

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources



Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office

JAN 21 2009

☐ AMENDED REPORT

OCD-ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Cimarex Energy Co. of Colorado PO Box 140907 Irving, TX 75014-0907		² OGRID Number 162683
		³ API Number 30-015-34604
⁴ Property Code	⁵ Property Name State 14 A Com	⁶ Well No. 002
⁹ Proposed Pool 1 Turkey Track; Bone Spring (60660)		¹⁰ Proposed Pool 2

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	14	19S	29E		1710	North	2095	West	Eddy

8 Proposed 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	14	19S	29E		330	South	2310	East	Eddy

Additional Well Information

¹¹ Work Type Code A	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3355' GR
¹⁶ Multiple N	¹⁷ Proposed Depth 10330' (horizontal)	¹⁸ Formation Bone Spring	¹⁹ Contractor N/A	²⁰ Spud Date When Approved
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic ☐ _____mils thick Clay ☐ Pit Volume: _____ bbls Drilling Method: _____				
Closed-Loop System ☒ Flowback Tanks Fresh Water ☐ Brine ☐ Diesel/Oil-based ☐ Gas/Air ☐				

21 Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17½"	13¾"	48#	388'	750	Surface
12¼"	9⅝"	40#	3200'	1650	Surface
8¾"	5½"	17#	12160'	1418 sx, 523 bbl	8350' CBL
6⅞"	3½"	9.3#	10330'	No cmt, PEAK	

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Well shut in since 03-31-08. Open Morrow perms @ 11260'-11278.' Other Morrow perms behind plugs (please see attached WBD).

Current well is a directional drill w/ BHL @ 1611 FSL & 1669 FEL. Cimarex proposes the following operations to recompleat horizontally in the Bone Spring:

- Kill well. NU 5K BOP. Set CIBP @ 11210' TVD (over Morrow) w/ 35' cmt. Set CIBP @ 7627' TVD w/ 2 sx sand.
- Mill window from 7605' to 7620.' Kick off 6⅝" hole at 7615' TVD (MD 7771'). Land curve @ 8450' MD and drill to TD of 10330' MD and 8060' TVD.
- Run 3½" 9.3# P-110 EUE 8rd liner from RSB packer at 7515' to TD of 10330' MD. Liner will be PEAK completion assembly with no cement.
- Fracture treat in several stages as needed through iso-ports (separated by iso-packers).

Please see attached preliminary directional survey, current WBD, and C-102.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Natalie Krueger
Printed name: Natalie Krueger

Title: Regulatory Analyst

E-mail Address: nkrueger@cimarex.com

Date: January 15, 2009

Phone: 469-420-2723

OIL CONSERVATION DIVISION

Approved by: *Jim W. Green*

Title: *District II Supervisor*

Approval Date: 1/21/09

Expiration Date: 1/21/11

Conditions of Approval Attached ☐

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-34604	Pool Code 60660	Pool Name Turkey Track; Bone Spring
Property Code	Property Name STATE A "14" COM	Well Number 2
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3355'

