

DISTRICT I
1626 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 Department

Form C-102
Revised October 15, 2009

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 30-015-38465	Pool Code 49622	Pool Name Parkway; Bone Spring
Property Code 300505	Property Name SUPERIOR FEDERAL	Well Number 10
GRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3323'

Surface Location

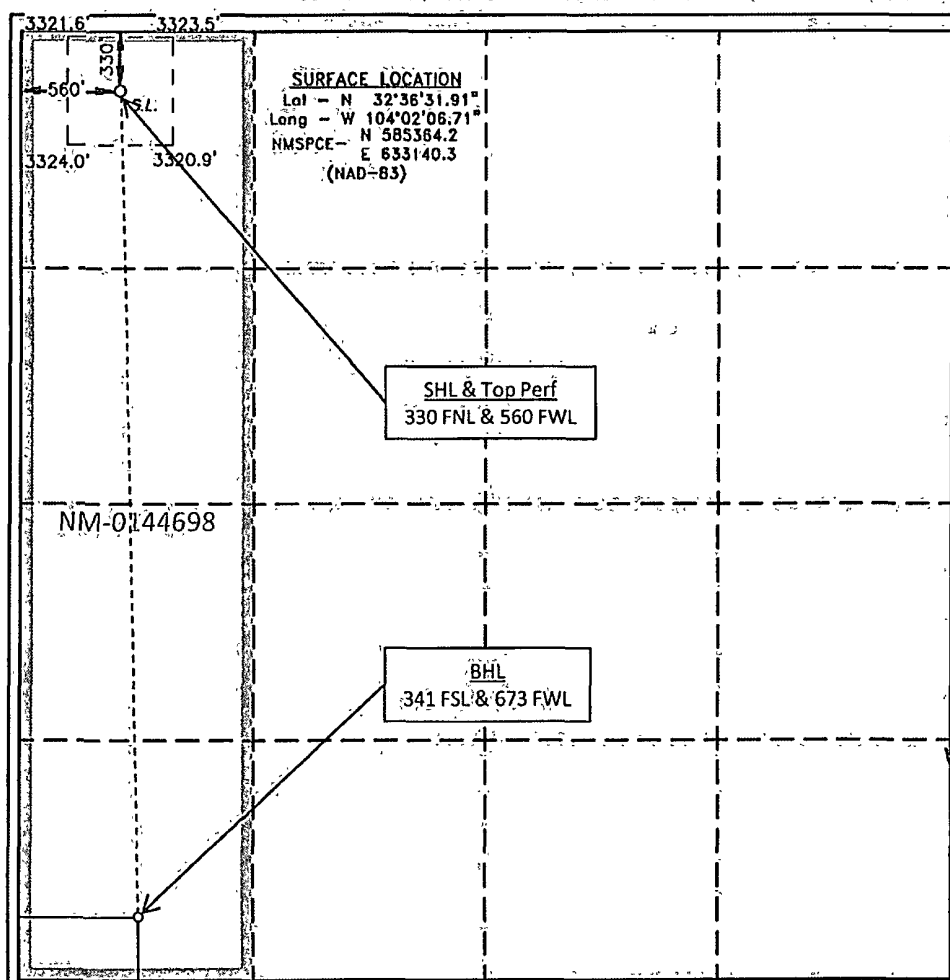
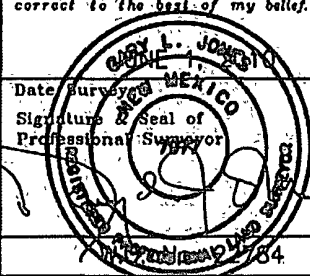
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	1	20 S	29 E		330	NORTH	560	WEST	EDDY

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
M	1	20 S	29 E		341	SOUTH	673	WEST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.
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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

	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>Natalie Krueger</i> 8/26/2011 Signature Date Natalie Krueger Printed Name 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.  Date Surveyed Signature & Seal of Professional Surveyor Certificate No. Gary L. Jones 7977 BASIN SURVEYS
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Operator: Cimarex Energy Co. of Colorado
Well/Lease: Superior Federal No. 10
API Number: 30-015-38465
County: Eddy, NM

