

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. Abilene, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003													
RECEIVED OCT 24 2008 HOBBS (11)				WELL API NO. 30-025-38668													
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 Antero 12 Fee													
b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL ☐ OVER ☐ BACK ☐ RESVR. ☐ OTHER ☐																	
2. Name of Operator Cimarex Energy Co. (215099)				8. Well No. 005													
3. Address of Operator PO Box 140907; Irving, TX 75014-0907				9. Pool name or Wildcat Denton; Wolfcamp													
4. Well Location SHL: Unit Letter <u>K</u> : 2160 Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>West</u> Line BHL: Unit Letter <u>N</u> : 230 <u>334</u> Feet From The <u>South</u> Line and 1783 <u>4980</u> Feet From The <u>West</u> Line Section <u>12</u> Township <u>15S</u> Range <u>37E</u> NMPM County <u>Lea</u>																	
10. Date Spudded 4-19-08	11. Date T.D. Reached 6-23-08	12. Date Compl. (Ready to Prod.) 07-17-08	13. Elevations (DF& RKB, RT, GR, etc.) 3782' GR	14. Elev. Casinghead													
15. Total Depth 9810 TVD 11163' MD	16. Plug Back T.D. 9230 TVD' 11163' MD	17. If Multiple Compl How Many Zones? 	18. Intervals Drilled By Rotary	19. Producing Interval(s), of this completion - Top, Bottom, Name 9842'-11150' Denton; Wolfcamp													
			20. Was Directional Survey Made Yes														
21. Type Electric and Other Logs Run DII, DSNSGR, Sonic			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 3/4"	48	645'	17 1/2"	510 sx, circ 90 sx to surf													
8 1/2"	32	4513'	11	1100 sx, TOC 160' 1' top job 63 sx circ 5 bbls to surf													
5 1/2"	17	9808'	7 7/8"	700 sx calculated TOC 2130'													
24. LINER RECORD																	
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN													
2 7/8"	9170	11060															
25. TUBING RECORD																	
SIZE	DEPTH SET	PACKER SET															
2 7/8"	9073'	TAC 8938'															
26. Perforation record (interval, size, and number) PEAK Iso-Pak assembly used 9842'-11060' Open Hole 11060'-11150'																	
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>10858'-11150'</td> <td>14988 gal 15% NEFE HCL, 5989 gal 15% diverter, flush w/5488 gal slickwater</td> </tr> <tr> <td>10589'-10858'</td> <td>14826 gal 15% NEFE HCL, 5995 gal 15% diverter, flush w/4968 gal slickwater</td> </tr> <tr> <td>10288'-10589'</td> <td>14872 gal 15% NEFE HCL, 5996 gal 15% diverter, flush w/5016 gal slickwater</td> </tr> <tr> <td>10084'-10288'</td> <td>12101gal 15% NEFE HCL, 5497 gal 15% diverter, flush w/4985 gal slickwater</td> </tr> <tr> <td>9842'-10084'</td> <td>13980gal 15% NEFE HCL, 5130 gal 15% diverter, flush w/9170 gal slickwater</td> </tr> </table>						DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	10858'-11150'	14988 gal 15% NEFE HCL, 5989 gal 15% diverter, flush w/5488 gal slickwater	10589'-10858'	14826 gal 15% NEFE HCL, 5995 gal 15% diverter, flush w/4968 gal slickwater	10288'-10589'	14872 gal 15% NEFE HCL, 5996 gal 15% diverter, flush w/5016 gal slickwater	10084'-10288'	12101gal 15% NEFE HCL, 5497 gal 15% diverter, flush w/4985 gal slickwater	9842'-10084'	13980gal 15% NEFE HCL, 5130 gal 15% diverter, flush w/9170 gal slickwater
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28. PRODUCTION																	
Date First Production 7-20-08		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping		Well Status (Prod. or Shut-in) Producing													
Date of Test 07-30-08	Hours Tested 24	Choke Size OPEN	Prod'n For Test Period 100	Oil - Bbl 22	Gas - MCF 69												
Flow Tubing Press. 300	Casing Pressure 40	Calculated 24 Hour Rate 100	Oil - Bbl 22	Gas - MCF 69	Water - Bbl. 43												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By												
30. List Attachments C-102, Deviation Report, Directional Survey, Peak Liner Assembly																	
31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.																	
Signature <u>Scott Haynes</u>		Printed Name <u>Scott Haynes</u>		Title <u>Reg Analyst</u> Date <u>10/23/2008</u>													
E-mail Address <u>shaynes@cimarex.com</u>																	

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. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates 3120'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3307'	T. Devonian	T. Menefee	T. Madison
T. Queen 3921'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 4259'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4410'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 6767'	T. McKee	B. Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry 6959'	T. Gr. Wash	T. Morrison	T.
T. Tubb 7533'	T. Delaware	T. Todilto	T.
T. Drinkard 7774'	T. Bone Spring	T. Entrada	T.
T. Abo Shale 8255'	T. Morrow	T. Wingate	T.
T. Wolfcamp 9340'	T. SBSS	T. Chinle	T.
T. Penn	T. Barnett	T. Permian	T.
T. Cisco (Bough C)	T. Rustler 2146'	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

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

No. 2, 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

	sx	yeild	volume,ft3
Lead	500	2.77	1385
Tail	200	1.62	324
			<u>1709</u>

Volume factors

(tubular)	Inside 5 1/2"	0.023247 ft3/ft		
(annular)	5 1/2" X 7 7/8" hole	0.173255 ft3/ft	40.00% loss	0.242557
(annular)	5 1/2" X 8 5/8" csg	0.177218 ft3/ft	0.00% loss	0.177218

