

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

RECEIVED

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

WELL API NO.
30-025-38513

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 _____
b. Type of Completion:
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.
WELL OVER BACK RESVR ☐ OTHER

7. Lease Name or Unit Agreement Name

Harvard 6 Fee

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
Denton Wolfcamp East

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 2340 Feet From The North Line and 441 430 Feet From The West Line
Section 6 Township 15S Range 38E NMPM County Lea

10. Date Spudded 10-16-07	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
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15. Total Depth TVD 9375' MTD 11123'	16. Plug Back T.D. TVD 9375' MTD 11123'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools Rotary	Cable Tools
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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)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13%	48	632'	17%	510 sx, circ 63 bbls	
8%	32	4572'	11"	1160 sx, circ 126 sx	
5%	17	9821'	7%	915 sx, TOC 2622'	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
2-7/8"	9035'	11100'	0		27/8"	8958'	8825'

26. Perforation record (interval, size, and number)
No perfs, PEAK Iso-Pak assembly used

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10643'-11100'	22988 gals 15% HCL, flush w/4015 gals Slickwater, drop 1.75" ball.
10406'-10643'	15232 gals 15% HCL, flush w/4005 gals Slickwater, drop 2" ball.
9880'-10406'	25062 gals 15% HCL, flush w/4063 gals Slickwater, drop 2.25" ball.
9512'-9880'	25340 gals 15% HCL, flush w/8899 gals slickwater, drop.

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	Choke Size Open	Prod'n For Test Period	Oil - Bbl 20	Gas - MCF 10	Water - Bbl. 28	Gas - Oil Ratio 500
Flow Tubing Press.	Casing Pressure	Calculated 24 Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	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

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.

Oil Conservation Division

Case No. 3

Exhibit No. 3

E-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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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:	
Oil: XX	Gas:
3. County: LEA	

4. Operator		API NUMBER	
CIMAREX ENERGY CO		30 - 025 - 38513	
5. Address of Operator			
PO BOX 140907			
IRVIN TX 75014			
6. Lease name or Unit Agreement Name			7. Well Number
HARVARD 6 FEE			# - 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	11/1/2008	11. Perfs	Top	Bottom	ID
			9159	11123	11123
10. Name of Producing Formation(s)	12. Open Hole Casing shoe		Bottom	P81D	
WOLFCAMP					

13. C-123 Filed	Date	15	Name of Pool Requested or temporary Wildcat designation	Pool ID num
Y	N	XX	DENTON;WOLFCAMP	17290

16. Remarks	EXTEND
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TO BE COMPLETED BY DISTRICT GEOLOGIST		
17. Action taken	18. Pool Name	Pool ID num
EXTEND	DENTON;WOLFCAMP	17290
T 15 S, R 37 E T 15 S, R 38 E SEC 24: NW/4 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	
22. Placed in Pool	23. By order number
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