State of New Mexico
Deviation Report

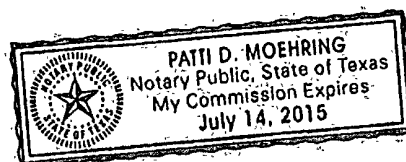
194'	0.30
321'	0.40
625'	1.00
906'	3.20
1001'	3.50
1095'	3.80
1220'	3.30
1283'	2.60
1314'	1.90
1408'	1.50
1566'	1.10
1633'	0.25
2066'	0.50
2560'	0.50
3032'	0.50
3594'	0.50
3971'	0.50
4389'	0.50
4780'	0.50
5192'	0.50
5615'	0.50
5993'	0.50
6348'	0.50
6697'	0.50
7098'	0.50
7450'	0.50
7906'	0.50
8330'	0.50

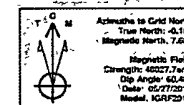
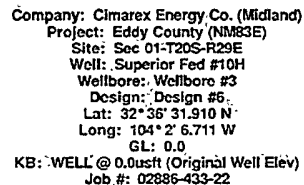
State of: New Mexico
County of: Eddy

The foregoing instrument was acknowledged before me on 8-24-11, by
Richard Peter, on behalf of Key Energy

Patti D. Moehring
Notary Public For: Texas

My Commission Expires: 7/14/15





REFERENCE INFORMATION	
Co-ordinate (NUT) Reference:	Well Superior Fed #10H, Grid North
Vertical (TYD) Reference:	WCLL @ 0.0mst (Original Well Clay)
Section (VS) Reference:	Clay @ (0.0H, 0.0C)
Measured Depth Reference:	WCLL @ 0.0mst (Original Well Clay)
Calculation Method:	Measure Clay only

WELL DETAILS: Superior Fod #1094					
WELL-S	CDW	Nebraska	Ground Level:	0.0	
0.0	0.0	FT/24.70	Easting	Latitude	Chd
			7232447.0	72320721.015N	
				Longitude	
				104° 24.211W	

WELLDORC TARGET DETAILS (PLATONIC)
No target data is available.

SECTION DETAILS									
MD	Inc	Asst	TYD	HA-S	CD-W	Darg	TFact	VSect	
6785.0	92.40	194.20	8233.17	-313.2	-10.00	0.00	0.00	318.2	
6909.7	93.84	176.18	8329.0	-115.3	-176.3	8.00	-0.779	311.7	
12162.4	98.84	176.10	8348.0	-6640.1	91.6	0.00	0.00	4641.0	