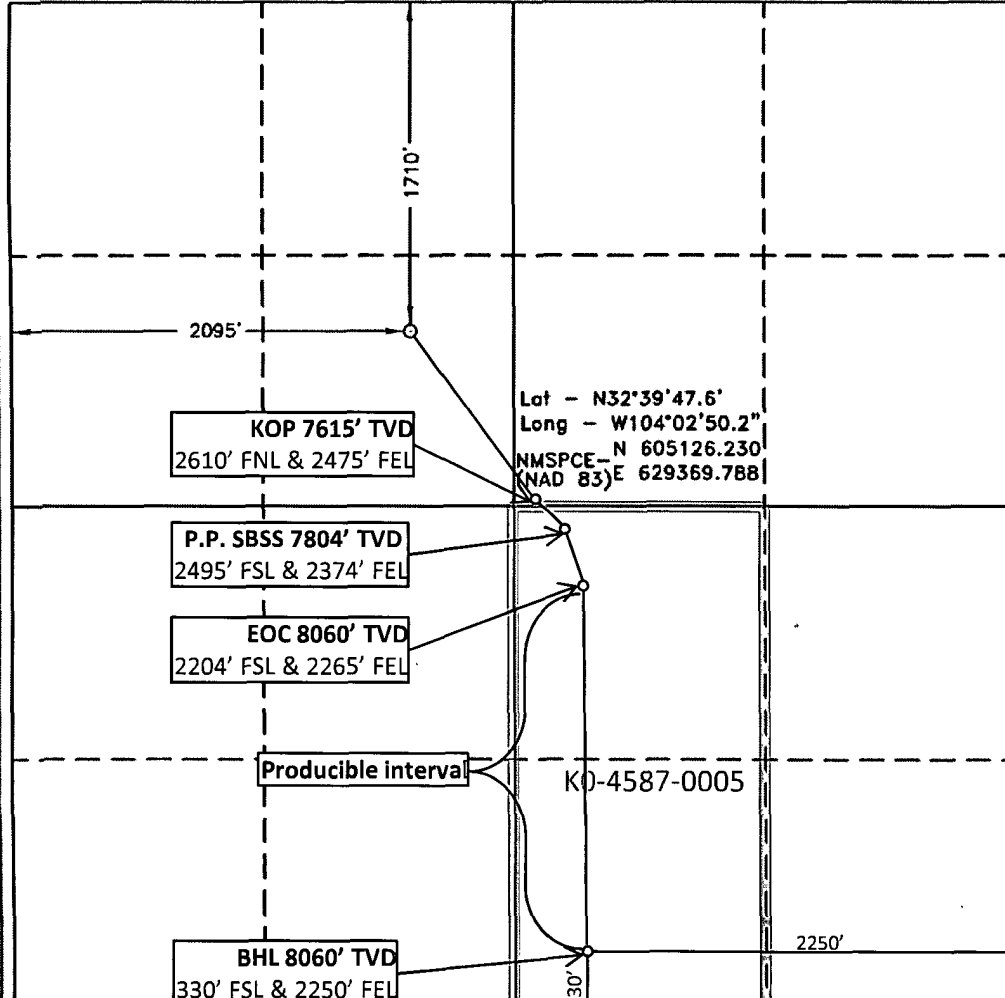
Surface Location

UL or lot No. F	Section 14	Township 19 S	Range 29 E	Lot Idn	Feet from the 1710	North/South line NORTH	Feet from the 2095	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. O	Section 14	Township 19S	Range 29E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2310	East/West line EAST	County EDDY
Dedicated Acres 80	Joint or Infill	Consolidation Code	Order No. NSL Pending						

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 the the information contained herein is true and complete to the best of my knowledge and belief. <i>Zeno Farris</i> Signature Zeno Farris Printed Name Mgr Operations Admin Title 1/15/2009 Date 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. JAN 15 2009 Date Surveyed <i>[Signature]</i> Signature & Seal of Professional Surveyor W. A. Jones Certificate No. Gary L. Jones 7977 BASIN SURVEYS
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Cimarex Energy Co. of Colorado

Location: Eddy County, NM
Field: (State A) Sec 14, T19S, R29E
Facility: State A 14 Com No. 2H

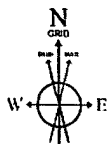
Slot: No. 2H SHL
Well: No. 2H
Wellbore: No. 2H PWB



