

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 Oil Conservation Division 300 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003												
		RECEIVED DEC 23 2008 HOBBSOCD		WELL API NO. 30-025-38691												
				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 Caudill South 17 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. 002												
3. Address of Operator PO Box 140907; Irving, TX 75014-0907				9. Pool name or Wildcat Caudill; Permo Upper Pen												
4. Well Location SHL: Unit Letter <u>H</u> : <u>2300</u> Feet From The <u>North</u> Line and <u>500</u> Feet From The <u>East</u> Line BHL: Unit Letter <u>A</u> : <u>424</u> Feet From The <u>North</u> Line and <u>419</u> Feet From The <u>East</u> Line Section <u>17</u> Township <u>15S</u> Range <u>36E</u> NMPM County <u>Lea</u>																
10. Date Spudded 06-10-08	11. Date T.D. Reached 08-29-08	12. Date Compl. (Ready to Prod.) 9-21-08	13. Elevations (DF& RKB, RT, GR, etc.) 3913' GR	14. Elev. Casinghead												
15. Total Depth Pilot Hole 10900' MD 12500' TVD 10629'	16. Plug Back T.D. Pilot Hole 10505' MD 12500' TVD 10629'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By	Rotary Tools Rotary	Cable Tools											
19. Producing Interval(s), of this completion - Top, Bottom, Name 9745'-10900' Wolfcamp				20. Was Directional Survey Made Yes												
21. Type Electric and Other Logs Run Porosity, Resistivity, and CBL				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	652'	17 1/2"	500 sx, TOC 0'												
8 3/4"	32	4502'	11"	1000 sx, TOC 0'												
5 1/2"	17	10900'	7 7/8"	1000 sx, TOC 3250'												
24. LINER RECORD			25. TUBING RECORD													
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET									
2 3/4"	10405'	12305'	PEAK, no cement		2 3/4"	10340'	10210'									
26. Perforation record (interval, size, and number) Peak Liner Assembly used (Iso-Ports and Iso-Packers) Multi staged frac. Stage 1: 12138'-12305' Stage 2: 11737'-12138' Stage 3: 11339'-11737' Stage 4: 11016'-11339'			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>12138'-12305'</td> <td>25536 gal Ultragelled 15% & 9198 gal 15% Diverter Acid, flused w/4000 gals slickwater Drop 1 1/2" ball.</td> </tr> <tr> <td>11737'-12138'</td> <td>22164 gal ultragelled 15% & 9000 gal 15% Diverter Acid, flush w/4000 gals slickwater Drop 2" ball.</td> </tr> <tr> <td>11339'-11737'</td> <td>24104 gal ultragelled 15% & 7728 gal 15% Diverter Acid, flush w/3948 gals slickwater Drop 2 1/2" ball.</td> </tr> <tr> <td>11016'-11339'</td> <td>17976 gal ultragelled 15% NeFe HCL & 9282 gal 15% Diverter Acid. Flush w/11004 gal slickwater.</td> </tr> </table>				DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	12138'-12305'	25536 gal Ultragelled 15% & 9198 gal 15% Diverter Acid, flused w/4000 gals slickwater Drop 1 1/2" ball.	11737'-12138'	22164 gal ultragelled 15% & 9000 gal 15% Diverter Acid, flush w/4000 gals slickwater Drop 2" ball.	11339'-11737'	24104 gal ultragelled 15% & 7728 gal 15% Diverter Acid, flush w/3948 gals slickwater Drop 2 1/2" ball.	11016'-11339'	17976 gal ultragelled 15% NeFe HCL & 9282 gal 15% Diverter Acid. Flush w/11004 gal slickwater.
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28. PRODUCTION																
Date First Production 09-28-08		Production Method (<i>Flowing, gas lift, pumping - Size and type pump</i>) Pumping			Well Status (<i>Prod. or Shut-in</i>) Prod											
Date of Test 10-06-08	Hours Tested 24	Choke Size 20/64	Prod'n For Test Period	Oil - Bbl 148	Gas - MCF 411	Water - Bbl. 95	Gas - Oil Ratio 2777									
Flow Tubing Press. 300	Casing Pressure 80	Calculated 24 Hour Rate	Oil - Bbl. 148	Gas - MCF 411	Water - Bbl. 95	Oil Gravity - API - (<i>Corr.</i>) 40.97										
29. Disposition of Gas (<i>Sold, used for fuel, vented, etc.</i>) Sold						Test Witnessed By										
30. List Attachments Deviation Report, Peak assembly diagram, Directional Survey, C-102																
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>Regulatory Analyst</u>		Date <u>12/22/2008</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. Ojo Alamo	T. Penn. "B"
T. Salt			T. Kirtland-Fruitland	T. Penn. "C"
T. Rustler	2013	T. Wolfcamp B 10068	T. Pictured Cliffs	T. Penn. "D"
T. Yates	3104	T. Cisco	T. Cliff House	T. Leadville
T. 7 Rivers	3268	T. Canyon	T. Menefee	T. Madison
T. Queen	3878	T. Strawn	T. Point Lookout	T. Elbert
T. Grayburg	4367	T. Atoka	T. Mancos	T. McCracken
T. San Andres	4613	T. Miss	T. Gallup	T. Ignacio Otzte
T. Glorieta	6683	T. Devonian	B. Greenhorn	T. Granite
T. Paddock		T. Silurian	T. Dakota	T.
T. Blinebry	6878	T. Montoya	T. Morrison	
T. Tubb	7447	T. Simpson	T.Todilto	
T. Drinkard	7723	T. McKee	T. Entrada	
T. Bone Spring		T. Ellenburger	T. Wingate	
T. FBSS		T. Gr. Wash	T. Chinle	
T. SBSS		T. Morrow	T. Permian	
T. TBSS			T. Penn "A"	

