

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		Form C-105 Revised June 10, 2003																									
RECEIVED SEP 23 2008 HOBBS, NM		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505																									
WELL API NO. 30-025-38513		5. Indicate Type of Lease STATE ☐ FEE ☒																									
State Oil & Gas Lease No.		7. Lease Name or Unit Agreement Name Harvard 6 Fee																									
8. Well No. 002		9. Pool name or Wildcat Denton Wolfcamp East <17290>																									
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																											
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐		7. Lease Name or Unit Agreement Name																									
b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR ☐ OTHER		8. Well No.																									
2. Name of Operator Cimarex Energy Co. (215099)		9. Pool name or Wildcat																									
3. Address of Operator PO Box 140907; Irving, TX 75014-0907		10. Date Spudded 10-16-07																									
4. Well Location SHL: Unit Letter D 730 Feet From The North Line and 430 Feet From The West Line Section 6 Township 15S Range 38E NMPM County Lea BHL: Unit Letter E 2310 Feet From The North Line and 441 430 Feet From The West Line Section 6 Township 15S Range 38E NMPM County Lea		11. Date T.D. Reached 12-20-07																									
12. Date Compl. (Ready to Prod.) 1-11-08		13. Elevations (DF& RKB, RT, GR, etc.) 3792' GR																									
14. Elev. Casinghead		15. Total Depth TVD 9375' MTD 11123'																									
16. Plug Back T.D. TVD 9375' MTD 11123'		17. If Multiple Compl. How Many Zones? 1																									
18. Intervals Drilled By Rotary		19. Producing Interval(s), of this completion - Top, Bottom, Name Wolfcamp 9359'-9825'																									
20. Was Directional Survey Made Yes		21. Type Electric and Other Logs Run BCS/SGR,HRLA,TDLD, HNGR, GR, CBL																									
22. Was Well Cored No		23. CASING RECORD (Report all strings set in well)																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>CASING SIZE</th> <th>WEIGHT LB./FT.</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> <tr> <td>13%</td> <td>48</td> <td>632'</td> <td>17½"</td> <td>510 sx, circ 63 bbls</td> <td></td> </tr> <tr> <td>8%</td> <td>32</td> <td>4572'</td> <td>11"</td> <td>1160 sx, circ 126 sx</td> <td></td> </tr> <tr> <td>5½"</td> <td>17</td> <td>9821'</td> <td>7%</td> <td>915 sx, TOC 2622'</td> <td></td> </tr> </table>		CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	13%	48	632'	17½"	510 sx, circ 63 bbls		8%	32	4572'	11"	1160 sx, circ 126 sx		5½"	17	9821'	7%	915 sx, TOC 2622'		24. LINER RECORD	
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED																						
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SIZE	DEPTH SET	PACKER SET																									
27/8"	8958'	8825'																									
27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		28. PRODUCTION																									
DATE FIRST PRODUCTION 1-12-08		PRODUCTION METHOD (Flowing, gas lift, pumping - Size and type pump) Pumping																									
WELL STATUS (Prod. or Shut-in) Producing		DATE OF TEST 1-30-08																									
HOURS TESTED 24		CHOKER SIZE Open																									
PROD'N FOR TEST PERIOD 20		OIL - BBL 20																									
GAS - MCF 10		WATER - BBL 28																									
GAS - OIL RATIO 500		FLOW TUBING PRESS. 200																									
CASING PRESSURE 35		CALCULATED 24 HOUR RATE 200																									
OIL - BBL 20		GAS - MCF 10																									
WATER - BBL 28		OIL GRAVITY - API - (Corr.) 44.40																									
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Flare testing while waiting for pipeline, first sales 5-15-2008		TEST WITNESSED BY KZ																									
30. List Attachments 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 Scott HaynesPrinted
NameScott Haynes

Title

Reg Analyst

Date 9/22/2008E-mail Address shaynes@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. 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 3182'	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers 3365'	T. Devonian	T. Menefee	T. Madison
T. Queen 3963'	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg 4285'	T. Montoya	T. Mancos	T. McCracken
T. San Andres 4421'	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta 6796'	T. McKee	B. Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry 7000'	T. Gr. Wash	T. Morrison	T.
T. Tubb 7432'	T. Delaware	T. Todilto	T.
T. Drinkard 7688'	T. Bone Spring	T. Entrada	T.
T. Abo Shale 8123'	T. Morrow	T. Wingate	T.
T. Wolfcamp 9359	T. SBSS	T. Chinle	T.
T. Penn	T. Barnett	T. Permian	T.
T. Cisco (Bough C)	T. Rustler 2234'	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	From	To	Thickness In Feet	Lithology
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2 7/8 PUMP -OUT PLUG
12 PINS x 337.5= 4050psi