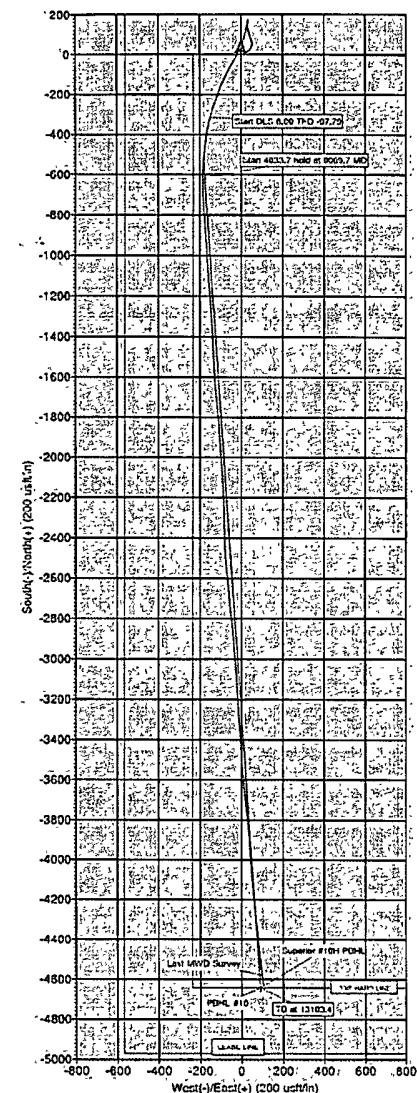
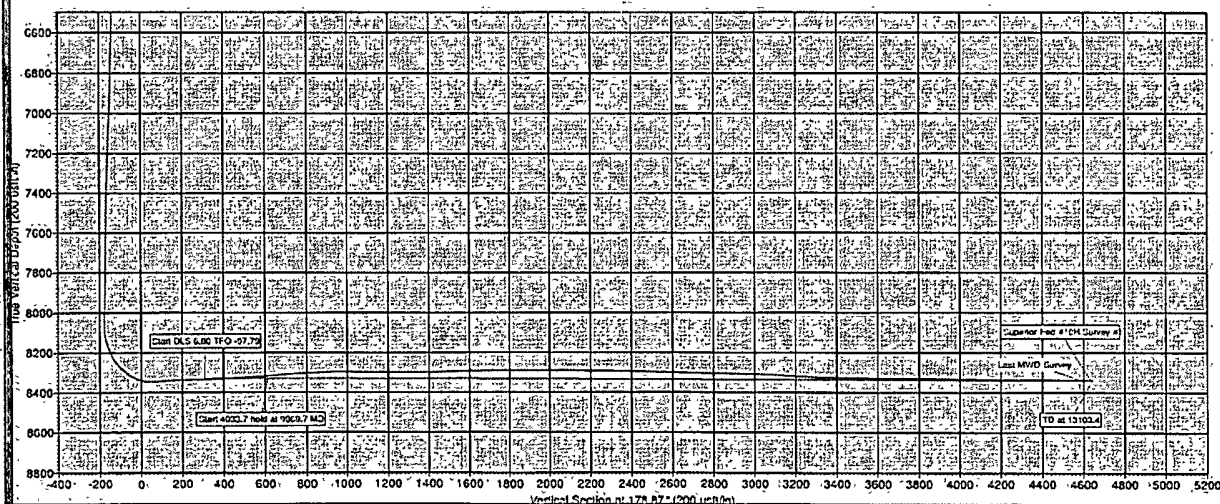
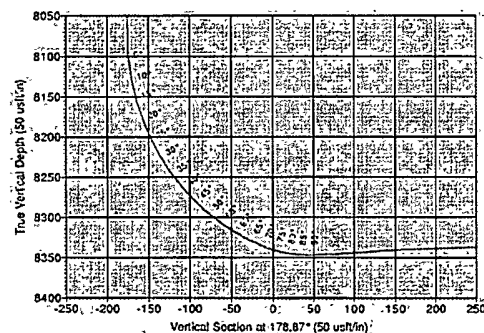
PROJECT DETAILS: Eddy County (MURKIN)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
EPCOD: GPS 1980
Zone: New Mexico Eastern Zone
Datum Datum: Mean Sea Level

SITE DETAILS: See 01-T205-R20C.

Site Centre Latitude: 32° 36' 31.918 N
Longitude: 104° 2' 0.711 W

Positional Uncertainty: 0.0
Convergence: 0.18

Orion - Callisto Probe Data	
MS Designation	US Space Team 1963
Dubious (if relevant)	North American Catalogue 1962-1963 (NAO)
Other Name	Callisto
Local Design	and Temporal Feb 1964
Latitude	32° 36' 21.9438 N
Longitude	104° 17' 5.7114 W
Orbit Data	
Orbit Type	RTS (Mars)
Lat of Asc	366.2639
Lat of Des	36.2
Local Hour	8.3
Time of Day	11.5
Scale Factor	1.00000000
Other Name	US Space Team 1963
Latitude	32° 36' 21.9438 N
Longitude	104° 17' 5.7114 W
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Lat of Asc	366.2639
Lat of Des	36.2
Local Hour	8.3
Time of Day	1



Cimarex Energy Co. (Midland)

Eddy County (NM83E)

Sec 01-T20S-R29E

Superior Fed #10H

Wellbore #3

Survey: Survey #1

Standard Survey Report

07 June, 2011

Great White Directional Services

Survey Report

Company:	Cimarex Energy Co. (Midland)	Local Co-ordinate Reference:	Well Superior Fed #10H
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Sec 01-T20S-R29E	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Superior Fed #10H	North Reference:	Grid
Wellbore:	Wellbore #3	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #3	Database:	EDM 5000.1 Single User Db

