

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATRUAL RESOURCES  
DEPARTMENT  
OIL CONSERVATION DIVISION**

**CASE NO. 14349**

**EXHIBIT**

**2**

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION OF CIMAREX ENERGY CO.  
FOR A NON-STANDARD OIL SPACING AND  
PRORATION UNIT AND FOR COMPULSORY  
POOLING, CHAVES COUNTY, NEW MEXICO.**

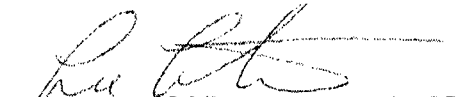
**Case No.14,349**

**AFFIDAVIT OF LEE CATALANO**

COUNTY OF MIDLAND                    )  
                                                  ) ss.  
STATE OF TEXAS                        )

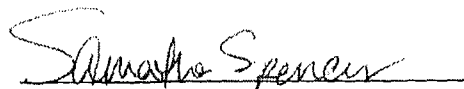
Lee Catalano, being duly sworn upon his oath, deposes and states:

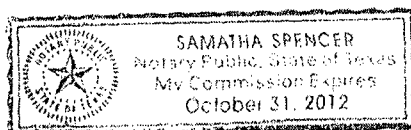
1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am a geologist for Cimarex Energy Co. ("Cimarex").
3. Exhibit A is a structure map on top of the Hueco (Wolfcamp) formation. The formation dips gently to the Southeast. Exhibit A also contains production data from existing wells in the pool.
4. Exhibit B is a cross section which shows the productive interval and stratigraphic target for horizontal Abo/Wolfcamp wells in the area.
5. Attached as Exhibit C is the horizontal drilling plan for the Ticonderoga 16 State Com Well No. 2. A horizontal wellbore will test a greater reservoir length, increasing the chances for an economic completion.
6. All four quarter-quarter sections in the well unit are prospective in the Abo/Wolfcamp formation, and Cimarex anticipates producing reserves from each quarter-quarter section.

  
\_\_\_\_\_  
Lee Catalano

SUBSCRIBED AND SWORN TO before me this 20 day of August, 2009 by Lee Catalano.

