

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil Cons. Division
1625 N. French Dr.
Hobbs, NM 88240FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996RECEIVED
NOV 19 2008

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. Private Surface, LC-064900 Minerals
2. Name of Operator Cimarex Energy Co. of Colorado		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 140907; Irving, TX 75014-0907	3b. Phone No. (include area code) 972-401-3111	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SHL 375 FSL & 330 FWL 17-15S-31E BHL 375 FSL & 330 FEL		8. Well Name and No. Midway 17 Federal No. 2H
		9. API Well No. 30-005- 29063
		10. Field and Pool, or Exploratory Area Abo Wildcat
		11. County or Parish, State Chaves County, NM

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 Flip SHL and BHL
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, included estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat 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 recompleat 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 has changed the location of the Midway 17 Federal No. 2 as shown below:

Previous Location
17-15S-31E
SHL 375 FSL & 330 FWL
BHL 345 FSL & 330 FEL

New Location
17-15S-31E
SHL 375 FSL & 375 FEL
BHL 375 FSL & 375 FWL

Please see attached revised plats. The new access road will be on all fee surface and will therefore not require a ROW.

14. I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Natalie Krueger	Title Regulatory Analyst
Signature 	Date October 16, 2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by /s/ Jerry Dutchover	Assistant Field Manager, Lands And Minerals	Date NOV 14 2008
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.		Office ROSWELL FIELD OFFICE

Title 18 U.S.C. Section 1001, makes 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.

(Instructions on reverse)

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, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

CONSERVATION DIVISION

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

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-005-29063	Pool Code -	Pool Name Abo Wildcat
Property Code 27088	Property Name MIDWAY "17" FEDERAL	Well Number 2
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 4426'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	15 S	31 E		375	SOUTH	375	EAST	CHAVES

Bottom Hole Location If Different From Surface

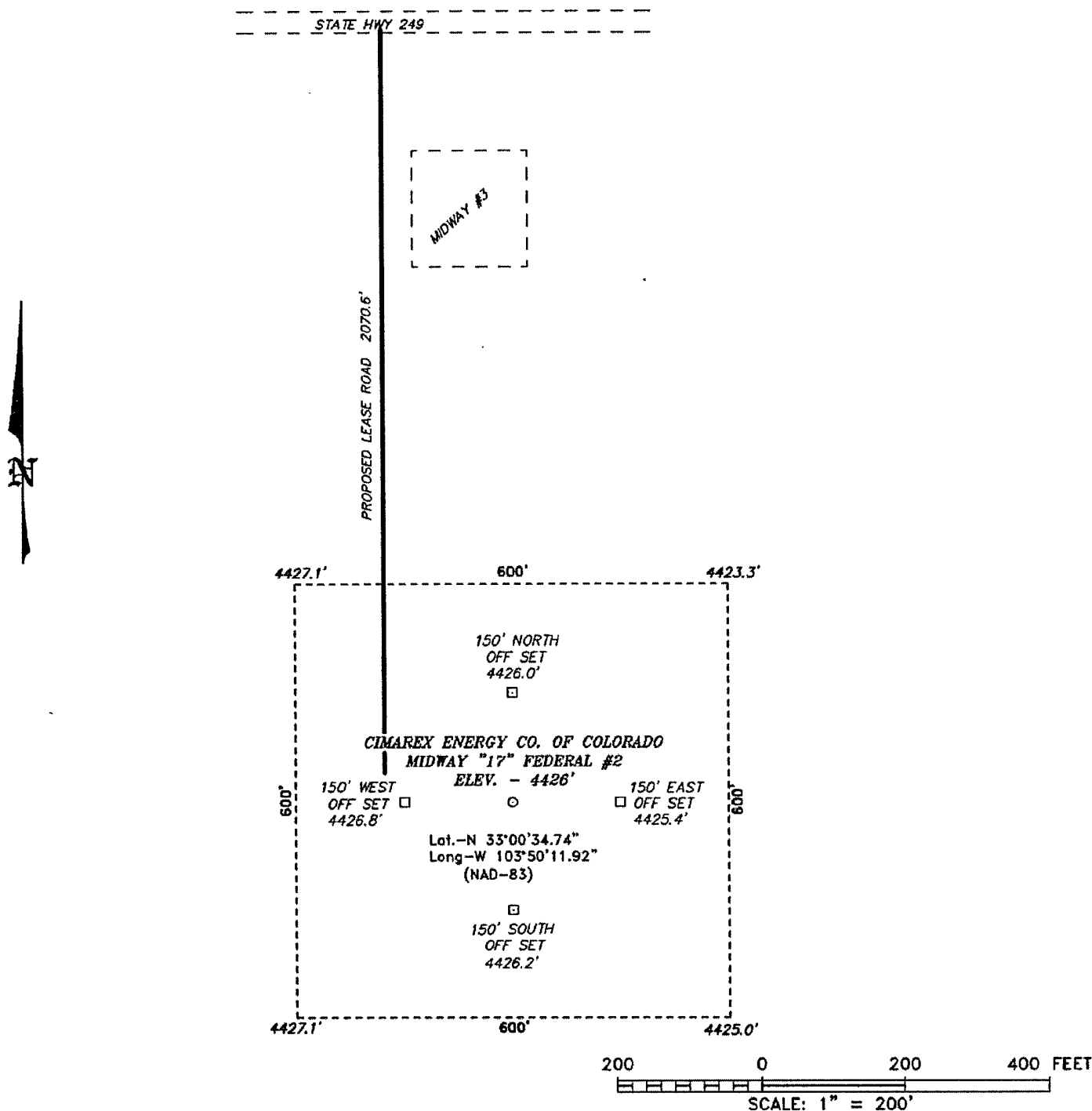
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	17	15 S	31 E		375	SOUTH	375	WEST	CHAVES
Dedicated Acres 160	Joint or Infill	Consolidation Code	Order No.						