Project:	Eddy County (NM83E)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 01-T20S-R29E				
Site Position:		Northing:	585,364.20 usft	Latitude:	32° 36' 31.910 N
From:	Map	Easting:	633,140.30 usft	Longitude:	104° 2' 6.711 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.16 °

Well	Superior Fed #10H					
Well Position	+N/-S	0.0 usft	Northing:	585,364.20 usft	Latitude:	32° 36' 31.910 N
	+E/-W	0.0 usft	Easting:	633,140.30 usft	Longitude:	104° 2' 6.711 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft	Ground Level:	0.0 usft	

Wellbore:	Wellbore #3				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	05/27/11	7.84	60.46	48,828

Design:	Wellbore #3				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie Off Depth:	8,765.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction	
	(usft)	(usft)	(usft)	(°)	
	0.0	0.0	0.0	178.87	

Survey Program		Date: 06/03/11		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
117.1	7,979.4	Survey #1-Gyro (Wellbore #1)	NS-GYRO-MS	North sensing gyrocompassing m/s
8,005.0	8,765.0	Survey #1 (Wellbore #2)	MWD	MWD - Standard
8,828.0	13,098.0	Survey #1 (Wellbore #3)	MWD	MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,765.0	92.40	194.30	8,335.1	-313.2	-148.6	310.3	0.00	0.00	0.00
8,828.0	93.60	190.60	8,331.8	-374.7	-162.1	371.4	6.17	1.90	-5.87
8,891.0	92.30	187.50	8,328.5	-436.8	-172.0	433.3	5.33	-2.06	-4.92
8,954.0	93.10	185.30	8,325.6	-499.3	-179.0	495.7	3.71	1.27	-3.49
9,018.0	94.20	183.50	8,321.5	-563.0	-183.9	559.3	3.29	1.72	-2.81
9,081.0	94.80	181.60	8,316.5	-625.7	-186.7	621.9	3.15	0.95	-3.02
9,144.0	95.00	177.70	8,311.2	-688.5	-186.3	684.7	6.18	0.32	-6.19
9,207.0	93.50	175.50	8,306.5	-751.2	-182.6	747.5	4.22	-2.38	-3.49
9,271.0	92.60	175.20	8,303.1	-814.9	-177.4	811.2	1.48	-1.41	-0.47