Well Profile Data

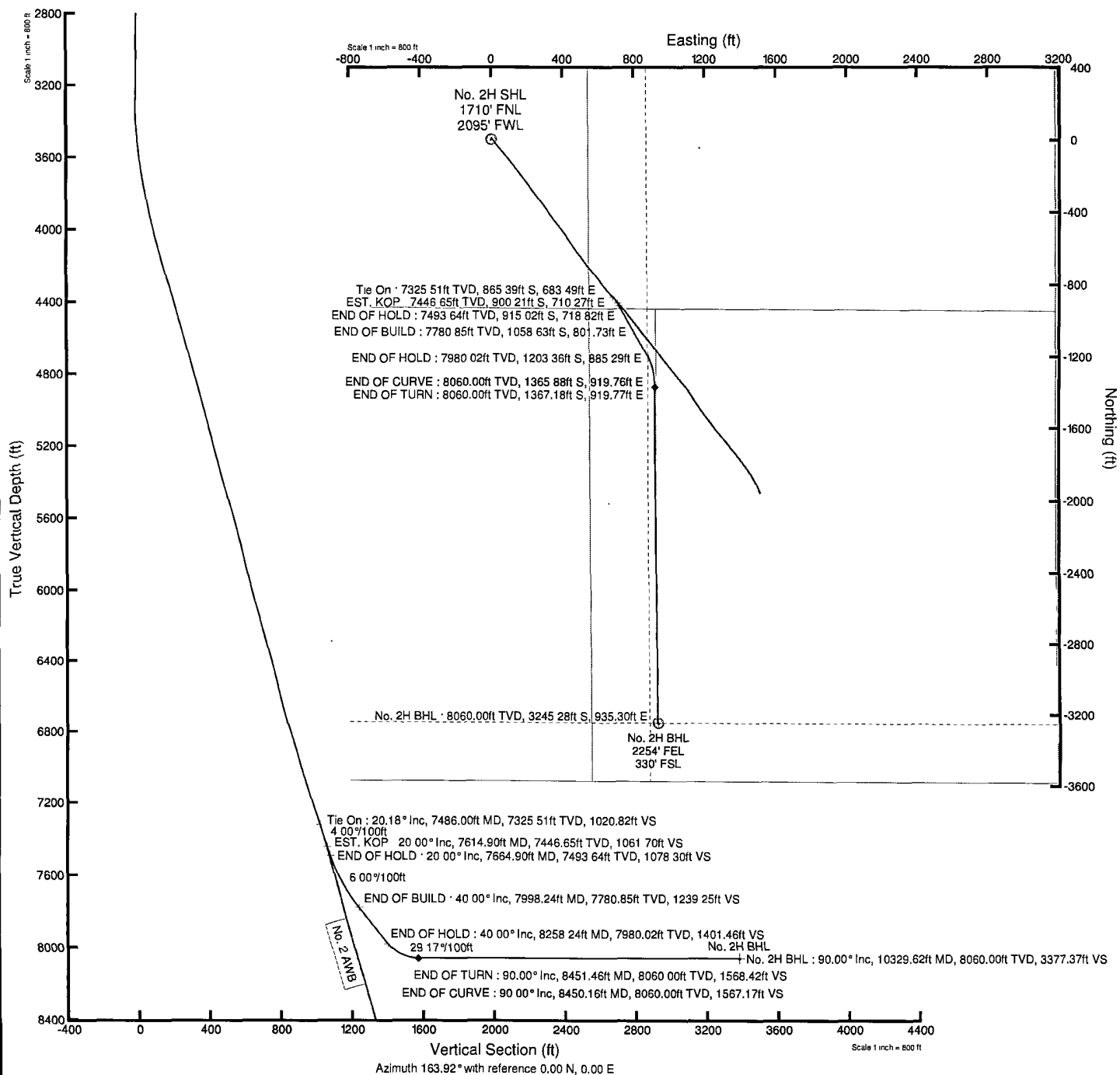
Plot reference wellpath is Plan #1	Grid System: NAD83 / TM New Mexico State Planes: Eastern Zone (3011) US feet
True vertical depths are referenced to Rig on No. 1H SHL (RT)	North Reference: Grid north
Measured depths are referenced to Rig on No. 1H SHL (RT)	Scale: True distance
Rig on No. 1H SHL (RT) to Mean Sea Level: 3375.5 feet	Depth are in feet
Mean Sea Level to Mud line (Facility: State A 14 Com No. 2H): 3353 feet	Created by: Victor Hernandez on 10/20/09
Coordinates are in feet referenced to Facility Center	