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

BHL 375 FSL & 375 FWL BOTTOM HOLE LOCATION Lat - N33°00'34.79" Long - W103°51'05.27" NMSPCE- N 731390.437 E 689051.884 (NAD-83)		SHL 375 FSL & 375 FEL SURFACE LOCATION Lat - N33°00'34.74" Long - W103°50'11.92" NMSPCE- N 731406.950 E 693594.537 (NAD-83)		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. <u>Zeno Farris</u> 10-16-08 Signature Date Zeno Farris Printed Name
P.P. 375 FSL & 375 FEL		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 25, 2008 Date Signature of Professional Surveyor 20532 Certificate No. Gary L. Jones 7977		Basin Surveys

Amend Plat

SECTION 17, TOWNSHIP 15 SOUTH, RANGE 31 EAST, N.M.P.M.,
CHAVES COUNTY, NEW MEXICO.



Directions to Location:

FROM MILE MARKER 31 OF HWY 249; GO WEST 0.1
MILES TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 20532 Drawn By: J. SMALL

Date: 09-30-2008 Disk: JMS 20532

CIMAREX ENERGY CO. OF COLORADO

REF: MIDWAY "17" FEDERAL #2 / WELL PAD TOPO

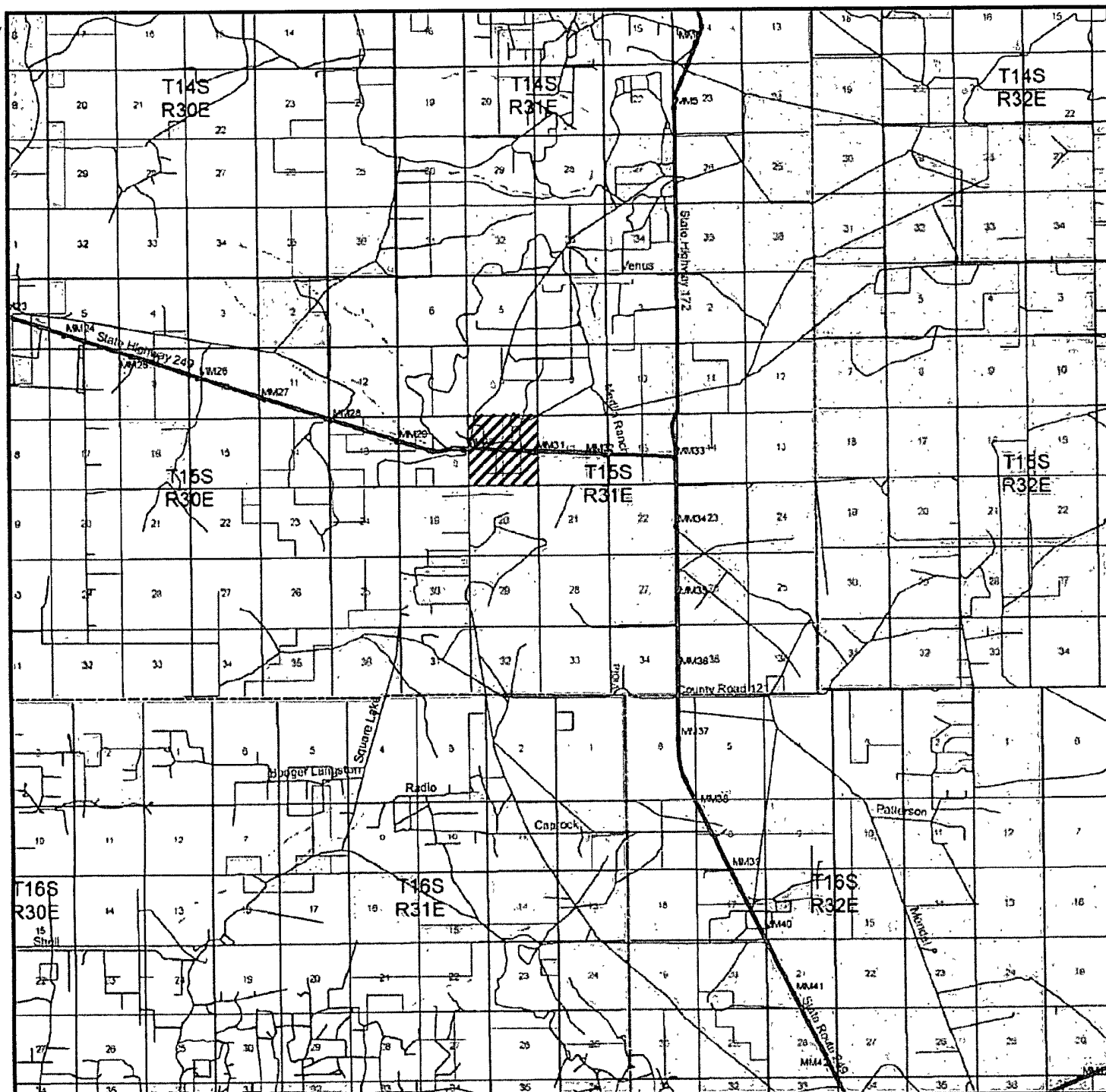
THE MIDWAY "17" FEDERAL #2 LOCATED 375'

FROM THE SOUTH LINE AND 375' FROM THE EAST LINE OF

SECTION 17, TOWNSHIP 15 SOUTH, RANGE 31 EAST,

N.M.P.M., CHAVES COUNTY, NEW MEXICO.

Survey Date: 09-25-2008 Sheet 1 of 1 Sheets



MIDWAY "17" FEDERAL #2
 Located 375' FSL and 375' FEL
 Section 17, Township 15 South, Range 31 East,
 N.M.P.M., Chaves County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (575) 393-7316 - Office
 (575) 392-2206 - Fax
 basinsurveys.com