Great White Directional Services

Survey Report

Company:	Cimarex Energy Co. (Midland)	Local Co-ordinate Reference:	Well Superior Fed #10H
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
Site:	Sec 01-T20S-R29E	MD Reference:	WELL @ 0.0usft (Original Well Elev)
Well:	Superior Fed #10H	North Reference:	Grid
Wellbore:	Wellbore #3	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #3	Database:	EDM 5000.1 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
9,335.0	92.50	175.60	8,300.2	-878.6	-172.3	875.1	0.64	-0.16	0.63	
9,398.0	92.00	177.20	8,297.8	-941.5	-168.3	938.0	-2.66	-0.79	2.54	
9,461.0	88.70	176.70	8,297.4	-1,004.4	-165.0	1,000.9	-5.30	-5.24	-0.79	
9,524.0	89.20	176.10	8,298.5	-1,067.2	-161.0	1,063.8	-1.24	0.79	-0.95	
9,586.0	90.20	175.60	8,298.9	-1,129.1	-156.6	1,125.8	-1.80	1.61	-0.81	
9,649.0	90.20	176.30	8,298.6	-1,191.9	-152.1	1,188.7	-1.11	0.00	1.11	
9,713.0	89.40	176.50	8,298.9	-1,255.8	-148.1	1,252.6	-1.29	-1.25	0.31	
9,776.0	90.00	175.60	8,299.2	-1,318.6	-143.7	1,315.5	-1.72	0.95	-1.43	
9,840.0	90.60	176.70	8,298.9	-1,382.5	-139.4	1,379.5	-1.96	0.94	1.72	
9,903.0	90.90	177.50	8,298.0	-1,445.4	-136.3	1,442.4	-1.36	0.48	1.27	
9,966.0	92.10	178.00	8,296.4	-1,508.3	-133.8	1,505.4	-2.06	1.90	0.79	
10,029.0	91.70	176.50	8,294.3	-1,571.2	-130.8	1,568.3	-2.46	-0.63	-2.38	
10,092.0	91.70	175.60	8,292.4	-1,634.0	-126.4	1,631.2	-1.43	0.00	-1.43	
10,156.0	90.70	174.90	8,291.1	-1,697.8	-121.1	1,695.1	-1.91	-1.56	-1.09	
10,218.0	90.10	174.20	8,290.6	-1,759.5	-115.2	1,756.9	-1.49	-0.97	-1.13	
10,281.0	89.50	174.40	8,290.9	-1,822.2	-109.0	1,819.7	-1.00	-0.95	0.32	
10,344.0	89.10	177.40	8,291.6	-1,885.0	-104.5	1,882.6	-4.80	-0.63	4.76	
10,407.0	90.20	176.60	8,292.0	-1,947.9	-101.2	1,945.6	-2.16	1.75	-1.27	
10,470.0	91.50	175.90	8,291.1	-2,010.8	-97.1	2,008.5	-2.34	2.06	-1.11	
10,533.0	89.50	175.90	8,290.5	-2,073.6	-92.6	2,071.4	-3.17	-3.17	0.00	
10,597.0	88.80	176.80	8,291.5	-2,137.5	-88.5	2,135.3	-1.78	-1.09	1.41	
10,659.0	88.70	177.64	8,292.8	-2,199.4	-85.5	2,197.3	-1.37	-0.16	1.36	
10,723.0	90.40	179.10	8,293.3	-2,263.4	-83.7	2,261.3	-3.50	2.66	2.28	
10,786.0	88.90	179.00	8,293.7	-2,326.4	-82.6	2,324.3	-2.39	-2.38	-0.16	
10,849.0	89.10	178.00	8,294.8	-2,389.3	-81.0	2,387.3	-1.82	0.32	-1.59	
10,912.0	87.70	176.90	8,296.6	-2,452.2	-78.2	2,450.2	-2.83	-2.22	-1.75	
10,976.0	88.20	175.20	8,298.9	-2,516.0	-73.8	2,514.1	-2.77	0.78	-2.66	
11,038.0	89.30	175.20	8,300.2	-2,577.8	-68.6	2,576.0	-1.77	1.77	0.00	
11,103.0	88.30	174.80	8,301.6	-2,642.6	-62.9	2,640.8	-1.66	-1.54	-0.62	
11,166.0	88.20	174.80	8,303.5	-2,705.3	-57.2	2,703.6	-0.16	-0.16	0.00	
11,230.0	89.00	174.80	8,305.1	-2,769.0	-51.4	2,767.4	-1.25	1.25	0.00	
11,293.0	90.60	174.10	8,305.3	-2,831.7	-45.3	2,830.2	-2.77	-2.54	-1.11	
11,356.0	88.70	175.10	8,305.7	-2,894.4	-39.4	2,893.1	-3.41	-3.02	1.59	
11,420.0	88.80	175.60	8,307.1	-2,958.2	-34.2	2,956.9	-0.80	0.16	0.78	
11,483.0	87.50	175.50	8,309.1	-3,020.9	-29.3	3,019.8	-2.07	-2.06	-0.16	
11,546.0	86.20	176.60	8,312.6	-3,083.7	-25.0	3,082.6	-2.70	-2.06	-1.75	
11,609.0	86.30	176.40	8,316.7	-3,146.4	-21.1	3,145.4	-0.35	0.16	-0.32	
11,673.0	86.90	177.20	8,320.5	-3,210.2	-17.6	3,209.3	-1.56	0.94	1.25	
11,736.0	87.40	176.80	8,323.6	-3,273.1	-14.3	3,272.2	-1.02	0.79	-0.63	
11,799.0	87.70	175.90	8,326.3	-3,335.9	-10.3	3,335.0	-1.50	0.48	-1.43	
11,863.0	89.40	176.20	8,327.9	-3,399.7	-5.9	3,398.9	-2.70	2.66	0.47	
11,926.0	89.60	175.80	8,328.5	-3,462.6	-1.5	3,461.8	-0.71	0.32	-0.63	
11,990.0	89.90	176.20	8,328.8	-3,526.4	3.0	3,525.8	-0.78	0.47	0.63	