My Commission Expires: October 31, 2012

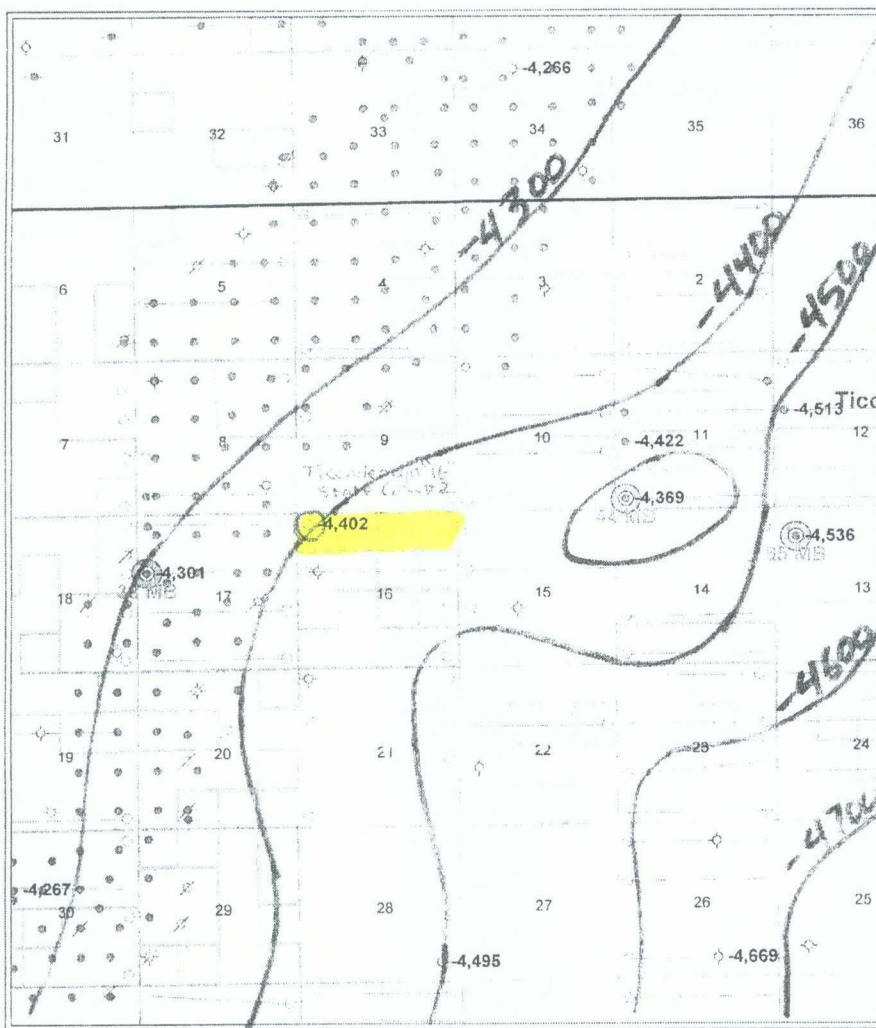
  
\_\_\_\_\_  
Notary Public



Oil Conservation Division  
Case No. \_\_\_\_\_  
Exhibit No. 2

EXHIBIT

**A**



SEC  
Structure Map  
Hueco LS

Ticonderoga 16 State Corn # 2

0 4,000  
FEET

POSTED WELL DATA

Well stringing and all equipment

Well data will be updated as it becomes available  
Well data will be updated as it becomes available  
Well data will be updated as it becomes available

ATTRIBUTE MAP

Zone WELL AND OIL IS PRESENT  
Well WOLF CAMP OIL IS PRESENT

WELL SYMBOLS  
Abandoned Oil Well  
Dry Hole  
Gas Well  
Injection Well  
New Symbol  
Oil Well  
Suspended Oil Well  
Temporarily Abandoned

REMARKS

Contour Interval  
100 ft  
ABO/Wolfcamp  
Oil Cum (green)

By LEC  
August 20, 2009

FILED 8/20/2009 9:43:19 AM

ELEV. KB. 4.469  
20034

CIMAREX ENERGY OF COLORADO  
COMP. DATE 5/16/2000  
MIDWAY FEDERAL  
T15S R01E S17  
1980 FNL 330 FWL

29077

CIMAREX ENERGY OF CO  
TICONDEROGA 15 STATE COM  
T15S R01E S18  
375 FNL 375 FWL

ELEV. KB. 4.409  
28002

CIMAREX ENERGY OF COLORADO  
COMP. DATE 7/27/2003  
ENTERPRISE 11 STATE COM  
T15S R01E S11  
375 FNL 375 FWL

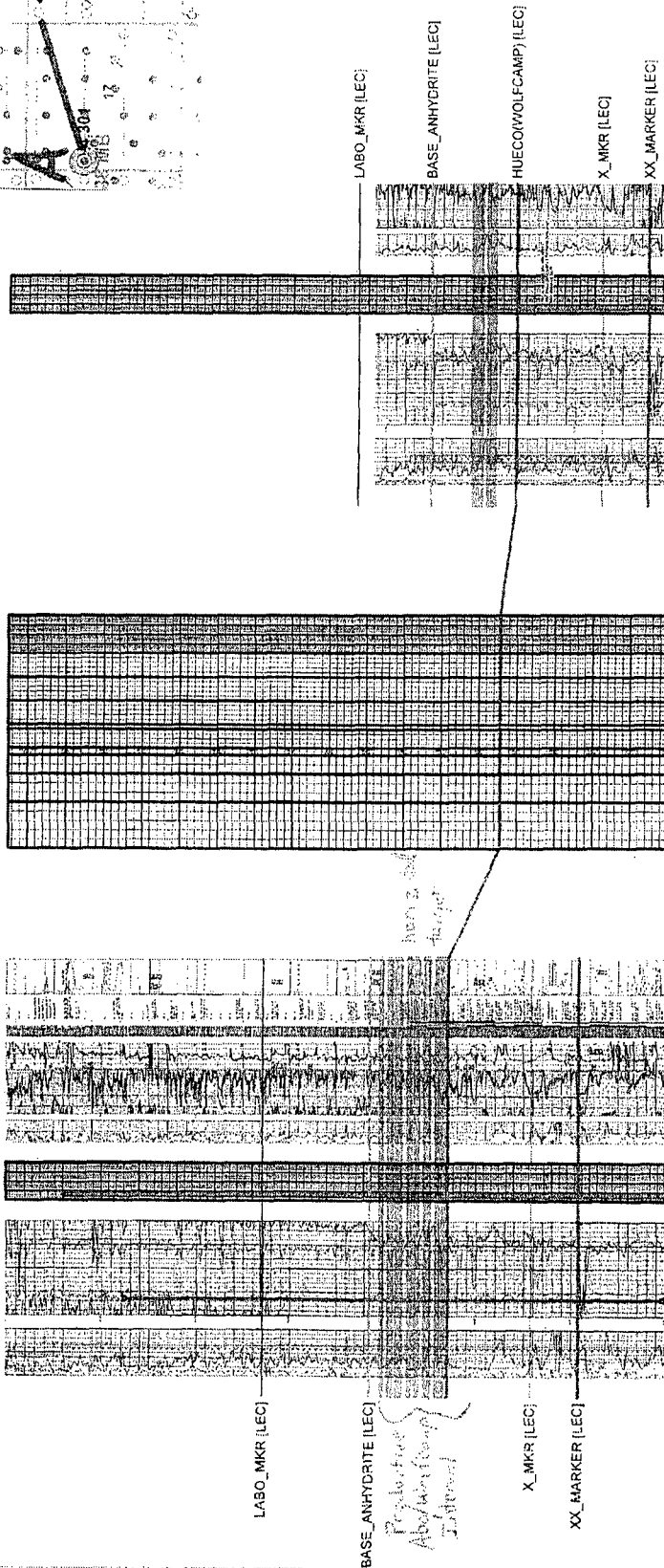
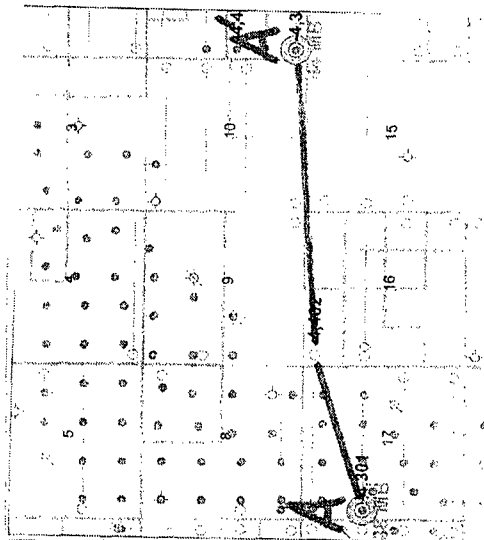


