, 201873# 20/40 white sand
	8361-9039	229350 gal slick water, 141030# 20/40 white sand

End of Casing @ 8467'

Top of Gudgeon @ 8349'

Peak Completion Technologies

KOP @ 8467'ET

End of Curve @ 8980'

LTC XBTC Cross Over

3.656Frac Port
Depth @ 8842'
Open with 2051 psi
Open with 3.750" Ball

#9 Iso-Pak II Packer

Depth @ 9182'
Set with 2365 psi

3.531Frac Port

Depth @ 9522'
Open with 2051 psi
Open with 3.625" Ball

#8 Iso-Pak II Packer

Depth @ 9423'
Set with 2365 psi

3.406Frac Port

Depth @ 9522'
Open with 2051 psi
Open with 3.500" Ball

#7 Iso-Pak II Packer

Depth @ 9856'
Set with 2365 psi

3.281Frac Port

Depth @ 10092'
Open with 2051 psi
Open with 3.375" Ball

#6 Iso-Pak II Packer

Depth @ 10334'
Set with 2365 psi

3.156Frac Port

Depth @ 10479'
Open with 2051 psi
Open with 3.250" Ball

#5 Iso-Pak II Packer

Depth @ 10813'
Set with 2365 psi

3.031Frac Port

Depth @ 11091'
Open with 2051 psi
Open with 3.125" Ball

#4 Iso-Pak II Packer

Depth @ 11333'
Set with 2365 psi

2.906Frac Port

Depth @ 11525'
Open with 2051 psi
Open with 3.000" Ball

#3 Iso-Pak II Packer

Depth @ 11854'
Set with 2365 psi

2.781Frac Port

Depth @ 12091'
Open with 2051 psi
Open with 2.875" Ball

#2 Iso-Pak II Packer

Depth @ 12334'
Set with 2365 psi

2.656Frac Port

Depth @ 12614'
Open with 2051 psi
Open with 2.750" Ball

#1 Iso-Pak II Packer

Depth @ 12808'
Set with 2365 psi

Hydra-Pak Anchor

Depth @ 12959'
Set with 1892 psi

Pump Out Plug

Depth @ 13010'
Shear Open @ 4800 psi
Set Tools w/ 1.125" Ball

TOTAL MEASURED DEPTH @
13,203 FT

Bottom of Packer @ 8361'