Great White Directional Services

Survey Report

Company:	Cimarex Energy Co. (Midland)	Local Co-ordinate Reference:	Well Superior Fed #10H
Project:	Eddy County (NM83E)	TVD Reference:	WELL @ 0.0usft (Original Well Elev)
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Well:	Superior Fed #10H	North Reference:	Grid
Wellbore:	Wellbore #3	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #3	Database:	EDM 5000.1 Single User Db

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
12,053.0	90.00	175.20	8,328.8	-3,589.2	7.7	3,588.7	1.60	0.16	-1.59
12,166.0	89.60	173.80	8,329.2	-3,701.7	18.5	3,701.3	1.29	-0.35	-1.24
12,180.0	88.80	173.90	8,329.4	-3,715.6	20.0	3,715.3	5.76	-5.71	0.71
12,243.0	90.20	173.70	8,330.0	-3,778.2	26.8	3,778.0	2.24	2.22	-0.32
12,306.0	89.50	175.40	8,330.1	-3,841.0	32.8	3,840.9	2.92	-1.11	2.70
12,368.0	89.20	176.30	8,330.8	-3,902.8	37.3	3,902.8	1.53	-0.48	1.45
12,432.0	88.00	176.00	8,332.4	-3,966.6	41.6	3,966.7	1.93	-1.88	-0.47
12,495.0	89.80	175.80	8,333.6	-4,029.4	46.1	4,029.6	2.87	2.86	-0.32
12,558.0	87.40	175.30	8,335.1	-4,092.2	51.0	4,092.4	3.89	-3.81	-0.79
12,621.0	88.70	174.80	8,337.3	-4,155.0	56.4	4,155.3	2.21	2.06	-0.79
12,684.0	89.40	174.50	8,338.3	-4,217.7	62.3	4,218.1	1.21	1.11	-0.48
12,747.0	90.90	174.20	8,338.2	-4,280.4	68.5	4,280.9	2.43	2.38	-0.48
12,810.0	90.90	174.80	8,337.2	-4,343.1	74.5	4,343.7	0.95	0.00	0.95
12,873.0	89.80	174.80	8,336.8	-4,405.8	80.3	4,406.5	1.75	-1.75	0.00
12,937.0	88.70	174.00	8,337.6	-4,469.5	86.5	4,470.3	2.13	-1.72	-1.25
13,000.0	90.20	174.30	8,338.2	-4,532.2	92.9	4,533.1	2.43	2.38	0.48
13,046.0	91.00	172.70	8,337.7	-4,577.9	98.1	4,578.9	3.89	1.74	-3.48
13,098.0	91.00	172.70	8,336.8	-4,629.4	104.7	4,630.6	0.00	0.00	0.00

Measured Depth (usft)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Comment
13,046.0	8,337.7	-4,577.9	98.1	Last MWD Survey
13,098.0	8,336.8	-4,629.4	104.7	Projection to Bit

Checked By: _____ Approved By: _____ Date: _____

**Cimarex Energy Co. of Colorado**

Superior Fed 10H

SHL: 330' FNL & 560' FWL

BHL: 330' FSL & 660' FWL

Sec 1 - T20S - R29E, Eddy County NM

M. Ketter

API: 30-015-38465

6/28/2011

20" 94# H40 @ 329'

ECP @ DV tool @ 1419'

13-3/8" 61# J55 BTC @ 1590'

Cmt'd w/1270 sxs, circl'd cmt

9 5/8" 40# J55 LTC @ 3454'

Cmt'd w/983 sxs, circl'd cmt

Quantity	Description	Length	Setting Depth
	KB		
240	2-7/8" Tbg		
1	Sub Pump		7974 34'
2	2-7/8" Tbg w/Bull Plug		8076 16'

2nd Bone Spring Perfs:8476'-9201', 9439'-10,161', 10,399'-11,121', 11,359'-12,081',
12,559'-13,041'

5-1/2" 17# P110 BTC @ 8057'

5-1/2" 17# BTC x 4-1/2" 11.6# BTC crossover @ 8057'

4-1/2" 11.6# P110 BTC from 8059' to 8516'

4-1/2" 11.6# P110 LTC from 8516' to 13098'