Exhibit B

CIMAREX ENERGY  
Structure Cross-section

Ticonderoga 16 # 1

Chaves Co., NM

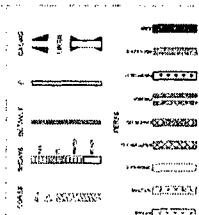


EXHIBIT B

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  
1225 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

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

RECEIVED

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

FEB 17 2009

HOBBSDO

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                   |                                                        |                                          |
|-----------------------------------|--------------------------------------------------------|------------------------------------------|
| API Number<br><b>30-005-29077</b> | Pool Code<br><b>97722</b>                              | Pool Name<br><b>Wildcat Abo Wolfcamp</b> |
| Property Code<br><b>37276</b>     | Property Name<br><b>TICONDEROGA "16" STATE COM</b>     | Well Number<br><b>2</b>                  |
| OGRID No.<br><b>162683</b>        | Operator Name<br><b>CIMAREX ENERGY CO. OF COLORADO</b> | Elevation<br><b>4420'</b>                |

Surface Location

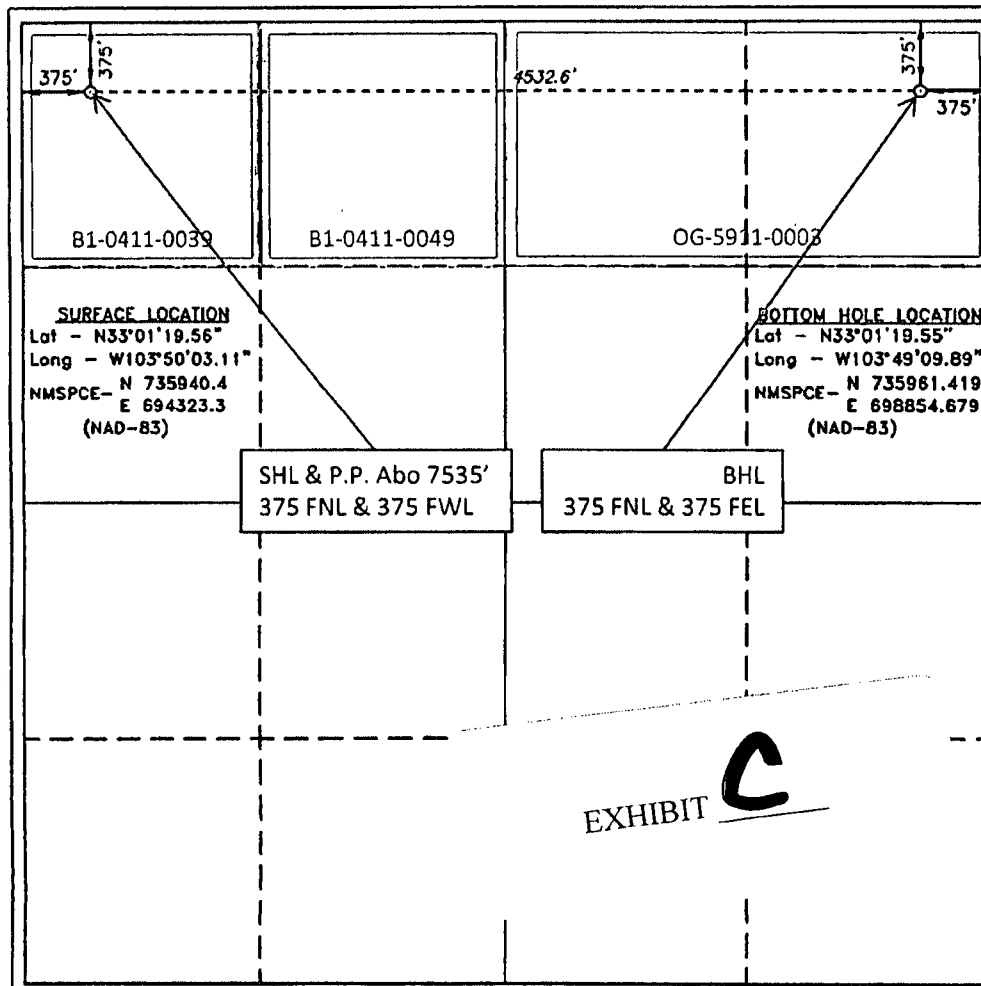
| UL or lot No. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County        |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|---------------|
| <b>D</b>      | <b>16</b> | <b>15 S</b> | <b>31 E</b> |         | <b>375</b>    | <b>NORTH</b>     | <b>375</b>    | <b>WEST</b>    | <b>CHAVES</b> |