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)	VS (ft)
Tie On	7486.00	20.180	134.960	7325.51	-865.39	683.49	0.00	1020.82
EST. KOP	7614.90	20.000	150.000	7446.65	-900.21	710.27	4.00	1061.70
END OF HOLD	7664.90	20.000	150.000	7493.64	-915.02	718.82	0.00	1078.30
END OF BUILD	7998.24	40.000	150.000	7780.85	-1058.63	801.73	6.00	1239.25
END OF HOLD	8258.24	40.000	150.000	7980.02	-1203.36	885.29	0.00	1401.46
END OF CURVE	8450.16	90.000	179.500	8060.00	-1365.88	919.76	29.17	1567.17
END OF TURN	8451.46	90.000	179.526	8060.00	-1367.16	919.77	2.00	1568.42
No. 2H BHL	10329.62	90.000	179.526	8060.00	-3245.28	935.30	0.00	3377.37



BGGM (1945.0 to 2010.0) Dip: 60.58° Field: 49119.2 nT
Magnetic North is 8.20 degrees East of True North (at 1/8/2009)
Grid North is 0.15 degrees East of True North
To correct azimuth from True to Grid subtract 0.15 degrees
To correct azimuth from Magnetic to Grid add 8.04 degrees

For example if the Magnetic North Azimuth = 90 degrees, then the Grid North Azimuth = 90 + 8.04 = 98.04





Planned Wellpath Report

Plan #1
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INTEQ

REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co. of Colorado	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(State A) Sec 14, T19S, R29E	Wellbore	No. 2H PWB
Facility	State A 14 Com No. 2H	Sidetrack from	No. 2 AWB at 7676.00 MD

REPORT SETUP INFORMATION			
Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999918	Report Generated	1/9/2009 at 4:38:01 PM
Convergence at slot	0.15° East	Database/Source file	WA_Midland/No. 2H_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	629369.79	605126.23	32°39'47.564"N	104°02'50.170"W
Facility Reference Pt			629369.79	605126.23	32°39'47.564"N	104°02'50.170"W
Field Reference Pt			629369.79	605126.23	32°39'47.564"N	104°02'50.170"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on No. 1H SHL (RT) to Facility Vertical Datum	17.50ft
Horizontal Reference Pt	Facility Center	Rig on No. 1H SHL (RT) to Mean Sea Level	3372.50ft
Vertical Reference Pt	Rig on No. 1H SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 1H SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	163.92°



Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co. of Colorado	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(State A) Sec 14, T19S, R29E	Wellbore	No. 2H PWB
Facility	State A 14 Com No. 2H	Sidetrack from	No. 2 AWB at 7676.00 MD