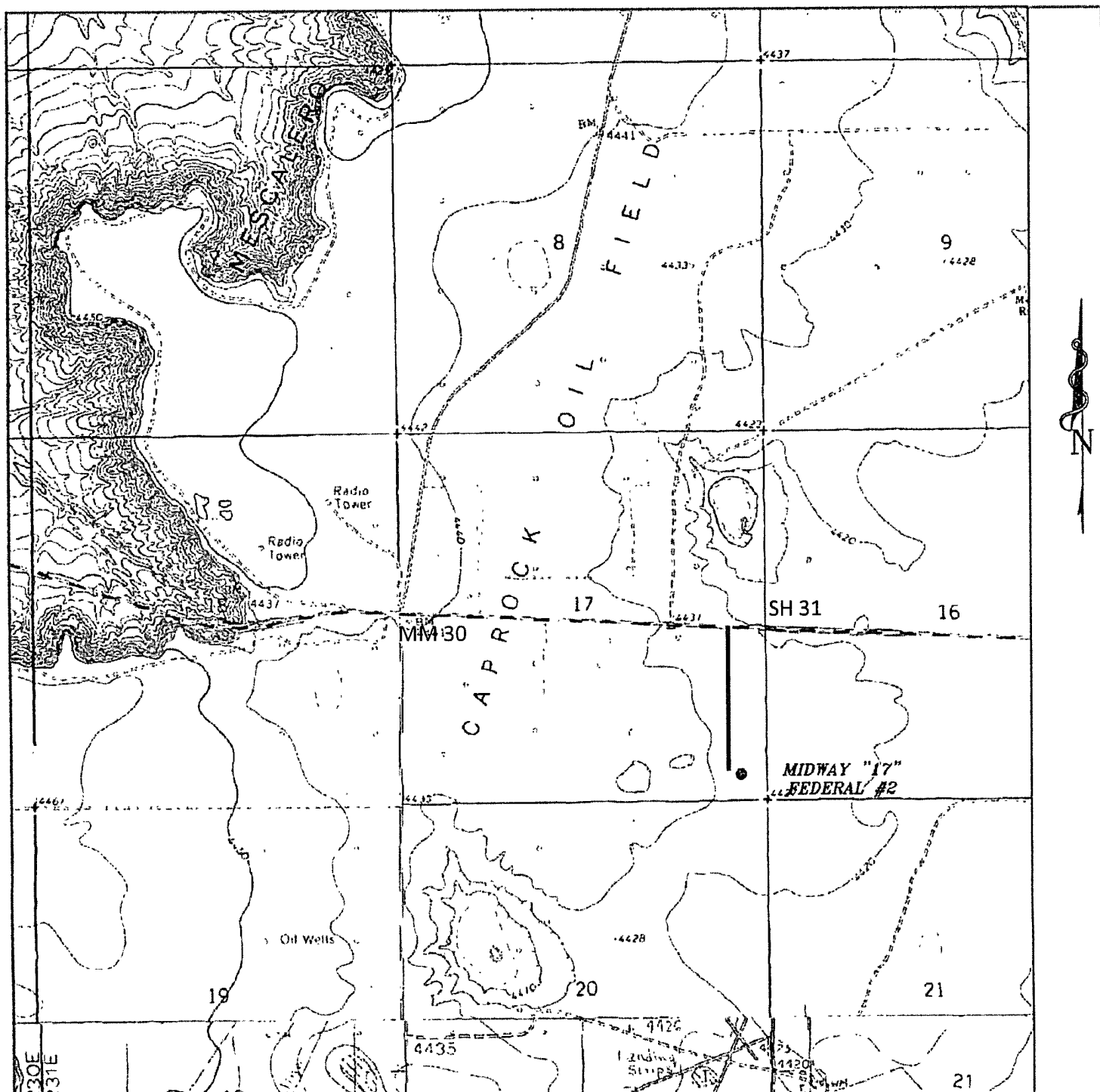
W.O. Number: JMS 20532

Survey Date: 09-25-2008

Scale: 1" = 2 MILES

Date: 09-30-2008

CIMAREX
ENERGY CO.
OF COLORADO



MIDWAY "17" FEDERAL #2
 Located 375' FSL and 375' FEL
 Section 17, Township 15 South, Range 31 East,
 N.M.P.M., Chaves County, New Mexico.