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        |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|---------------|
| <b>A</b>      | <b>16</b> | <b>15 S</b> | <b>31 E</b> |         | <b>375</b>    | <b>NORTH</b>     | <b>375</b>    | <b>EAST</b>    | <b>CHAVES</b> |

|                               |                 |                                |           |
|-------------------------------|-----------------|--------------------------------|-----------|
| Dedicated Acres<br><b>160</b> | Joint or Infill | Consolidation Code<br><b>P</b> | 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



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 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.

**Zeno Farris** 2/16/2009  
Signature Date

**Zeno Farris**  
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.

SEPTEMBER 22, 2008

Date Surveyed  
Signature of Surveyor  
Professional Surveyor

Certificate No. **Gary L. Jones 7977**

BASIN SURVEYS



# Cimarex Energy Co. of Colorado

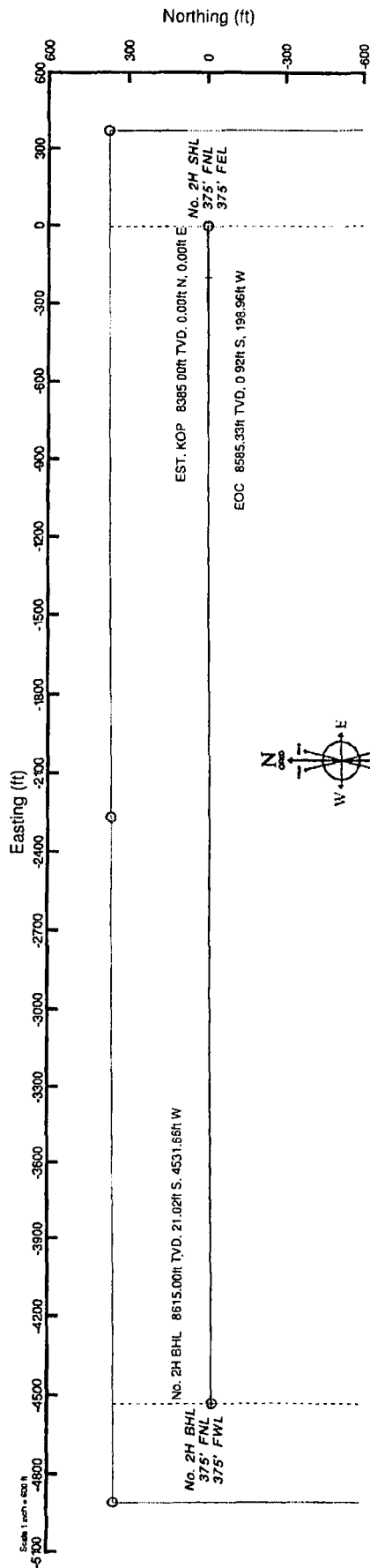
Location: Chaves County, NM  
Field (Ticonderoga) Sec 16, T15S, R31E  
Facility: Ticonderoga 16 St Com No. 2H