Production String depth	9808 ft
Intermediate String depth	4513 ft
Float Length	90 ft

Inside 5 1/2" (tail)

Length, ft	90
Volume , ft3	2.09223

Remaining tail, ft3 321.9078

5 1/2" X 7 7/8"

Tail RemaingVol, ft3	321.9078
Length, ft (tail)	1327.143
TOT Depth, ft	8480.857

Length, ft (TOT to int)	3967.857
Volume	962.4315

Remaining lead, ft3 422.5685

5 1/2" X 8 5/8"

Remaing lead Vol, ft3	422.5685
Length, ft	2384.456
TOC depth, ft	2128.544



WINDOW @ 9214FT

STRATA PORT #4 (2" I.D.)
4 PINS X 420=1680 PSI

5 5 ISO PAK #4
7 PINS X 233=1631 PSI

STRATA PORT #3 (1 75 I.D.)
4 PINS X 420= 1680PSI

5 5 ISO PAK #3
7 PINS X 233=1631 PSI

STRATA PORT #2 (1 50 I.D.)
4 PINS X 420 PSI= 1680 PSI

5 5 ISO PAK #2
7 PINS X 233= 1631 PSI

STRATA PORT #1 (1 25 I.D.)
4 PINS X 420PSI= 1680 PSI

5 5 ISO PAK #1
7 PINS X 233 PSI= 1631 PSI

5 5 HYDRO PAK ANCHOR
7 PINS X 233=1631

2 7/8 PUMP-OUT PLUG
12 PINS X 337 50 PSI= 4050 PSI

1/2 ARROWSET PACKER 15-20 ILB

5 1/2 ON/OFF TOOL INVERT

DOWNHOLE WELL PROFILE

WELL NAME	ANTERO 12 FEE #5	DATE	6/23/08
SUPERVISOR	LEE MERMIS	TOOL HAND	V. SAUCEDO
PHONE #	303-285-5946	PHONE #	432-425-7995
RIG #	KEY RIG 482	FIELD TICKET #	
ELEVATIONS			
KB ELEV	GL ELEV	KB TO THF	KB TO SCF
			19
CASING / OPEN HOLE LAYOUT	OD (IN)	LANDED DEPTH	WEIGHT (LB/FT)
CASING DESCRIPTION	5 1/2		17
WINDOW DESCRIPTION	9214		
OPEN HOLE DESCRIPTION	4 3/4		JUNCTION @
DESCRIPTION			
STEERING DIRECTIONS			
DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)			
BOTTOM @	DESCRIPTION	LENGTH	ID
11060.00	2 7/8 pump out plug	0.57	0.75
11059.43	2 JTS of 2 7/8 6.5# eue	65.48	2.44
10993.95	5 5 HYDRO PAK ANCHOR	4.80	2.38
10989.15	4 JTS OF 2 7/8 6.5# EUE	131.06	2.44
10858.09	5 5 ISO PAK #1	6.02	2.44
10853.07	4 JTS OF 2 7/8 6.5# EUE	130.79	2.44
10722.28	STRATA PORT #1	2.20	1.25
10720.08	4 JTS OF 2 7/8 6.5# EUE	130.78	2.44
10589.30	5 5 ISO PAK #2	5.02	2.44
10584.28	4 JTS OF 2 7/8 6.5# EUE	130.47	2.44
10453.81	STRATA PORT #2	2.20	1.50
10451.61	5 JTS OF 2 7/8 6.5# EUE	163.07	2.44
10288.54	5.5 ISO PAK #3	5.02	2.44
10283.52	3 JTS OF 2 7/8 6.5 # EUE	98.01	2.44
10185.51	STRATA PORT #3	2.20	1.75
10183.31	3 JTS OF 2 7/8 6.5# EUE	98.52	2.44
10084.79	5.5 ISO PAK #4	5.02	2.44
10079.77	1 PUP JT 2 7/8 EUE 6.5#	8.10	2.44
10071.67	7 JTS OF 2 7/8 6.5# EUE	229.17	2.44
9842.50	STRATA PORT #4	2.20	2.00
9840.30	ULTRA FX x 2 7/8 EUE CROSSOVER	1.75	2.44
9838.55	21 JTS OF 2 7/8 6.4# FX	658.26	2.44
9180.29	2 7/8 EUE X ULTRA FX CROSSOVER	1.11	2.44
9179.18	2 7/8 DOWNHOLE TUBING SWIVEL	1.32	2.44
9177.86	5.5 ARROWSET PACKER 15-20#	7.20	2.44
9170.66	2 7/8 EUE PIN X 2 7/8 EUE PIN X-OVER	0.65	2.15
9170.01	2 7/8 X 5 1/2 ON/OFF TOOL INVERTED	3.38	2.44
9166.63	2 7/8 AOH X 2 7/8 EUE PIN CROSSOVER	0.83	2.15
9165.80	290 JTS OF AOH	9166.46	0.00
WEIGHT OF TUBING STRING		TOTAL STRING LENGTH	
PUSH / PULL TEST		STICK-UP OFF RIG FLOOR	
LINER STRING WEIGHT		TUBING BOTTOM	
		11150.00	
		11150.00	

TOTAL MEASURED DEPTH
11150FT

*** CONFIDENTIAL ***
NOT TO BE DISCLOSED OUTSIDE
** INSERT COMPANY **