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 basinsurveys.com

W.O. Number: JMS 20532

Survey Date: 09-25-2008

Scale: 1" = 2000'

Date: 09-30-2008

CIMAREX
ENERGY CO.
OF COLORADO



Cimarex Energy Co. of Colorado

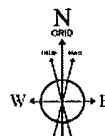
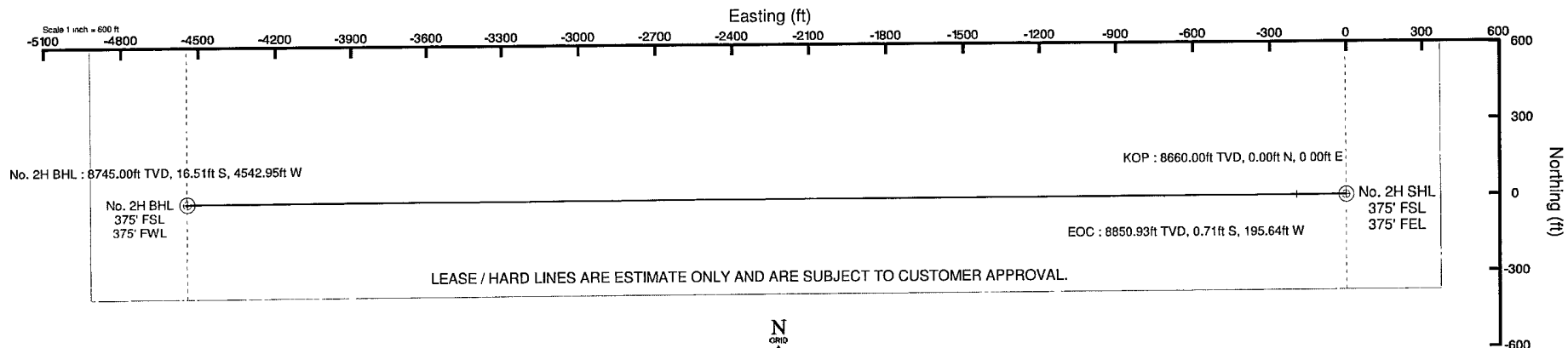
Location: Chaves County, NM
Field: (Midway) Sec 17, T15S, R31E
Facility: Midway 17 Fed No. 2H