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



## Well Profile Data

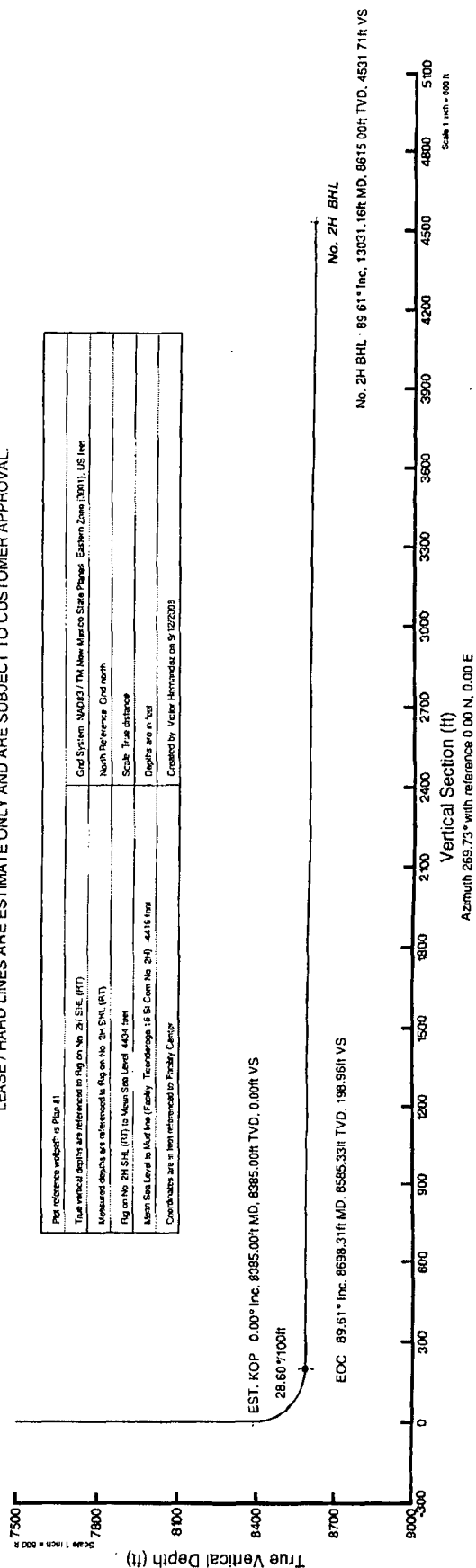
| Design Comment | MD (ft)  | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | DLS (%100ft) | VS (ft) |
|----------------|----------|---------|---------|----------|--------------|--------------|--------------|---------|
| Tie On         | 0.00     | 0.000   | 269.734 | 0.00     | 0.00         | 0.00         | 0.00         | 0.00    |
| EST. KOP       | 8385.00  | 0.000   | 269.734 | 8385.00  | 0.00         | 0.00         | 0.00         | 0.00    |
| EOC            | 8698.31  | 89.608  | 269.734 | 8585.33  | -0.92        | -198.96      | 28.60        | 198.96  |
| No. 2H BHL     | 13031.16 | 89.608  | 269.734 | 8615.00  | -21.02       | -4531.66     | 0.00         | 4531.71 |



BSGAL (1/24/09) to 2009.00.00. 80.44ft. Field: 40360.5.07  
Magnetic North is 3.14 degrees East of True North (at 9/12/2008)  
Grid North is 0.28 degrees East of True North  
To convert from Magnetic to Grid North: Add 3.42 degrees  
To convert from Grid North to Magnetic: Subtract 3.42 degrees  
For example: If the Magnetic North Azimuth is 30 degrees, then the Grid North Azimuth is 30 + 3.42 = 33.42 degrees

LEASE / HARD LINES ARE ESTIMATE ONLY AND ARE SUBJECT TO CUSTOMER APPROVAL.

|                                                                            |                                                                             |
|----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Per reference wellbore is Plan #1                                          | Grid System: NAD83 / TM New Mexico State Plane Eastern Zone (NAD83) US feet |
| True vertical depths are referenced to Rig on No. 2H SHL (RTT)             | North Reference: Grid north                                                 |
| Measured depths are referenced to Rig on No. 2H SHL (RTT)                  | Scale: True distance                                                        |
| Rig on No. 2H SHL (RTT) to New San Level 4034 feet                         | Depths are in feet                                                          |
| Mean Sea Level is 1647 feet Family: Ticonderoga 16 St Com No. 2H 4416 feet | Created by: Victor Hernandez on 9/12/2008                                   |
| Coordinates are as then referenced to Family Center                        |                                                                             |





