

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 1220 South St. Francis Dr. Santa Fe, NM 87505		Form C-105 Revised June 10, 2003													
RECEIVED NOV 23 2010 HOBBSOCD		WELL API NO. 30-005-29101		5. Indicate Type of Lease STATE ☒ FEE ☐													
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		State Oil & Gas Lease No.		7. Lease Name or Unit Agreement Name Valley Forge 20 State Com													
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER		2. Name of Operator Cimarex Energy Co. of Colorado		8. Well No. 003													
3. Address of Operator 600 N. Marienfeld, Ste 600 Midland, TX 79701		9. Pool name or Wildcat Wildcat Abo/Wolfcamp		4. Well Location SHL: Unit Letter <u>H</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>375</u> Feet From The <u>East</u> Line Section <u>20</u> Township <u>15S</u> Range <u>31E</u> NMPM County <u>Chaves</u>													
10. Date Spudded 06-12-10	11. Date T.D. Reached 07-09-10	12. Date Compl. (Ready to Prod.) 09-12-10	13. Elevations (DF& RKB, RT, GR, etc.) 4420 GR	14. Elev. Casinghead													
15. Total Depth MD 13232 TVD 8734	16. Plug Back T.D. MD 13232 TVD 8734	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 8234-13232 Abo/Wolfcamp				20. Was Directional Survey Made Yes													
21. Type Electric and Other Logs Run No logs run on this well				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	397	17 1/2	540 sx													
7"	26	8438	8 3/4	1995													
24. LINER RECORD			25. TUBING RECORD														
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	PACKER SET												
4 1/2	8234	12950	0, PEAK		---												
26. Perforation record (interval, size, and number) TOL 8234. Frac Port @ 8918. Pkr @ 9054. Frac Port @ 9229. Pkr @ 9408. Frac Port @ 9585. Pkr @ 9846. Frac Port @ 9936. Pkr @ 10234. Frac Port @ 10496. Pkr @ 10801. Frac Port @ 10892. Pkr @ 11321. Frac Port @ 11540. Pkr @ 11763. Frac Port @ 12025. Pkr @ 12245. Frac Port @ 12419. Pkr @ 12725. Hydra-pak anchor @ 12903. POP @ 12950.			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">DEPTH INTERVAL</th> <th style="text-align: left;">AMOUNT AND KIND MATERIAL USED</th> </tr> <tr> <td>8234-13232</td> <td>1,854,358 gal 17# XL Borate, 1,222,618# 20/40 White Sand</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	8234-13232	1,854,358 gal 17# XL Borate, 1,222,618# 20/40 White Sand								
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8234-13232	1,854,358 gal 17# XL Borate, 1,222,618# 20/40 White Sand																
28. PRODUCTION																	
Date First Production 09-11-10		Production Method (Flowing, gas lift, pumping - Size and type pump) Submersible pump		Well Status (Prod. or Shut-in) Producing													
Date of Test 10-07-10	Hours Tested 24	Choke Size --	Prod'n For Test Period 54	Oil - Bbl 162	Gas - MCF 240												
Flow Tubing Press. 50	Casing Pressure 80	Calculated 24 Hour Rate 	Oil - Bbl. 	Gas - MCF 	Water - Bbl. 												
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold					Test Witnessed By 												
30. List Attachments C-102, Deviation report, Directional survey																	
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>Natalie Krueger</u>		Printed Name <u>Natalie Krueger</u>		Title <u>Regulatory Analyst</u>													
E-mail Address <u>nkrueger@cimarex.com</u>		Date <u>11/16/2010</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	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	B. Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware	T.Todilto	T.
T. Drinkard	T. Bone Spring	T. Entrada	T.
T. Abo Shale	T. Morrow	T. Wingate	T.
T. Wolfcamp	T. SBSS	T. Chinle	T.
T. Penn	T. Barnett	T. Permian	T.
T. Cisco (Bough C)	T. Rustler	T. Penn "A"	T.

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