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



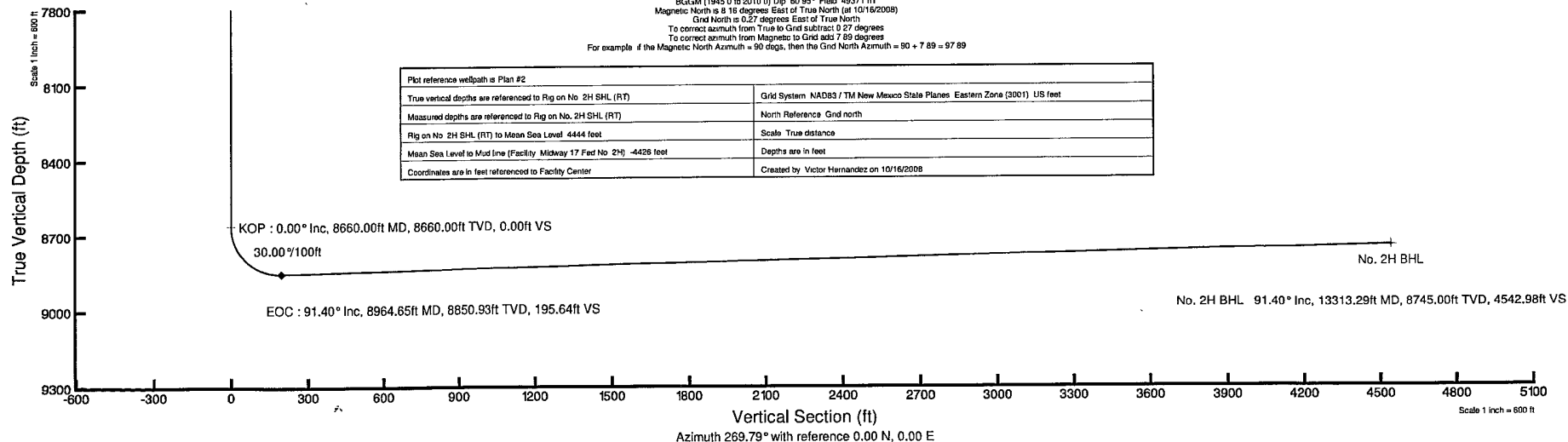
Well Profile Data

Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (%/100ft)	VS (ft)
Tie On	0.00	0.000	269.792	0.00	0.00	0.00	0.00	0.00
KOP	8660.00	0.000	269.792	8660.00	0.00	0.00	0.00	0.00
EOC	8964.65	91.396	269.792	8850.93	-0.71	-195.64	30.00	195.64
No. 2H BHL	13313.29	91.396	269.792	8745.00	-16.51	-4542.95	0.00	4542.98



BGGM (1945 0 to 2010 0) Dip: 60.95° Field: 49371 nT
Magnetic North is 8.16 degrees East of True North (at 10/16/2008)
Grid North is 0.27 degrees East of True North
To correct azimuth from True to Grid subtract 0.27 degrees
To correct azimuth from Magnetic to Grid add 7.89 degrees
For example if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 7.89 = 97.89

Plot reference wellpath is Plan #2	
True vertical depths are referenced to Rig on No. 2H SHL (RT)	Grid System: NAD83 / TM New Mexico State Planes Eastern Zone (3001) US feet
Measured depths are referenced to Rig on No. 2H SHL (RT)	North Reference: Grid north
Rig on No. 2H SHL (RT) to Mean Sea Level: 4444 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Midway 17 Fed No. 2H): -4426 feet	Depths are in feet
Coordinates are in feet referenced to Facility Center	Created by: Victor Hernandez on 10/16/2008





Planned Wellpath Report

Plan #2
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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	(Midway) Sec 17, T15S, R31E	Wellbore	No. 2H PWB
Facility	Midway 17 Fed 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	0.999936	Report Generated	10/16/2008 at 3:50:11 PM
Convergence at slot	0.27° 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	693594.54	731406.95	33°00'34.740"N	103°50'11.924"W
Facility Reference Pt			693594.54	731406.95	33°00'34.740"N	103°50'11.924"W
Field Reference Pt			689006.90	731390.30	33°00'34.787"N	103°51'05.799"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	4444.00ft
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	269.79°



Planned Wellpath Report

Plan #2
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REFERENCE WELLPATH IDENTIFICATION