WELLPATH DATA (114 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00	0.000	286.180	0.00	0.00	0.00	0.00	0.00	
100.00	0.420	286.180	100.00	-0.20	0.10	-0.35	0.42	
200.00	0.580	296.890	200.00	-0.74	0.43	-1.16	0.18	
300.00	0.400	316.190	299.99	-1.39	0.91	-1.85	0.24	
400.00	0.210	359.170	399.99	-1.88	1.35	-2.09	0.28	
500.00	0.280	14.900	499.99	-2.26	1.77	-2.03	0.10	
600.00	0.320	24.300	599.99	-2.68	2.26	-1.85	0.06	
700.00	0.370	20.120	699.99	-3.16	2.82	-1.63	0.06	
800.00	0.300	27.230	799.98	-3.61	3.35	-1.40	0.08	
900.00	0.350	34.790	899.98	-3.99	3.84	-1.10	0.07	
1000.00	0.460	43.760	999.98	-4.39	4.38	-0.65	0.13	
1100.00	0.940	64.460	1099.97	-4.72	5.02	0.37	0.54	
1200.00	0.980	65.680	1199.96	-4.98	5.73	1.89	0.04	
1300.00	0.730	62.760	1299.95	-5.23	6.37	3.23	0.25	
1400.00	0.500	57.090	1399.94	-5.48	6.90	4.16	0.24	
1500.00	0.390	51.180	1499.94	-5.73	7.35	4.79	0.12	
1600.00	0.360	55.840	1599.94	-5.96	7.74	5.32	0.04	
1700.00	0.270	68.170	1699.94	-6.08	8.00	5.80	0.11	
1800.00	0.130	131.250	1799.93	-6.01	8.02	6.10	0.24	
1900.00	0.190	248.230	1899.93	-5.90	7.88	6.03	0.27	
2000.00	0.330	265.840	1999.93	-5.94	7.80	5.59	0.16	
2100.00	0.340	265.470	2099.93	-6.06	7.75	5.01	0.01	
2200.00	0.330	266.530	2199.93	-6.18	7.71	4.43	0.01	
2300.00	0.300	293.620	2299.93	-6.41	7.80	3.90	0.15	
2400.00	0.350	305.710	2399.93	-6.82	8.08	3.41	0.08	
2500.00	0.380	317.940	2499.92	-7.36	8.51	2.94	0.08	
2600.00	0.430	324.110	2599.92	-8.01	9.06	2.50	0.07	
2700.00	0.340	337.350	2699.92	-8.66	9.64	2.16	0.13	
2800.00	0.550	338.870	2799.92	-9.43	10.36	1.88	0.21	
2900.00	0.540	339.380	2899.91	-10.38	11.25	1.54	0.01	



Planned Wellpath Report

Plan #1
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co. of Colorado	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(State A) Sec 14, T19S, R29E	Wellbore	No. 2H PWB
Facility	State A 14 Com No. 2H	Sidetrack from	No. 2 AWB at 7676.00 MD

WELLPATH DATA (114 stations)								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3000.00	0.210	336.860	2999.91	-11.03	11.86	1.30	0.33	
3175.00	0.340	351.060	3174.91	-11.86	12.66	1.09	0.08	
3262.00	0.450	4.440	3261.91	-12.44	13.26	1.08	0.16	
3283.00	0.490	340.170	3282.91	-12.61	13.43	1.06	0.96	
3314.00	0.090	32.930	3313.90	-12.76	13.57	1.02	1.42	
3410.00	3.000	140.870	3409.86	-10.49	11.68	2.65	3.16	
3505.00	5.890	141.840	3504.57	-3.69	5.92	7.23	3.04	
3600.00	8.360	141.000	3598.82	7.19	-3.28	14.59	2.60	
3695.00	10.260	142.370	3692.57	21.42	-15.35	24.10	2.01	
3790.00	11.690	141.010	3785.83	38.16	-29.53	35.33	1.53	
3885.00	13.100	139.770	3878.61	56.85	-45.23	48.34	1.51	
3981.00	15.290	138.170	3971.68	78.18	-62.97	63.81	2.32	
4074.00	16.710	139.920	4061.07	101.44	-82.34	80.59	1.61	
4167.00	17.230	139.990	4150.02	126.24	-103.12	98.06	0.56	
4262.00	17.670	143.150	4240.65	152.58	-125.43	115.75	1.10	
4357.00	18.190	140.690	4331.04	179.69	-148.44	133.79	0.97	
4451.00	16.790	142.270	4420.69	205.79	-170.53	151.39	1.57	
4545.00	17.670	142.620	4510.47	231.70	-192.61	168.36	0.94	
4640.00	16.960	141.390	4601.17	257.93	-214.89	185.76	0.84	
4735.00	16.260	144.200	4692.20	283.25	-236.51	202.19	1.12	
4830.00	16.700	145.080	4783.30	308.69	-258.49	217.78	0.53	
4924.00	17.670	143.150	4873.10	334.81	-280.98	234.07	1.20	
5019.00	16.350	141.740	4963.95	360.67	-303.02	251.00	1.46	
5114.00	16.170	141.220	5055.15	385.26	-323.83	267.56	0.24	
5209.00	16.000	139.460	5146.43	409.38	-344.09	284.36	0.54	
5304.00	16.000	145.440	5237.75	433.72	-364.82	300.30	1.73	
5399.00	16.170	147.370	5329.04	458.81	-386.75	314.86	0.59	
5493.00	17.050	144.910	5419.11	484.39	-409.05	329.84	1.20	
5588.00	17.750	143.500	5509.77	511.13	-432.08	346.46	0.86	
5690.00	17.050	139.650	5607.10	539.33	-455.98	365.39	1.32	



