

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

OCD Hobbs

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMNM127894
2. Name of Operator CIMAREX ENERGY COMPANY OF CO. Contact: DEYSI FAVELA Email: dfavela@cimarex.com		6. If Indian, Allottee or Tribe Name
3a. Address 600 NORTH MARIENFELD STREET, SUITE 600 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-620-1964	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 23 T23S R32E NWNE 330FNL 2055FEL		8. Well Name and No. DIAMONDTAIL 23 FEDERAL 5
		9. API Well No. 30-025-40771-00-X1
		10. Field and Pool, or Exploratory DIAMONDTAIL
		11. County or Parish, and State LEA COUNTY, NM

DEC 23 2013

RECEIVED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original APD
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Cimarex Energy respectfully requests BHL changes to the original APD:

Approved:
BHL 330' FSL & 2310' FEL
KOP 10634'
EOC 11083'
MD 15426'
TVD 10920'

Change to:
BHL 330' FSL & 2080 FEL
KOP 9123'

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #229166 verified by the BLM Well Information System For CIMAREX ENERGY COMPANY OF CO, sent to the Hobbs Committed to AFMSS for processing by JOHNNY DICKERSON on 12/11/2013 (14JLD0980SE)	
Name (Printed/Typed) DEYSI FAVELA	Title DRILLING TECHNICIAN
Signature (Electronic Submission)	Date 12/10/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By CHRISTOPHER WALLS	Title PETROLEUM ENGINEER	Date 12/17/2013
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Petroleum Engineer
		Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