# Planned Wellpath Report

Plan #1  
Page 1 of 4



INTEQ

| REFERENCE WELLPATH IDENTIFICATION |                                  |          |            |
|-----------------------------------|----------------------------------|----------|------------|
| Operator                          | Cimarex Energy Co. of Colorado   | Slot     | No. 2H SHL |
| Area                              | Chaves County, NM                | Well     | No. 2H     |
| Field                             | (Ticonderoga) Sec 16, T15S, R31E | Wellbore | No. 2H PWB |
| Facility                          | Ticonderoga 16 St Com No. 2H     |          |            |

| 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                    | 0.999938                                                         | Report Generated     | 9/12/2008 at 4:14:39 PM   |
| Convergence at slot      | 0.28° 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     | 698854.70        | 735961.40      | 33°01'19.554"N         | 103°49'09.890"W |
| Facility Reference Pt |                   |          | 698854.70        | 735961.40      | 33°01'19.554"N         | 103°49'09.890"W |
| Field Reference Pt    |                   |          | 694286.00        | 734335.70      | 33°01'03.686"N         | 103°50'03.641"W |

| WELLPATH DATUM           |                        |                                                   |                   |
|--------------------------|------------------------|---------------------------------------------------|-------------------|
| Calculation method       | Minimum curvature      | Rig on No. 2H SHL (RT) to Facility Vertical Datum | 18.00ft           |
| Horizontal Reference Pt  | Facility Center        | Rig on No. 2H SHL (RT) to Mean Sea Level          | 4434.00ft         |
| Vertical Reference Pt    | Rig on No. 2H SHL (RT) | Facility Vertical Datum to Mud Line (Facility)    | 0.00ft            |
| MD Reference Pt          | Rig on No. 2H SHL (RT) | Section Origin                                    | N 0.00, E 0.00 ft |
| Field Vertical Reference | Mean Sea Level         | Section Azimuth                                   | 269.73°           |



# Planned Wellpath Report

Plan #1  
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## REFERENCE WELLPATH IDENTIFICATION

|          |                                  |          |            |
|----------|----------------------------------|----------|------------|
| Operator | Cimarex Energy Co. of Colorado   | Slot     | No. 2H SHL |
| Area     | Chaves County, NM                | Well     | No. 2H     |
| Field    | (Ticonderoga) Sec 16, T15S, R31E | Wellbore | No. 2H PWB |
| Facility | Ticonderoga 16 St Com No. 2H     |          |            |