5-1/2" x 4-1/2" crossover
KOP @ 7994'

331 sx cmt plug

Pilot TD. 8500'

TD: 13,098' (MD), 8,338' (TVD)

PBTd: 13,098'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENToperator
FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other		5. Lease Serial No. NMNM0144698	
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CIMAREX ENERGY COMPANY OF TEXAS		7. Unit or CA Agreement Name and No.	
Contact: NATALIE E KRUEGER Email: nkrueger@cimarex.com		8. Lease Name and Well No. SUPERIOR FEDERAL 10	
3. Address 600 NORTH MARIENFELD STREET SUITE 600 MIDLAND, TX 79701		9. API Well No. 30-015-38465-00-S1	
3a. Phone No. (include area code) Ph: 432-620-1936		10. Field and Pool, or Exploratory PARKWAY	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW Lot D.330FNL 560FWL 32.608864 N Lat, 104.035197 W Lon At top prod interval reported below NWNW 330FNL 560FWL At total depth SWSW 341FSL 673FWL		11. Sec., T., R., M., or Block and Survey or Area Sec 1 T20S R29E Mer NMP	
14. Date Spudded 03/31/2011		15. Date T.D. Reached 06/02/2011	
16. Date Completed ☐ D & A ☒ Ready to Prod. 07/08/2011		17. Elevations (DF, KB, RT, GL)* 3323 GL	
18. Total Depth: MD 13098 TVD 8337		19. Plug Back T.D.: MD 13098 TVD 8337	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each) POROSITY&RESIST	
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit analysis) Directional Survey? ☐ No ☒ Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000 J-55	94.0	0	329		1000		0	
17.500	13.375 J-55	61.0	0	1590		1270		0	
12.250	9.625 J-55	40.0	0	3454	1420	983		0	
8.750	5.500 P-110	17.0	0	8059					
8.750	4.500 P-110	11.6	8059	8559					
8.750	4.500 P-110	11.6	8559	13098		1500		0	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	8076							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	8476	13041	8476 TO 9201	0.380	40	OPEN
B)			9439 TO 10161	0.380	40	OPEN
C)			10399 TO 11121	0.380	40	OPEN
D)			11359 TO 12081	0.380	40	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8476 TO 9201	185,465 GAL 20# LINEAR GEL & 248,868# 20/40 CRC SAND
9439 TO 10161	164,225 GAL 20# LINEAR GEL & 255,356# 20/40 CRC SAND
10399 TO 11121	176,905 GAL 20# LINEAR GEL & 252,956# 20/40 CRC SAND
11359 TO 12081	177,917 GAL 20# BORATE XL & 241,064 20/40 CRC SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/08/2011	08/03/2011	24	→	74.0	500.0	171.0	40.7		1.23
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48/64	200	100.0	→	74	500	171	6757	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #116214 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
SOLD
30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
YATES	1150	1700	SAND	BASE OF SALT	415
SEVEN RIVERS	1700	3500	SHALE	TOP SALT	415
DELAWARE	3500	5952	SAND	YATES	1150
BONE SPRING	5952		LIMESTONE, SANDSTONE	DELAWARE	3500
				BONE SPRING	5952

32. Additional remarks (include plugging procedure):

Addl Bone Spring Perf Interval:
 8476-9201 0.38 40 holes OPEN
 Frac with 185,465 gal 20# Linear gel & 248,868# 20/40 CRC Sand

Logs to be sent via mail.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #116214 Verified by the BLM Well Information System.
 For CIMAREX ENERGY COMPANY OF CO, sent to the Carlsbad
 Committed to AFMSS for processing by DEBORAH MCKINNEY on 08/29/2011 (11DLM1250SE)

Name (please print) NATALIE E KRUEGER

Title REGULATORY

Signature (Electronic Submission)

Date 08/26/2011

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Additional data for transaction #116214 that would not fit on the form

26. Perforation Record, continued

Perf Interval	Size	No. Holes	Perf Status
12559 TO 13041	0.380	30	OPEN

27. Acid, Fracture, Treatment, Cement Squeeze, etc., continued

Depth Interval	Amount and Type of Material
12559 TO 13041	208,589 GAL 20# BORATE XL & 252,830 20/40 CRC SAND