Operator	Cimarex Energy Co. of Colorado	Slot	No. 2H SHL
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Field	(Midway) Sec 17, T15S, R31E	Wellbore	No. 2H PWB
Facility	Midway 17 Fed No. 2H		

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

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00	0.000	269.792	0.00	0.00	0.00	0.00	0.00	Tie On
8660.00	0.000	269.792	8660.00	0.00	0.00	0.00	0.00	KOP
8760.00†	30.000	269.792	8755.49	25.59	-0.09	-25.59	30.00	
8860.00†	60.000	269.792	8825.40	95.49	-0.35	-95.49	30.00	
8960.00†	90.000	269.792	8850.99	190.99	-0.69	-190.98	30.00	
8964.65	91.396	269.792	8850.93	195.64	-0.71	-195.64	30.00	EOC
9060.00†	91.396	269.792	8848.61	290.96	-1.06	-290.96	0.00	
9160.00†	91.396	269.792	8846.17	390.93	-1.42	-390.92	0.00	
9260.00†	91.396	269.792	8843.73	490.90	-1.78	-490.89	0.00	
9360.00†	91.396	269.792	8841.30	590.87	-2.15	-590.86	0.00	
9460.00†	91.396	269.792	8838.86	690.84	-2.51	-690.83	0.00	
9560.00†	91.396	269.792	8836.43	790.81	-2.87	-790.80	0.00	
9660.00†	91.396	269.792	8833.99	890.78	-3.24	-890.77	0.00	
9760.00†	91.396	269.792	8831.56	990.75	-3.60	-990.74	0.00	
9860.00†	91.396	269.792	8829.12	1090.72	-3.96	-1090.71	0.00	
9960.00†	91.396	269.792	8826.68	1190.69	-4.33	-1190.68	0.00	
10060.00†	91.396	269.792	8824.25	1290.66	-4.69	-1290.65	0.00	
10160.00†	91.396	269.792	8821.81	1390.63	-5.06	-1390.62	0.00	
10260.00†	91.396	269.792	8819.38	1490.60	-5.42	-1490.59	0.00	
10360.00†	91.396	269.792	8816.94	1590.57	-5.78	-1590.56	0.00	
10460.00†	91.396	269.792	8814.50	1690.54	-6.15	-1690.53	0.00	
10560.00†	91.396	269.792	8812.07	1790.51	-6.51	-1790.50	0.00	
10660.00†	91.396	269.792	8809.63	1890.48	-6.87	-1890.47	0.00	
10760.00†	91.396	269.792	8807.20	1990.45	-7.24	-1990.44	0.00	
10860.00†	91.396	269.792	8804.76	2090.42	-7.60	-2090.41	0.00	
10960.00†	91.396	269.792	8802.32	2190.39	-7.96	-2190.38	0.00	
11060.00†	91.396	269.792	8799.89	2290.36	-8.33	-2290.35	0.00	
11160.00†	91.396	269.792	8797.45	2390.33	-8.69	-2390.32	0.00	
11260.00†	91.396	269.792	8795.02	2490.30	-9.05	-2490.29	0.00	
11360.00†	91.396	269.792	8792.58	2590.27	-9.42	-2590.26	0.00	