## WELLPATH DATA (50 stations) † = interpolated/extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[srv ft] | Grid North<br>[srv ft] | DLS<br>[°/100ft] | Comments |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|-----------------------|------------------------|------------------|----------|
| 0.00       | 0.000              | 269.734        | 0.00        | 0.00              | 0.00          | 0.00         | 698854.70             | 735961.40              | 0.00             | Tie On   |
| 8385.00    | 0.000              | 269.734        | 8385.00     | 0.00              | 0.00          | 0.00         | 698854.70             | 735961.40              | 0.00             | EST. KOP |
| 8485.00†   | 28.600             | 269.734        | 8480.90     | 24.44             | -0.11         | -24.44       | 698830.26             | 735961.29              | 28.60            |          |
| 8585.00†   | 57.200             | 269.734        | 8553.39     | 91.81             | -0.43         | -91.81       | 698762.90             | 735960.97              | 28.60            |          |
| 8685.00†   | 85.800             | 269.734        | 8584.80     | 185.66            | -0.86         | -185.66      | 698669.05             | 735960.54              | 28.60            |          |
| 8698.31    | 89.608             | 269.734        | 8585.33     | 198.96            | -0.92         | -198.96      | 698655.75             | 735960.48              | 28.60            | EOC      |
| 8785.00†   | 89.608             | 269.734        | 8585.92     | 285.65            | -1.32         | -285.64      | 698569.07             | 735960.08              | 0.00             |          |
| 8885.00†   | 89.608             | 269.734        | 8586.61     | 385.65            | -1.79         | -385.64      | 698469.08             | 735959.61              | 0.00             |          |
| 8985.00†   | 89.608             | 269.734        | 8587.29     | 485.64            | -2.25         | -485.64      | 698369.09             | 735959.15              | 0.00             |          |
| 9085.00†   | 89.608             | 269.734        | 8587.98     | 585.64            | -2.72         | -585.63      | 698269.10             | 735958.68              | 0.00             |          |
| 9185.00†   | 89.608             | 269.734        | 8588.66     | 685.64            | -3.18         | -685.63      | 698169.11             | 735958.22              | 0.00             |          |
| 9285.00†   | 89.608             | 269.734        | 8589.35     | 785.64            | -3.64         | -785.63      | 698069.12             | 735957.76              | 0.00             |          |
| 9385.00†   | 89.608             | 269.734        | 8590.03     | 885.63            | -4.11         | -885.62      | 697969.13             | 735957.29              | 0.00             |          |
| 9485.00†   | 89.608             | 269.734        | 8590.72     | 985.63            | -4.57         | -985.62      | 697869.14             | 735956.83              | 0.00             |          |
| 9585.00†   | 89.608             | 269.734        | 8591.40     | 1085.63           | -5.03         | -1085.62     | 697769.15             | 735956.37              | 0.00             |          |
| 9685.00†   | 89.608             | 269.734        | 8592.09     | 1185.63           | -5.50         | -1185.61     | 697669.16             | 735955.90              | 0.00             |          |
| 9785.00†   | 89.608             | 269.734        | 8592.77     | 1285.62           | -5.96         | -1285.61     | 697569.17             | 735955.44              | 0.00             |          |
| 9885.00†   | 89.608             | 269.734        | 8593.46     | 1385.62           | -6.43         | -1385.61     | 697469.18             | 735954.97              | 0.00             |          |
| 9985.00†   | 89.608             | 269.734        | 8594.14     | 1485.62           | -6.89         | -1485.60     | 697369.19             | 735954.51              | 0.00             |          |
| 10085.00†  | 89.608             | 269.734        | 8594.83     | 1585.62           | -7.35         | -1585.60     | 697269.20             | 735954.05              | 0.00             |          |
| 10185.00†  | 89.608             | 269.734        | 8595.51     | 1685.61           | -7.82         | -1685.60     | 697169.21             | 735953.58              | 0.00             |          |
| 10285.00†  | 89.608             | 269.734        | 8596.20     | 1785.61           | -8.28         | -1785.59     | 697069.22             | 735953.12              | 0.00             |          |
| 10385.00†  | 89.608             | 269.734        | 8596.88     | 1885.61           | -8.74         | -1885.59     | 696969.23             | 735952.66              | 0.00             |          |
| 10485.00†  | 89.608             | 269.734        | 8597.56     | 1985.61           | -9.21         | -1985.59     | 696869.24             | 735952.19              | 0.00             |          |
| 10585.00†  | 89.608             | 269.734        | 8598.25     | 2085.61           | -9.67         | -2085.58     | 696769.25             | 735951.73              | 0.00             |          |
| 10685.00†  | 89.608             | 269.734        | 8598.93     | 2185.60           | -10.14        | -2185.58     | 696669.26             | 735951.26              | 0.00             |          |
| 10785.00†  | 89.608             | 269.734        | 8599.62     | 2285.60           | -10.60        | -2285.58     | 696569.27             | 735950.80              | 0.00             |          |
| 10885.00†  | 89.608             | 269.734        | 8600.30     | 2385.60           | -11.06        | -2385.57     | 696469.28             | 735950.34              | 0.00             |          |
| 10985.00†  | 89.608             | 269.734        | 8600.99     | 2485.60           | -11.53        | -2485.57     | 696369.29             | 735949.87              | 0.00             |          |
| 11085.00†  | 89.608             | 269.734        | 8601.67     | 2585.59           | -11.99        | -2585.57     | 696269.30             | 735949.41              | 0.00             |          |





# Planned Wellpath Report

Plan #1  
Page 3 of 4



| REFERENCE WELLPATH IDENTIFICATION |                                  |          |            |
|-----------------------------------|----------------------------------|----------|------------|
| Operator                          | Cimarex Energy Co. of Colorado   | Slot     | No. 2H SHL |
| Area                              | Chaves County, NM                | Well     | No. 2H     |
| Field                             | (Ticonderoga) Sec 16, T15S, R31E | Wellbore | No. 2H PWB |
| Facility                          | Ticonderoga 16 St Com No. 2H     |          |            |