DOWN HOLE WELL PROFILE					
WELL NAME		HARVARD 6 FEE 2H-#1		DATE	
SUPERVISOR		RONNIE PRADO		TOOL HAND	
PHONE #		432-556-6514		PHONE #	
RIG #		T.B. RIG		FIELD TICKET #	
				7472	
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 (FTKB)
CASING DESCRIPTION	5 1/2			17	
WINDOW DESCRIPTION	9159				
OPEN HOLE DESCRIPTION	4 3/4			JUNCTION @	
DESCRIPTION					
STEERING DIRECTIONS					
DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)					
BOTTOM @	DESCRIPTION		LENGTH	ID	OD
11100.00	2 7/8 PUMP OUT PLUG		0.57	0.75	3.06
11099.43	2 JTS OF 2 7/8 6.5# EUE		65.43	2.44	2.88
11034.00	5.5 HYDRO PAK ANCHOR		5.45	2.38	4.63
11028.55	12 JTS OF 2 7/8 6.5# EUE		385.61	2.44	2.88
10642.94	5.5 ISO PAK #1		5.02	2.44	4.63
10637.92	3 JTS OF 2 7/8 6.5# EUE		98.32	2.44	2.88
10539.60	STRATA PORT #1 (1.50 SEAT)		2.20	1.50	4.00
10537.40	4 JTS OF 2 7/8 6.5# EUE		131.00	2.44	2.88
10406.40	5.5 ISO PAK #2		5.02	2.44	4.63
10401.38	9 JTS OF 2 7/8 6.5# EUE		289.77	2.44	2.88
10111.61	STRATA PORT #2 (1.75 SEAT)		2.20	1.75	4.00
10109.41	7 JTS OF 2 7/8 6.5# EUE		229.40	2.44	2.88
9880.01	5.5 ISO PAK #3		5.02	2.44	4.63
9874.99	5 JTS OF 2 7/8 6.5# EUE		163.90	2.44	2.87
9711.09	STRATA PORT #3 (2.00 SEAT)		2.20	2.00	4.00
9708.89	6 JTS OF 2 7/8 6.5# EUE		196.41	2.44	2.88
9512.48	5.5 ISO PAK #4		5.02	2.44	4.63
9507.46	ULTRAFX x 2 7/8 EUE CROSSOVER		1.75	2.44	3.63
9505.71	15 JTS OF 2 7/8 6.4# FX		470.62	2.44	3.06
9035.09	2 7/8 EUE x ULTRAFX CROSSOVER		1.11	2.44	3.69
9033.98	2 7/8 DOWNHOLE TUBING SWIVEL		1.32	2.44	3.63
9032.66	5.5 ARROWSET PACKER 15-20#		7.20	2.44	4.63
9025.46	2 7/8 EUE PIN x 2 7/8 EUE PIN X-OVER		0.65	2.44	3.13
9024.81	2 7/8 X 5 1/2 ON/OFF TOOL INVERTED		3.38	2.44	4.50
9021.43	2 7/8 AOH x 2 7/8 eue pin crossover		0.83	2.44	3.88
9020.60	287 JTS IN (143.5)		9039.13	2.15	0.00
-18.53	STICKUP		0.00	0.00	0.00
WEIGHT OF TUBING STRING			10.4	TOTAL STRING LENGTH	
PUSH / PULL TEST				STICK-UP OFF RIG FLOOR	
LINER STRING WEIGHT			6.5	TUBING BOTTOM	
				0 00	

**TOTAL MEASURED DEPTH
@ 11100FT**

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

REFERENCE SHEET FOR
UNDESIGNATED WELLS

	Fm	Pm	N	Pc
12-16 E	XX	XX		XX

paragraph

1. Date: 10/7/2008	
2. Type of Well: XXXXXXXXXX	
Oil: XX	Gas:
3. County: LEA	

4. Operator CIMAREX ENERGY CO		APT NUMBER 30 - 025 - 38513	
5. Address of Operator PO BOX 140907 IRVIN TX 75014			
6. Lease name or Unit Agreement Name >> HARVARD 6 FEE			7. Well Number # - 2
8. Well Location Unit Letter D/E 730/2595 feet from the N line and 430/441 feet from the W line Section 6 Township 15S Range 38E			

9. Completion Date 1/11/2008	11. Perts 9159	Top 11123	Bottom 11123	TD 11123
10. Name of Producing Formation(s) WOLFCAMP		12. Open Hole Casing shoe PBTD		

13. C-123 Filed Y N XX	Date 1/11/2008	15. Name of Pool Requested or temporary Wildcat designation DENTON;WOLFCAMP	Pool ID num 17290
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16. Remarks EXTEND

TO BE COMPLETED BY DISTRICT GEOLOGIST			
17. Action taken EXTEND	18. Pool Name DENTON;WOLFCAMP	Pool ID num 17290	
T 15 S, R 37 E SEC 24: NW/4 T 15 S, R 38 E SEC 6: N/2 and SW/4 SEC 7: SW/4			

19. Advertised for HEARING		20. Case Number	
21. Name of pool for which was advertised DENTON;WOLFCAMP		Pool ID num 17290	
22. Placed in Pool		23. By order number R-	