OIL OR GAS SANDS OR ZONES

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



Stage 1 2 7/8 pump out plug

TOTAL MEASURED DEPTH
@ 12500FT

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

REFERENCE SHEET FOR
UNDESIGNATED WELLS

	Fm	Pm	N	Pc
12-15 E	XX	XX		XX

paragraph

1	Date	12/23/2008
2	Type of Well:	
	Oil:	XX Gas:
3.	County:	LEA

4	Operator	>> CIMAREX ENERGY CO			API NUMBER	30 - 025 - 38691		
5	Address of Operator	>> 600 N MARIENFELD, STE 600 >> MIDLAND TX 79701						
6	Lease name or Unit Agreement Name	>> CAUDILL WEST 17 FEE					7 Well Number # - 2	
8	Well Location	Unit Letter <u>H/A</u> <u>2300/333</u> feet from the <u>N</u> line and <u>500/422</u> feet from the <u>E</u> line Section <u>17</u> Township <u>15S</u> Range <u>36E</u>						
9	Completion Date	9/21/2008		11 Perfs	Top	Bottom	TD	
					11016	12305	12500	
10	Name of Producing Formation(s)	WOLFCAMP & STRAWN		12 Open Hole Casing shoe	Bottom	PBTD		
13	C-123 Filed	Date	15	Name of Pool Requested or temporary Wildcat designation	Pool ID num			
Y		N XX		CAUDILL;PERMO-UPPER PENN	10830			
16	Remarks	EXTEND						

TO BE COMPLETED BY DISTRICT GEOLOGIST			
17 Action taken	18 Pool Name	Pool ID num	
EXTEND	CAUDILL;PERMO-UPPER PENN	10830	
T 15 S, R 36 E SEC 8: NE/4 SEC 17: NE/4 SEC 21: SE/4			

19 Advertised for HEARING	20 Case Number
21 Name of pool for which was advertised	Pool ID num
CAUDILL;PERMO-UPPER PENN	10830
22 Placed in Pool	23 By order number
	R-