Planned Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co. of Colorado	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(State A) Sec 14, T19S, R29E	Wellbore	No. 2H PWB
Facility	State A 14 Com No. 2H	Sidetrack from	No. 2 AWB at 7676.00 MD

WELLPATH DATA (114 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5785.00	15.560	141.570	5698.28	563.82	-476.58	382.33	1.67	
5881.00	15.030	140.690	5790.88	587.16	-496.29	398.22	0.60	
5975.00	14.330	144.030	5881.81	609.30	-515.14	412.77	1.17	
6070.00	14.730	148.330	5973.78	631.99	-534.93	426.02	1.21	
6160.00	17.320	146.840	6060.27	655.82	-555.89	439.36	2.91	
6254.00	16.440	144.730	6150.22	681.76	-578.46	454.69	1.14	
6349.00	16.080	144.770	6241.42	706.88	-600.19	470.04	0.38	
6444.00	17.430	140.780	6332.39	732.40	-621.96	486.63	1.87	
6539.00	15.690	141.070	6423.44	757.32	-642.98	503.70	1.83	
6635.00	13.900	145.120	6516.26	780.20	-662.53	518.45	2.15	
6729.00	14.780	144.240	6607.33	802.18	-681.53	531.91	0.96	
6825.00	16.710	139.250	6699.73	826.25	-701.92	548.08	2.45	
6920.00	19.480	139.590	6790.02	853.10	-724.33	567.27	2.92	
7014.00	18.350	139.930	6878.94	880.90	-747.59	586.96	1.21	
7109.00	17.020	144.040	6969.46	907.64	-770.29	604.75	1.92	
7202.00	17.930	144.800	7058.16	933.96	-793.01	620.99	1.01	
7295.00	19.470	140.520	7146.26	961.72	-816.67	639.10	2.22	
7390.00	20.570	137.640	7235.52	991.21	-841.22	660.41	1.55	
7486.00	20.180	134.960	7325.51	1020.82	-865.39	683.49	0.00	Tie On
7586.00†	19.929	146.620	7419.49	1052.20	-891.82	705.08	4.00	
7614.90	20.000	150.000	7446.65	1061.70	-900.21	710.27	4.00	EST. KOP
7664.90	20.000	150.000	7493.64	1078.30	-915.02	718.82	0.00	END OF HOLD
7686.00†	21.266	150.000	7513.38	1085.51	-921.46	722.53	6.00	
7786.00†	27.266	150.000	7604.50	1125.38	-957.03	743.07	6.00	
7886.00†	33.266	150.000	7690.83	1174.28	-1000.66	768.26	6.00	
7986.00†	39.266	150.000	7771.43	1231.67	-1051.87	797.82	6.00	
7998.24	40.000	150.000	7780.85	1239.25	-1058.63	801.73	6.00	END OF BUILD
8086.00†	40.000	150.000	7848.08	1294.00	-1107.48	829.93	0.00	
8186.00†	40.000	150.000	7924.68	1356.39	-1163.15	862.07	0.00	
8258.24	40.000	150.000	7980.02	1401.46	-1203.36	885.29	0.00	END OF HOLD