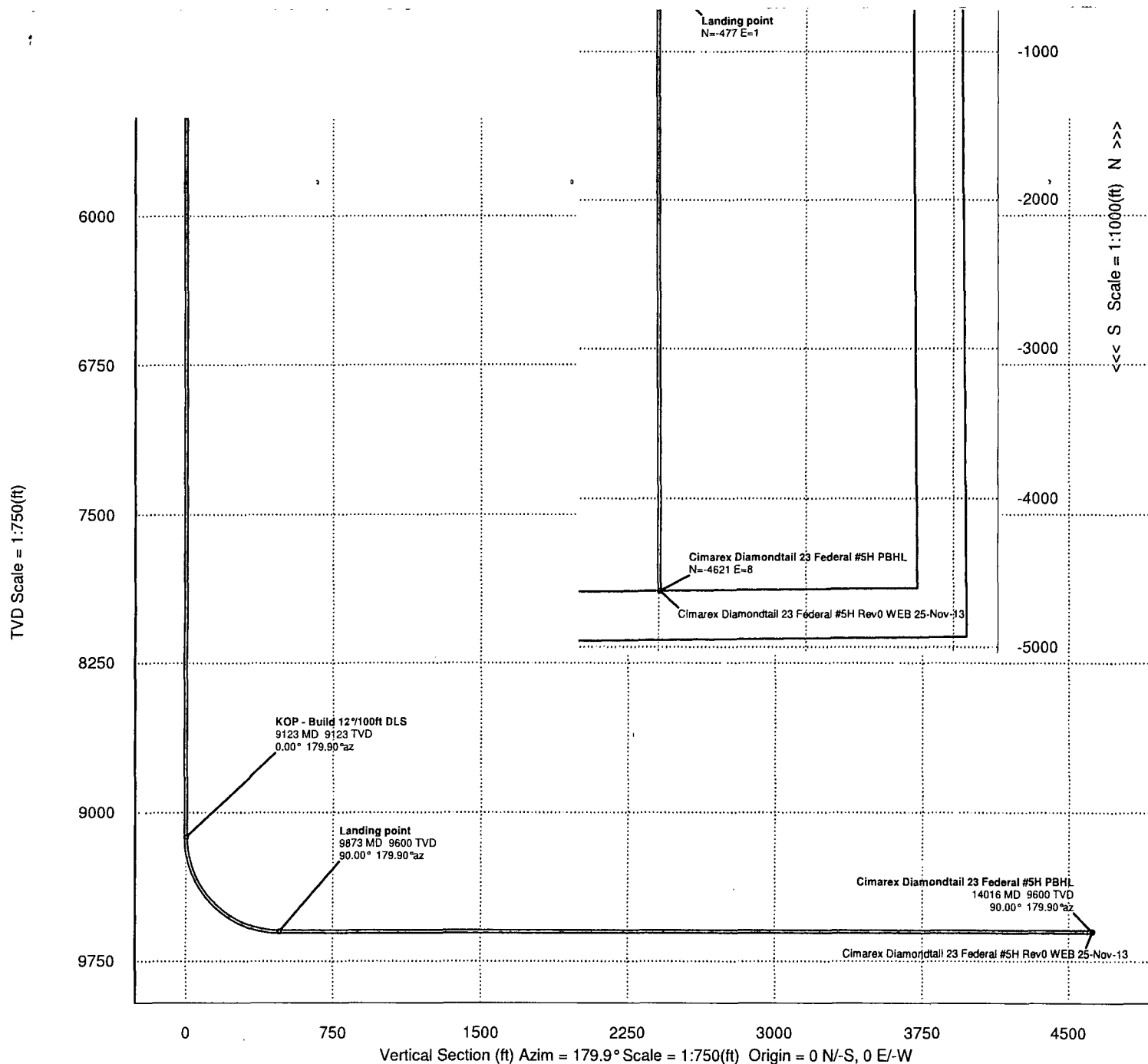
DEC 30 2013

Additional data for EC transaction #229166 that would not fit on the form

32. Additional remarks, continued

EOC 9873'
MD 14016'
TVD 9600'

See Attachments



Critical Points

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+)/S(-)	E(+)/W(-)	DLS
SHL Cimarex Diamondtail 23 Federal #5H	0.00	0.00	179.90	0.00	0.00	0.00	0.00	
KOP - Build 12"/100ft DLS	9122.50	0.00	179.90	9122.50	0.00	0.00	0.00	0.00
Landing point	9872.56	90.00	179.90	9600.00	477.50	-477.50	0.79	12.00
Cimarex Diamondtail 23 Federal #5H PBHL	14016.35	90.00	179.90	9600.00	4621.30	-4621.29	7.80	0.00



Cimarex Diamondtail 23 Federal #5H Rev0 WEB 25-Nov-13 Proposal Report

100' Interpolated

(Non-Def Plan)



Report Date: November 25, 2013 - 04:29 PM
 Client: Cimarex
 Field: NM Lea County (NAD 83)
 Structure / Slot: Scandrill Eagle / Cimarex Diamondtail 23 Federal #5H
 Well: Cimarex Diamondtail 23 Federal #5H
 Borehole: Original Hole
 UWI / API#: Unknown / Unknown
 Survey Name: Cimarex Diamondtail 23 Federal #5H Rev0 WEB 25-Nov-13
 Survey Date: November 25, 2013
 Tort / AHD / DDI / ERD Ratio: 90.004 ° / 4621.295 ft / 5.783 / 0.481
 Coordinate Reference System: NAD83 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 17' 47.67258", W 103° 38' 36.68787"
 Location Grid N/E Y/X: N 472312.400 ftUS, E 754481.100 ftUS
 CRS Grid Convergence Angle: 0.3686 °
 Grid Scale Factor: 0.99996112

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 179.903 ° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 3749.000 ft above MSL
 Seabed / Ground Elevation: 3724.000 ft above MSL
 Magnetic Declination: 7.433 °
 Total Gravity Field Strength: 998.4618mgn (9.80665 Based)
 Total Magnetic Field Strength: 48389.851 nT
 Magnetic Dip Angle: 60.168 °
 Declination Date: November 25, 2013
 Magnetic Declination Model: BGGM 2013
 North Reference: Grid North
 Grid Convergence Used: 0.3686 °
 Total Corr Mag North->Grid North: 7.0642 °
 Local Coord Referenced To: Structure Reference Point

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)
SHL Cimarex Diamondtail 23 Federal #5H	0.00	0.00	179.90	0.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	N/A
	100.00	0.00	179.90	100.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	200.00	0.00	179.90	200.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	300.00	0.00	179.90	300.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	400.00	0.00	179.90	400.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	500.00	0.00	179.90	500.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	600.00	0.00	179.90	600.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	700.00	0.00	179.90	700.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	800.00	0.00	179.90	800.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	900.00	0.00	179.90	900.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1000.00	0.00	179.90	1000.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1100.00	0.00	179.90	1100.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1200.00	0.00	179.90	1200.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1300.00	0.00	179.90	1300.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1400.00	0.00	179.90	1400.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1500.00	0.00	179.90	1500.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1600.00	0.00	179.90	1600.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1700.00	0.00	179.90	1700.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1800.00	0.00	179.90	1800.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	1900.00	0.00	179.90	1900.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2000.00	0.00	179.90	2000.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2100.00	0.00	179.90	2100.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2200.00	0.00	179.90	2200.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2300.00	0.00	179.90	2300.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2400.00	0.00	179.90	2400.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2500.00	0.00	179.90	2500.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2600.00	0.00	179.90	2600.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	2700.00	0.00	179.90	2700.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00