DOWNHOLE WELL PROFILE

WELL NAME			Cimarex Energy Company, Wasp #2 State #1H		DATE	3/17/10
SUPERVISOR					TOOL HAND	
PHONE #					PHONE #	
RIG #					FIELD TICKET #	
ELEVATIONS						
KB ELEV	GL ELEV	KB TO THF	KB TO SCF	RIG KBD	PBTD	
				19		
CASING / OPEN HOLE LAYOUT	OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)	TOP OF (ETKB)		
CASING DESCRIPTION						
WINDOW DESCRIPTION						
OPEN HOLE DESCRIPTION			JUNCTION @			
DESCRIPTION						
STEERING DIRECTIONS						
DOWNHOLE DESCRIPTION FROM BOTTOM UP (Liner String)						
BOTTOM @	DESCRIPTION			LENGTH	ID	OD
13010.00	Peak 3 1/2 Pump Out Plug (3" ID when Pumped Out)			0.86	0.75	4.50
13009.14	3 1/2 8 rd Pin x 4 1/2 LTC Box Cross Over			1.01		
13008.13	1 Joint 4 1/2", P-110, 11.6#, LTC Liner (1)			46.34		
12961.79	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.06		
12959.73	7 x 4 1/2 Peak Rotational Centralizer			0.59		
12959.14	7 x 4 1/2 Peak Extreme Service Open Hole Hydra-Pak Anchor			2.84	0.00	0.00
12956.30	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.06	0.00	0.00
12950.24	3 Joints, 4 1/2", P-110, 11.6#, LTC Liner (2-4)			138.56	0.00	0.00
12811.68	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.07	0.00	0.00
12809.61	7 x 4 1/2 Peak Rotational Centralizer			0.62	0.00	0.00
12808.99	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.66	0.00	0.00
12803.33	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.09	0.00	0.00
12797.24	4 Joints, 4 1/2", P-110, 11.6#, LTC Liner (5-8)			182.87	0.00	0.00
12614.37	7 x 4 1/2 Peak Gen III Strata-Port with 2.656"ID seat (Open with 2.750"Frac Ball)			3.55	0.00	0.00
12610.82	6 Joints, 4 1/2", P-110, 11.6#, LTC Liner (9-14)			273.60	0.00	0.00
12337.22	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.04	0.00	0.00
12335.18	7 x 4 1/2 Peak Rotational Centralizer			0.62	0.00	0.00
12334.56	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.65	0.00	0.00
12328.91	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.03	0.00	0.00
12322.88	5 Joints, 4 1/2", P-110, 11.6#, LTC Liner (15-19)			230.89	0.00	0.00
12091.99	7 x 4 1/2 Peak Gen III Strata-Port with 2.781"ID seat (Open with 2.875"Frac Ball)			3.55	0.00	0.00
12088.44	5 Joints 4 1/2", P-110, 11.6#, LTC Liner (20-24)			231.17	0.00	0.00
11857.27	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.03	0.00	0.00
11855.24	7 x 4 1/2 Peak Rotational Centralizer			0.62	0.00	0.00
11854.62	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.65	0.00	0.00
11848.97	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.11	0.00	0.00
11842.86	7 Joints, 4 1/2", P-110, 11.6#, LTC Liner (25-31)			317.80	0.00	0.00
11525.06	7 x 4 1/2 Peak Gen III Strata-Port with 2.906"ID seat (Open with 3.000"Frac Ball)			3.55	0.00	0.00
11521.51	4 Joints, 4 1/2", P-110, 11.6#, LTC Liner (32-35)			185.08	0.00	0.00
11336.43	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.03	0.00	0.00
11334.40	7 x 4 1/2 Peak Rotational Centralizer			0.61	0.00	0.00
11333.79	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.66	0.00	0.00
11328.13	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.03	0.00	0.00
11322.10	5 Joints, 4 1/2", P-110, 11.6#, LTC Liner (36-40)			230.56	0.00	0.00
11091.54	7 x 4 1/2 Peak Gen III Strata-Port with 3.031"ID seat (Open with 3.125"Frac Ball)			3.55	0.00	0.00
11087.99	6 Joints, 4 1/2", P-110, 11.6#, LTC Liner (41-46)			272.08	0.00	0.00
10815.91	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.06	0.00	0.00
10813.85	7 x 4 1/2 Peak Rotational Centralizer			0.63	0.00	0.00
10813.22	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.67	0.00	0.00
10807.55	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.07	0.00	0.00
10801.48	7 Joints, 4 1/2", P-110, 11.6#, LTC Liner (47-53)			322.25	0.00	0.00
10479.23	7 x 4 1/2 Peak Gen III Strata-Port with 3.156"ID seat (Open with 3.250"Frac Ball)			3.55	0.00	0.00
10475.68	3 Joints, 4 1/2", P-110, 11.6#, LTC Liner (54-56)			138.53	0.00	0.00
10337.15	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.04	0.00	0.00
10335.11	7 x 4 1/2 Peak Rotational Centralizer			0.58	0.00	0.00
10334.53	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.63	0.00	0.00
10328.90	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.09	0.00	0.00
10322.81	5 Joints, 4 1/2", P-110, 11.6#, LTC Liner (57-61)			230.16	0.00	0.00
10092.65	7 x 4 1/2 Peak Gen III Strata-Port with 3.281"ID seat (Open with 3.375"Frac Ball)			3.55	0.00	0.00
10089.10	5 Joints, 4 1/2", P-110, 11.6#, LTC Liner (62-66)			229.83	0.00	0.00
9859.27	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.05	0.00	0.00
9857.22	7 x 4 1/2 Peak Rotational Centralizer			0.59	0.00	0.00
9856.63	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.67	0.00	0.00
9850.96	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.06	0.00	0.00
9844.90	7 Joints 4 1/2", P-110, 11.6#, LTC Liner (67-73)			322.89	0.00	0.00
9522.01	7 x 4 1/2 Peak Gen III Strata-Port with 3.406"ID seat (Open with 3.500"Frac Ball)			3.55	0.00	0.00
9518.46	2 Joints 4 1/2", P-110, 11.6#, LTC Liner (74-75)			92.15	0.00	0.00
9426.31	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.04	0.00	0.00
9424.27	7 x 4 1/2 Peak Rotational Centralizer			0.61	0.00	0.00
9423.66	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.66	0.00	0.00
9418.00	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.08	0.00	0.00
9411.92	5 Joints, 4 1/2", P-110, 11.6#, LTC Liner (76-80)			229.66	0.00	0.00
9182.26	7 x 4 1/2 Peak Gen III Strata-Port with 3.531"ID seat (Open with 3.625"Frac Ball)			3.55	0.00	0.00
9178.71	3 Joints, 4 1/2", P-110, 11.6#, LTC Liner (81-83)			137.17	0.00	0.00
9041.54	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			2.05	0.00	0.00
9039.49	7 x 4 1/2 Peak Rotational Centralizer			0.62	0.00	0.00
9038.87	7 x 4 1/2 Peak Extreme Service Open Hole Iso-Pak II Packer with HPHT Element System			5.64	0.00	0.00
9033.23	4 1/2" x 6' P-110, 11.6# LTC Liner Sub			6.09	0.00	0.00
9027.14	4 Joints, 4 1/2", P-110, 11.6#, LTC Liner (84-87)			184.78	0.00	0.00
8842.36	7 x 4 1/2 Peak Gen III Strata-Port with 3.656"ID seat (Open with 3.750"Frac Ball)			3.55	0.00	0.00
8838.81	4 1/2 LTC Box x 4 1/2 BTC Box Cross over			1.73	0.00	0.00
8837.08	11 Joints, 4 1/2", P-110, 11.6#, BTC Liner (1-11)			472.78	0.00	0.00
8364.30	4 1/2" x 2' P-110, 11.6# LTC Liner Sub			3.02	0.00	0.00
8361.28	Peak SMP-X Extreme Service 7", 26# Casing Hanger with HPHT Element System			9.34	0.00	0.00
8351.94	Peak TLC Adaptor			2.69	0.00	0.00
8349.25	Peak T-5 3 Lug Gudgeon			2.54	0.00	0.00
8346.71	TLC x 3 1/2 IF Drill Pipe Cross Over			0.77	0.00	0.00
8345.94	3 1/2 IF x 8", 13.3# S-135, Drill Pipe Sub			7.57	0.00	0.00
8338.37	40 Joints 4 3/4" Drill Collars with 3 1/2 IF Threads			0.00	0.00	0.00
8338.37	Joints 3 1/2, 13.3# Drill Pipe			0.00	0.00	0.00
8338.37	3 1/2 x 10" Drill Pip Sub			0.00	0.00	0.00
8338.37	Stick Up			0.00	0.00	0.00
WEIGHT OF TUBING STRING		TOTAL STRING LENGTH		4671.63		
PUSH / PULL TEST		STICK-UP OFF RIG FLOOR				
LINER STRING WEIGHT		TUBING BOTTOM		4671.63		

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NOT TO BE DISCLOSED OUTSIDE
Cimarex Energy Company