Planned Wellpath Report

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**BAKER
HUGHES**

INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co. of Colorado	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(State A) Sec 14, T19S, R29E	Wellbore	No. 2H PWB
Facility	State A 14 Com No. 2H	Sidetrack from	No. 2 AWB at 7676.00 MD

WELLPATH DATA (114 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
8286.00†	46.719	156.601	8000.21	1420.18	-1220.39	893.78	29.17	
8386.00†	72.749	172.128	8050.40	1505.39	-1302.89	915.24	29.17	
8450.16	90.000	179.500	8060.00	1567.17	-1365.88	919.76	29.17	END OF CURVE
8451.46	90.000	179.526	8060.00	1568.42	-1367.18	919.77	2.00	END OF TURN
8486.00†	90.000	179.526	8060.00	1601.69	-1401.72	920.05	0.00	
8586.00†	90.000	179.526	8060.00	1698.00	-1501.71	920.88	0.00	
8686.00†	90.000	179.526	8060.00	1794.32	-1601.71	921.71	0.00	
8786.00†	90.000	179.526	8060.00	1890.63	-1701.71	922.53	0.00	
8886.00†	90.000	179.526	8060.00	1986.95	-1801.70	923.36	0.00	
8986.00†	90.000	179.526	8060.00	2083.26	-1901.70	924.19	0.00	
9086.00†	90.000	179.526	8060.00	2179.57	-2001.70	925.02	0.00	
9186.00†	90.000	179.526	8060.00	2275.89	-2101.69	925.84	0.00	
9286.00†	90.000	179.526	8060.00	2372.20	-2201.69	926.67	0.00	
9386.00†	90.000	179.526	8060.00	2468.52	-2301.68	927.50	0.00	
9486.00†	90.000	179.526	8060.00	2564.83	-2401.68	928.33	0.00	
9586.00†	90.000	179.526	8060.00	2661.15	-2501.68	929.15	0.00	
9686.00†	90.000	179.526	8060.00	2757.46	-2601.67	929.98	0.00	
9786.00†	90.000	179.526	8060.00	2853.78	-2701.67	930.81	0.00	
9886.00†	90.000	179.526	8060.00	2950.09	-2801.67	931.63	0.00	
9986.00†	90.000	179.526	8060.00	3046.41	-2901.66	932.46	0.00	
10086.00†	90.000	179.526	8060.00	3142.72	-3001.66	933.29	0.00	
10186.00†	90.000	179.526	8060.00	3239.04	-3101.66	934.12	0.00	
10286.00†	90.000	179.526	8060.00	3335.35	-3201.65	934.94	0.00	
10329.62	90.000	179.526	8060.00 ¹	3377.37	-3245.28	935.30	0.00	No. 2H BHL



Planned Wellpath Report

Plan #1
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Cimarex Energy Co. of Colorado	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(State A) Sec 14, T19S, R29E	Wellbore	No. 2H PWB
Facility	State A 14 Com No. 2H	Sidetrack from	No. 2 AWB at 7676.00 MD

HOLE & CASING SECTIONS Ref Wellbore: No. 2H PWB Ref Wellpath: Plan #1									
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
5.5in Casing	0.00	7614.00	7614.00	0.00	7445.80	0.00	0.00	-899.94	710.11
4.75in Open Hole	7614.00	10329.62	2715.62	7445.80	8060.00	-899.94	710.11	-3245.27	935.30

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 2H BHL	10329.62	8060.00	-3245.28	935.30	630305.02	601881.23	32°39'15.429"N	104°02'39.333"W	point

SURVEY PROGRAM Ref Wellbore: No. 2H PWB Ref Wellpath: Plan #1				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
17.50	3175.00	Generic gyro - continuous (Standard)		No. 2 AWB
3175.00	7486.00	ISCWSA MWD, Rev. 0 (Standard)		No. 2 AWB
7486.00	10329.62	NaviTrak (Standard)		No. 2H PWB