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Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)
KOP - Build 12"/100ft DLS	8300.00	0.00	179.90	8300.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	8400.00	0.00	179.90	8400.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	8500.00	0.00	179.90	8500.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	8600.00	0.00	179.90	8600.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	8700.00	0.00	179.90	8700.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	8800.00	0.00	179.90	8800.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	8900.00	0.00	179.90	8900.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	9000.00	0.00	179.90	9000.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	9100.00	0.00	179.90	9100.00	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	9122.50	0.00	179.90	9122.50	0.00	0.00	0.00	472312.40	754481.10	N 32 17 47.67	W 103 38 36.69	0.00	0.00	0.00
	9200.00	9.30	179.90	9199.66	6.28	-6.28	0.01	472306.12	754481.11	N 32 17 47.61	W 103 38 36.69	6.28	179.90	12.00
	9300.00	21.30	179.90	9295.94	32.61	-32.61	0.05	472279.79	754481.15	N 32 17 47.35	W 103 38 36.69	32.61	179.90	12.00
	9400.00	33.30	179.90	9384.64	78.39	-78.39	0.13	472234.01	754481.23	N 32 17 46.90	W 103 38 36.69	78.39	179.90	12.00
	9500.00	45.30	179.90	9461.89	141.61	-141.61	0.24	472170.80	754481.34	N 32 17 46.27	W 103 38 36.70	141.61	179.90	12.00
	9600.00	57.30	179.90	9524.30	219.51	-219.51	0.36	472092.90	754481.46	N 32 17 45.50	W 103 38 36.70	219.51	179.90	12.00
	9700.00	69.29	179.90	9569.16	308.68	-308.68	0.51	472003.74	754481.61	N 32 17 44.62	W 103 38 36.71	308.68	179.90	12.00
	9800.00	81.29	179.90	9594.50	405.22	-405.22	0.67	471907.19	754481.77	N 32 17 43.66	W 103 38 36.71	405.22	179.90	12.00
Landing point	9872.56	90.00	179.90	9600.00	477.50	-477.50	0.79	471834.92	754481.89	N 32 17 42.95	W 103 38 36.71	477.50	179.90	12.00
	9900.00	90.00	179.90	9600.00	504.94	-504.94	0.84	471807.48	754481.94	N 32 17 42.68	W 103 38 36.72	504.94	179.90	0.00
	10000.00	90.00	179.90	9600.00	604.94	-604.94	1.00	471707.48	754482.10	N 32 17 41.69	W 103 38 36.72	604.94	179.90	0.00
	10100.00	90.00	179.90	9600.00	704.94	-704.94	1.17	471607.49	754482.27	N 32 17 40.70	W 103 38 36.73	704.94	179.90	0.00
	10200.00	90.00	179.90	9600.00	804.94	-804.94	1.34	471507.49	754482.44	N 32 17 39.71	W 103 38 36.73	804.94	179.90	0.00
	10300.00	90.00	179.90	9600.00	904.94	-904.94	1.50	471407.49	754482.60	N 32 17 38.72	W 103 38 36.74	904.94	179.90	0.00
	10400.00	90.00	179.90	9600.00	1004.94	-1004.94	1.67	471307.50	754482.77	N 32 17 37.73	W 103 38 36.74	1004.94	179.90	0.00
	10500.00	90.00	179.90	9600.00	1104.94	-1104.94	1.84	471207.50	754482.94	N 32 17 36.74	W 103 38 36.75	1104.94	179.90	0.00
	10600.00	90.00	179.90	9600.00	1204.94	-1204.94	2.00	471107.51	754483.10	N 32 17 35.75	W 103 38 36.75	1204.94	179.90	0.00
	10700.00	90.00	179.90	9600.00	1304.94	-1304.94	2.17	471007.51	754483.27	N 32 17 34.76	W 103 38 36.76	1304.94	179.90	0.00
	10800.00	90.00	179.90	9600.00	1404.94	-1404.94	2.34	470907.51	754483.44	N 32 17 33.77	W 103 38 36.77	1404.94	179.90	0.00
	10900.00	90.00	179.90	9600.00	1504.94	-1504.94	2.51	470807.52	754483.61	N 32 17 32.78	W 103 38 36.77	1504.94	179.90	0.00
	11000.00	90.00	179.90	9600.00	1604.94	-1604.94	2.67	470707.52	754483.77	N 32 17 31.79	W 103 38 36.78	1604.94	179.90	0.00
	11100.00	90.00	179.90	9600.00	1704.94	-1704.94	2.84	470607.53	754483.94	N 32 17 30.80	W 103 38 36.78	1704.94	179.90	0.00
	11200.00	90.00	179.90	9600.00	1804.94	-1804.94	3.01	470507.53	754484.11	N 32 17 29.81	W 103 38 36.79	1804.94	179.90	0.00
	11300.00	90.00	179.90	9600.00	1904.94	-1904.94	3.18	470407.54	754484.28	N 32 17 28.82	W 103 38 36.79	1904.94	179.90	0.00
	11400.00	90.00	179.90	9600.00	2004.94	-2004.94	3.35	470307.54	754484.45	N 32 17 27.83	W 103 38 36.80	2004.94	179.90	0.00
	11500.00	90.00	179.90	9600.00	2104.94	-2104.94	3.51	470207.54	754484.61	N 32 17 26.84	W 103 38 36.80	2104.94	179.90	0.00
	11600.00	90.00	179.90	9600.00	2204.94	-2204.94	3.68	470107.55	754484.78	N 32 17 25.85	W 103 38 36.81	2204.94	179.90	0.00
	11700.00	90.00	179.90	9600.00	2304.94	-2304.94	3.85	470007.55	754484.95	N 32 17 24.87	W 103 38 36.82	2304.94	179.90	0.00
	11800.00	90.00	179.90	9600.00	2404.94	-2404.94	4.02	469907.56	754485.12	N 32 17 23.88	W 103 38 36.82	2404.94	179.90	0.00
	11900.00	90.00	179.90	9600.00	2504.94	-2504.94	4.19	469807.56	754485.29	N 32 17 22.89	W 103 38 36.83	2504.94	179.90	0.00
	12000.00	90.00	179.90	9600.00	2604.94	-2604.94	4.36	469707.57	754485.46	N 32 17 21.90	W 103 38 36.83	2604.94	179.90	0.00
	12100.00	90.00	179.90	9600.00	2704.94	-2704.94	4.53	469607.57	754485.63	N 32 17 20.91	W 103 38 36.84	2704.94	179.90	0.00
	12200.00	90.00	179.90	9600.00	2804.94	-2804.94	4.70	469507.57	754485.80	N 32 17 19.92	W 103 38 36.84	2804.94	179.90	0.00
	12300.00	90.00	179.90	9600.00	2904.94	-2904.94	4.87	469407.58	754485.97	N 32 17 18.93	W 103 38 36.85	2904.94	179.90	0.00
	12400.00	90.00	179.90	9600.00	3004.94	-3004.94	5.04	469307.58	754486.14	N 32 17 17.94	W 103 38 36.85	3004.94	179.90	0.00
	12500.00	90.00	179.90	9600.00	3104.94	-3104.94	5.21	469207.59	754486.31	N 32 17 16.95	W 103 38 36.86	3104.94	179.90	0.00
	12600.00	90.00	179.90	9600.00	3204.94	-3204.94	5.38	469107.59	754486.48	N 32 17 15.96	W 103 38 36.87	3204.94	179.90	0.00
	12700.00	90.00	179.90	9600.00	3304.94	-3304.94	5.55	469007.60	754486.65	N 32 17 14.97	W 103 38 36.87	3304.94	179.90	0.00
	12800.00	90.00	179.90	9600.00	3404.94	-3404.94	5.72	468907.60	754486.82	N 32 17 13.98	W 103 38 36.88	3404.94	179.90	0.00
	12900.00	90.00	179.90	9600.00	3504.94	-3504.94	5.89	468807.60	754486.99	N 32 17 12.99	W 103 38 36.88	3504.94	179.90	0.00
	13000.00	90.00	179.90	9600.00	3604.94	-3604.94	6.06	468707.61	754487.16	N 32 17 12.00	W 103 38 36.89	3604.94	179.90	0.00
	13100.00	90.00	179.90	9600.00	3704.94	-3704.94	6.23	468607.61	754487.33	N 32 17 11.01	W 103 38 36.89	3704.94	179.90	0.00
	13200.00	90.00	179.90	9600.00	3804.94	-3804.94	6.40	468507.62	754487.50	N 32 17 10.02	W 103 38 36.90	3804.94	179.90	0.00
	13300.00	90.00	179.90	9600.00	3904.94	-3904.94	6.57	468407.62	754487.67	N 32 17 9.03	W 103 38 36.90	3904.94	179.90	0.00
	13400.00	90.00	179.90	9600.00	4004.94	-4004.94	6.74	468307.62	754487.84	N 32 17 8.04	W 103 38 36.91	4004.94	179.90	0.00