| WELLPATH DATA (50 stations) † = interpolated/extrapolated station |                    |                |                      |                   |               |              |                       |                        |                  |            |
|-------------------------------------------------------------------|--------------------|----------------|----------------------|-------------------|---------------|--------------|-----------------------|------------------------|------------------|------------|
| MD<br>[ft]                                                        | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft]          | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[srv ft] | Grid North<br>[srv ft] | DLS<br>[°/100ft] | Comments   |
| 11185.00†                                                         | 89.608             | 269.734        | 8602.36              | 2685.59           | -12.45        | -2685.56     | 696169.31             | 735948.95              | 0.00             |            |
| 11285.00†                                                         | 89.608             | 269.734        | 8603.04              | 2785.59           | -12.92        | -2785.56     | 696069.32             | 735948.48              | 0.00             |            |
| 11385.00†                                                         | 89.608             | 269.734        | 8603.73              | 2885.59           | -13.38        | -2885.56     | 695969.33             | 735948.02              | 0.00             |            |
| 11485.00†                                                         | 89.608             | 269.734        | 8604.41              | 2985.58           | -13.85        | -2985.55     | 695869.34             | 735947.55              | 0.00             |            |
| 11585.00†                                                         | 89.608             | 269.734        | 8605.10              | 3085.58           | -14.31        | -3085.55     | 695769.35             | 735947.09              | 0.00             |            |
| 11685.00†                                                         | 89.608             | 269.734        | 8605.78              | 3185.58           | -14.77        | -3185.55     | 695669.36             | 735946.63              | 0.00             |            |
| 11785.00†                                                         | 89.608             | 269.734        | 8606.47              | 3285.58           | -15.24        | -3285.54     | 695569.37             | 735946.16              | 0.00             |            |
| 11885.00†                                                         | 89.608             | 269.734        | 8607.15              | 3385.57           | -15.70        | -3385.54     | 695469.38             | 735945.70              | 0.00             |            |
| 11985.00†                                                         | 89.608             | 269.734        | 8607.84              | 3485.57           | -16.16        | -3485.54     | 695369.39             | 735945.24              | 0.00             |            |
| 12085.00†                                                         | 89.608             | 269.734        | 8608.52              | 3585.57           | -16.63        | -3585.53     | 695269.40             | 735944.77              | 0.00             |            |
| 12185.00†                                                         | 89.608             | 269.734        | 8609.21              | 3685.57           | -17.09        | -3685.53     | 695169.41             | 735944.31              | 0.00             |            |
| 12285.00†                                                         | 89.608             | 269.734        | 8609.89              | 3785.57           | -17.56        | -3785.52     | 695069.42             | 735943.85              | 0.00             |            |
| 12385.00†                                                         | 89.608             | 269.734        | 8610.58              | 3885.56           | -18.02        | -3885.52     | 694969.43             | 735943.38              | 0.00             |            |
| 12485.00†                                                         | 89.608             | 269.734        | 8611.26              | 3985.56           | -18.48        | -3985.52     | 694869.44             | 735942.92              | 0.00             |            |
| 12585.00†                                                         | 89.608             | 269.734        | 8611.94              | 4085.56           | -18.95        | -4085.51     | 694769.45             | 735942.45              | 0.00             |            |
| 12685.00†                                                         | 89.608             | 269.734        | 8612.63              | 4185.56           | -19.41        | -4185.51     | 694669.46             | 735941.99              | 0.00             |            |
| 12785.00†                                                         | 89.608             | 269.734        | 8613.31              | 4285.55           | -19.87        | -4285.51     | 694569.47             | 735941.53              | 0.00             |            |
| 12885.00†                                                         | 89.608             | 269.734        | 8614.00              | 4385.55           | -20.34        | -4385.50     | 694469.48             | 735941.06              | 0.00             |            |
| 12985.00†                                                         | 89.608             | 269.734        | 8614.68              | 4485.55           | -20.80        | -4485.50     | 694369.49             | 735940.60              | 0.00             |            |
| 13031.16                                                          | 89.608             | 269.734        | 8615.00 <sup>1</sup> | 4531.71           | -21.02        | -4531.66     | 694323.33             | 735940.39              | 0.00             | No. 2H BHL |



# Planned Wellpath Report

Plan #1  
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INTEQ

| REFERENCE WELLPATH IDENTIFICATION |                                  |          |            |
|-----------------------------------|----------------------------------|----------|------------|
| Operator                          | Cimarex Energy Co. of Colorado   | Slot     | No. 2H SHL |
| Area                              | Chaves County, NM                | Well     | No. 2H     |
| Field                             | (Ticonderoga) Sec 16, T15S, R31E | Wellbore | No. 2H PWB |
| Facility                          | Ticonderoga 16 St Com No. 2H     |          |            |

| TARGETS       |            |             |               |              |                       |                        |                |                 |       |
|---------------|------------|-------------|---------------|--------------|-----------------------|------------------------|----------------|-----------------|-------|
| Name          | MD<br>[ft] | TVD<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[srv ft] | Grid North<br>[srv ft] | Latitude       | Longitude       | Shape |
| 1) No. 2H BHL | 13031.16   | 8615.00     | -21.02        | -4531.66     | 694323.33             | 735940.39              | 33°01'19.562"N | 103°50'03.113"W | point |

| SURVEY PROGRAM Ref Wellbore: No. 2H PWB Ref Wellpath: Plan #1 |                |                              |                  |            |
|---------------------------------------------------------------|----------------|------------------------------|------------------|------------|
| Start MD<br>[ft]                                              | End MD<br>[ft] | Positional Uncertainty Model | Log Name/Comment | Wellbore   |
| 18.00                                                         | 13031.16       | NaviTrak (Standard)          |                  | No. 2H PWB |