

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0137
Expires March 31, 2007

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

DEC 19 2008

2. Name of Operator

Nearburg Producing Company

OCD-ARTESIA

3a. Address

3300 N A St., Bldg 2, Ste 120, Midland, TX 79705

3b. Phone No. (include area code)

432/686-8235

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660 FSL and 330 FWL, Sec 22-16S-28E

5. Lease Serial No.

NMNM100844

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

Comet 22 Federal # 1

9. API Well No.

30-015-35832

10. Field and Pool, or Exploratory Area
Crow Flats; Wolfcamp

11. County or Parish, State

Eddy

NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other Change

BHL

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 recomple 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 recomple 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 final site is ready for final inspection.)

NPC requests to change the subject BHL from:

330 FSL and 330 FEL

to:

660 FSL and 330 FEL

See attached plat and directional plan.

Additional cement required on prod. csg.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Sarah Jordan

Title

Production Analyst

Date

12-15-08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Accepted for record - NMOCD

Title

Office

APPROVED

Date

DEC 18 2008

WESLEY W. INGRAM

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.

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, 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.

DISTRICT I
1825 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 12, 2005

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

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 97102	Pool Name Crow Flats; Wolfcamp
Property Code 31129	Property Name COMET "22" FEDERAL	Well Number 1
OGRID No. 015742	Operator Name NEARBURG PRODUCING COMPANY	Elevation 3608'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	16 S	28 E		660	SOUTH	330	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
P	22	16 S	28 E		660	SOUTH	330	EAST	EDDY
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-N32°54'08.52" LONG-W104°10'16.87" N:692053.648 E:591051.298 (NAD-83) BOTTOM HOLE LOCATION LAT-N32°54'11.85" LONG-W104°09'23.05" N:692397.146 E:595639.193 (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>Gordon</u> 12.15.08 Signature Date <u>Gordon</u> 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. MAY 04 2007 Date Surveyed Signature & Seal of MEXICO Professional Surveyor W.S. Anderson 10031 Certificate No. Gary L. Jones 7977 BASIN SURVEYS	

3606.9' 3612.2'

330' S.L.

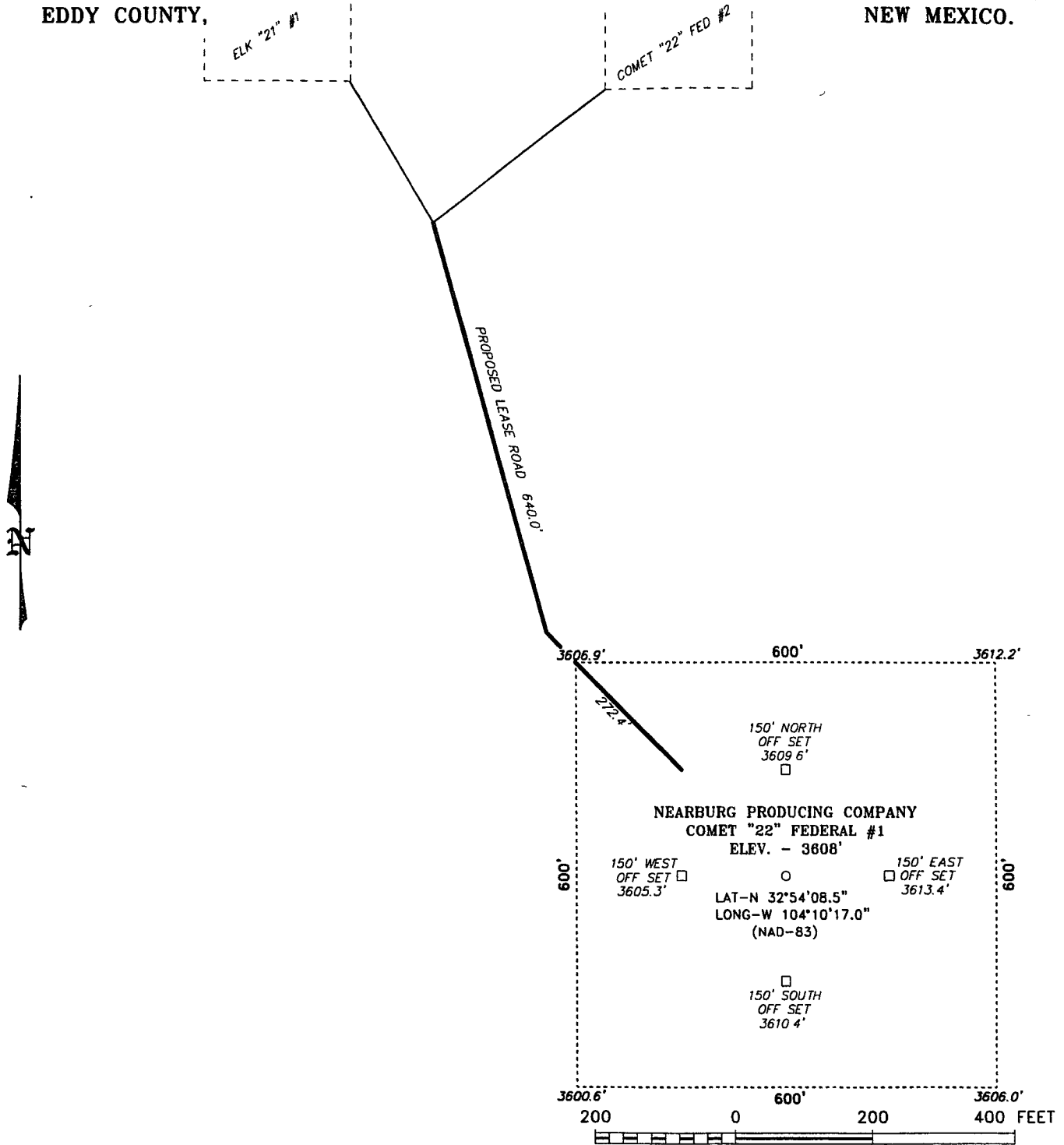
3600.6' 3606.0'