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)	DLS (%/100ft)
	13500.00	90.00	179.90	9600.00	4104.94	-4104.94	6.91	468207.63	754488.01	N 32 17 7.05	W 103 38 36.91	4104.94	179.90	0.00
	13600.00	90.00	179.90	9600.00	4204.94	-4204.94	7.08	468107.63	754488.18	N 32 17 6.06	W 103 38 36.92	4204.94	179.90	0.00
	13700.00	90.00	179.90	9600.00	4304.94	-4304.94	7.26	468007.64	754488.36	N 32 17 5.08	W 103 38 36.93	4304.94	179.90	0.00
	13800.00	90.00	179.90	9600.00	4404.94	-4404.94	7.43	467907.64	754488.53	N 32 17 4.09	W 103 38 36.93	4404.94	179.90	0.00
	13900.00	90.00	179.90	9600.00	4504.94	-4504.94	7.60	467807.65	754488.70	N 32 17 3.10	W 103 38 36.94	4504.94	179.90	0.00
	14000.00	90.00	179.90	9600.00	4604.94	-4604.94	7.77	467707.65	754488.87	N 32 17 2.11	W 103 38 36.94	4604.94	179.90	0.00
Cimarex Diamondtail 23 Federal #5H PBHL	14016.35	90.00	179.90	9600.00	4621.30	-4621.29	7.80	467691.30	754488.90	N 32 17 1.95	W 103 38 36.94	4621.30	179.90	0.00