Planned Wellpath Report

Plan #2
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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	(Midway) Sec 17, T15S, R31E	Wellbore	No. 2H PWB
Facility	Midway 17 Fed No. 2H		

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

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
11460.00†	91.396	269.792	8790.14	2690.25	-9.78	-2690.23	0.00	
11560.00†	91.396	269.792	8787.71	2790.22	-10.14	-2790.20	0.00	
11660.00†	91.396	269.792	8785.27	2890.19	-10.51	-2890.17	0.00	
11760.00†	91.396	269.792	8782.84	2990.16	-10.87	-2990.14	0.00	
11860.00†	91.396	269.792	8780.40	3090.13	-11.23	-3090.11	0.00	
11960.00†	91.396	269.792	8777.97	3190.10	-11.60	-3190.08	0.00	
12060.00†	91.396	269.792	8775.53	3290.07	-11.96	-3290.05	0.00	
12160.00†	91.396	269.792	8773.09	3390.04	-12.32	-3390.01	0.00	
12260.00†	91.396	269.792	8770.66	3490.01	-12.69	-3489.98	0.00	
12360.00†	91.396	269.792	8768.22	3589.98	-13.05	-3589.95	0.00	
12460.00†	91.396	269.792	8765.79	3689.95	-13.41	-3689.92	0.00	
12560.00†	91.396	269.792	8763.35	3789.92	-13.78	-3789.89	0.00	
12660.00†	91.396	269.792	8760.91	3889.89	-14.14	-3889.86	0.00	
12760.00†	91.396	269.792	8758.48	3989.86	-14.50	-3989.83	0.00	
12860.00†	91.396	269.792	8756.04	4089.83	-14.87	-4089.80	0.00	
12960.00†	91.396	269.792	8753.61	4189.80	-15.23	-4189.77	0.00	
13060.00†	91.396	269.792	8751.17	4289.77	-15.59	-4289.74	0.00	
13160.00†	91.396	269.792	8748.73	4389.74	-15.96	-4389.71	0.00	
13260.00†	91.396	269.792	8746.30	4489.71	-16.32	-4489.68	0.00	
13313.29†	91.396	269.792	8745.00	4542.98	-16.51	-4542.95	0.00	No. 2H BHL



Planned Wellpath Report

Plan #2
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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	(Midway) Sec 17, T15S, R31E	Wellbore	No. 2H PWB
Facility	Midway 17 Fed No. 2H		

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	13313.29	8745.00	-16.51	-4542.95	689051.88	731390.44	33°00'34.786"N	103°51'05.271"W	point

SURVEY PROGRAM Ref Wellbore: No. 2H PWB Ref Wellpath: Plan #2

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
18.00	13313.29	NaviTrak (Standard)		No. 2H PWB