4599.6'

330' B.H.

600'

SECTION 22, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF U.S. HWY 82 AND CO RD.
202 (SOUTHERN UNION), GO NORTH ON CO. RD. 202
FOR 3.8 MILES TO LEASE ROAD, ON LEASE ROAD GO
NORTH 1.5 MILES TO LEASE ROAD, ON LEASE ROAD
GO EAST 1.5 MILES TO LEASE ROAD, ON LEASE ROAD
GO NORTH 2.7 MILES TO LEASE ROAD, THENCE EAST
1.0 MILES; THENCE SOUTH TO ELK "21" #1 AND
PROPOSED LEASE ROAD.

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

W.O. Number: 18031

Drawn By: J. M. SMALL

Date: 05-10-2007

Disk: JMS 18031W

NEARBURG PRODUCING COMPANY

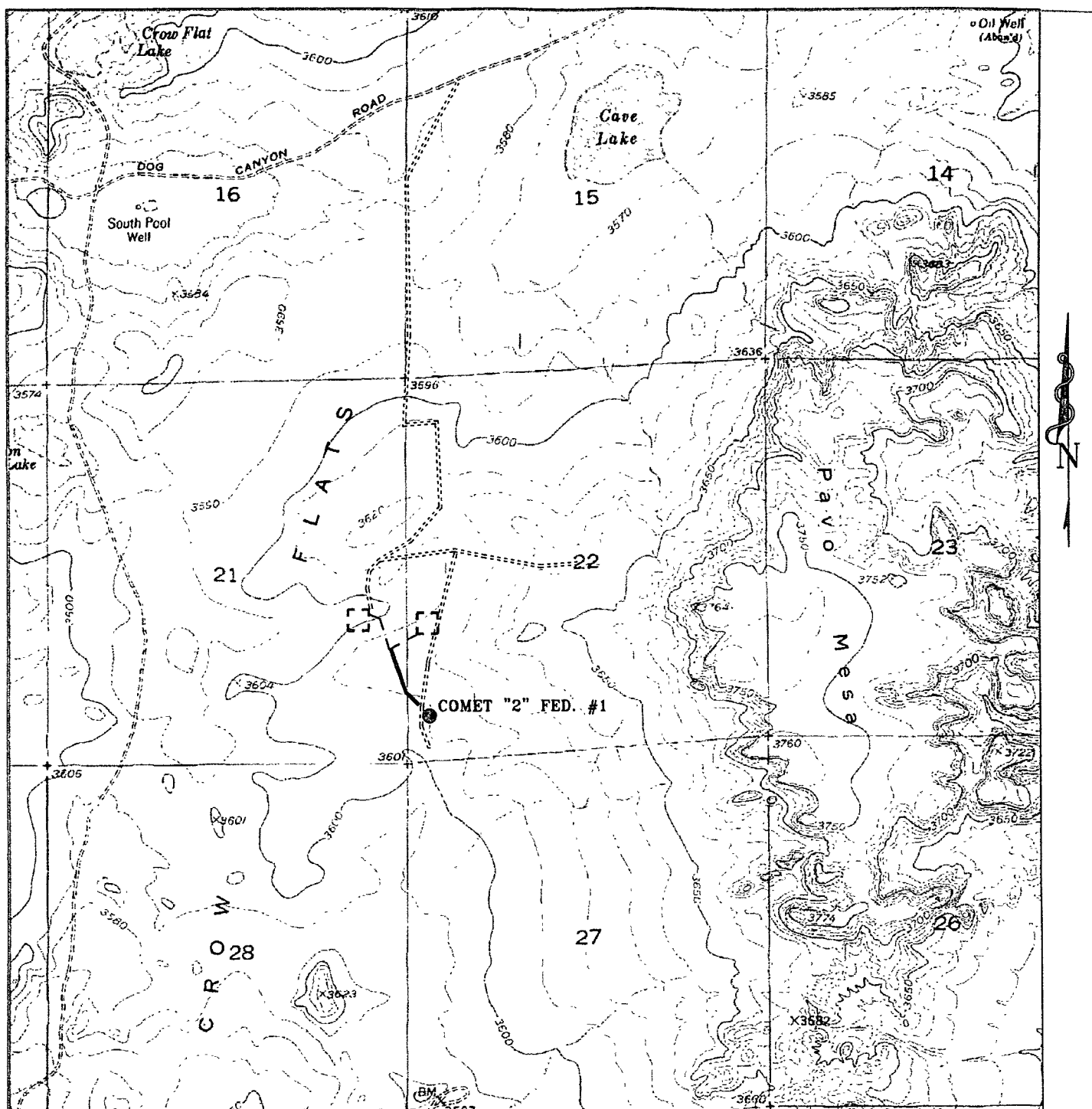
REF: COMET "22" FEDERAL #1 / Well Pad Topo