Survey Type: Non-Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma
Survey Program:

Description	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	0.000	25.000	1/100.000	30.000	30.000	SLB_MWD-POOR-Depth Only	Original Hole / Cimarex Diamondtail 23 Federal #5H Rev0
	25.000	9122.500	1/100.000	30.000	30.000	SLB_MWD-POOR	Original Hole / Cimarex Diamondtail 23 Federal #5H Rev0
	9122.500	14016.351	1/100.000	30.000	30.000	SLB_MWD-STD	Original Hole / Cimarex Diamondtail 23 Federal #5H Rev0

DISTRICT I
1025 N. French Dr., Hobbs, NM 88240
Phone (505) 593-0101 Fax: (505) 593-0120

DISTRICT II
611 S. First St., Artesia, NM 88210
Phone (505) 740-1883 Fax: (505) 740-0720

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 331-0178 Fax: (505) 331-0170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3100 Fax: (505) 476-3102

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-440771	Pool Code	Pool Name Diamondtail; Bone Spring
Property Code	Property Name DIAMONDTAIL 23 FEDERAL	Well Number 5
GRID No. 162683	Operator Name CIMAREX ENERGY CO.	Elevation 3724'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	23	23 S	32 E		330	NORTH	2055	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	23	23 S	32 E		330	SOUTH	2080	EAST	LEA
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

SURFACE LOCATION Lat - N 32°17'47.67" Long - W 103°30'36.69" NMSPC- N 472312.4 E 754401.1 (NAD-83)	3722.7' 3723.3' S.L. 3725.3' 3728.0' 2055' NMMN127894	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Deysi Favela</i> 12/10/2013 Signature Date Printed Name dfavela@cimarex.com Email Address
PROPOSED BOTTOM HOLE LOCATION Lat - N 32°17'01.94" Long - W 103°30'36.94" NMSPC- N 487691.3 E 754488.9 (NAD-83)	B.H. 330' 2080'	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. GARY L. JONES FEBRUARY 25, 2012 Date Signed Signature & Seal of Professional Surveyor 26195 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 26195