THE COMET "22" FEDERAL #1 LOCATED 660' FROM
THE SOUTH LINE AND 330' FROM THE WEST LINE OF
SECTION 22, TOWNSHIP 16 SOUTH, RANGE 28 EAST,

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

Survey Date: 05-04-2007

Sheet 1 of 1 Sheets



COMET "22" FEDERAL #1

Located at 660' FSL and 330 FWL
 Section 22, Township 16 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.

**basin
surveys**

focused on excellence
in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
basinsurveys.com

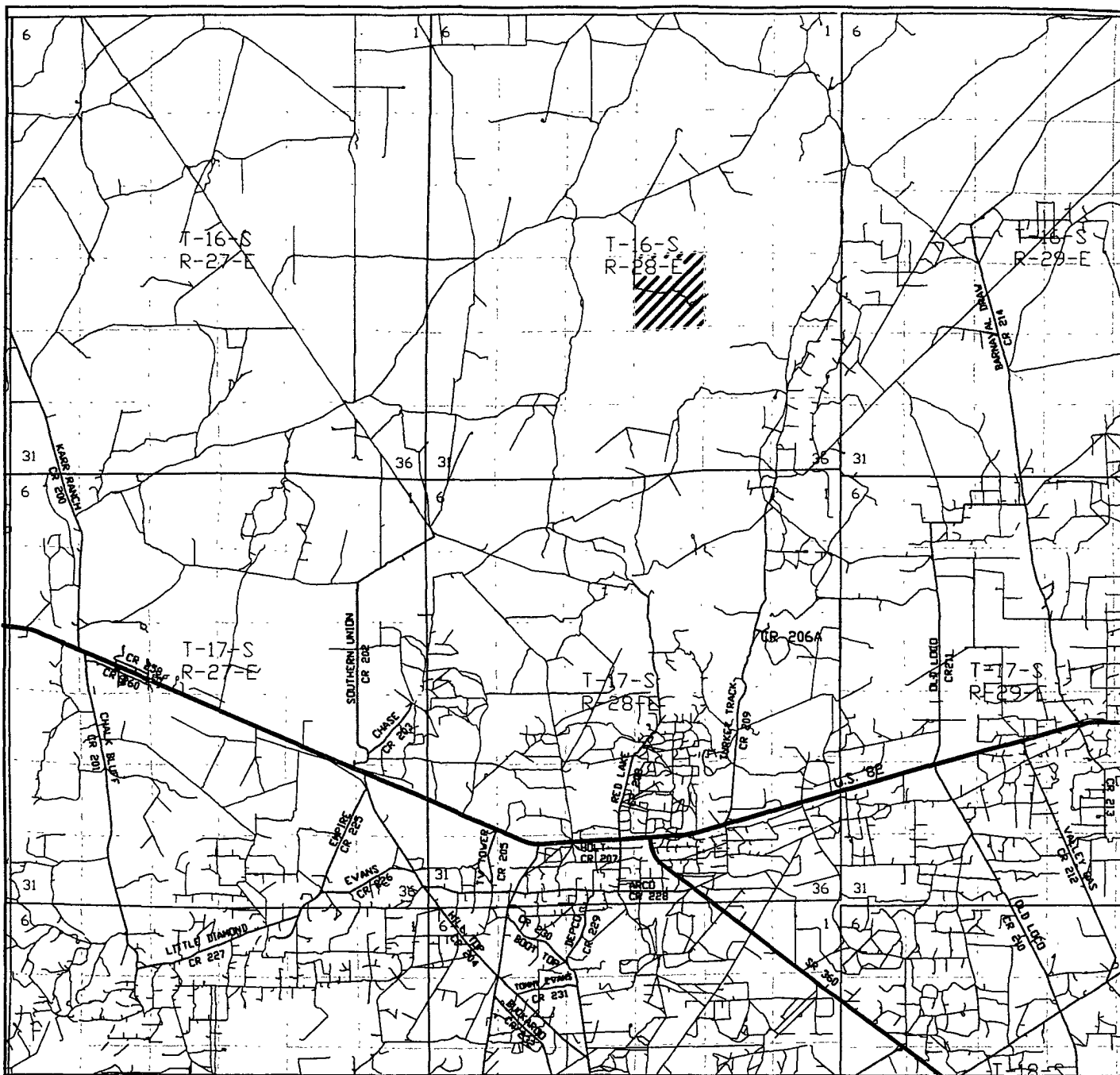
W.O. Number. JMS 18031T

Survey Date: 05-04-2007

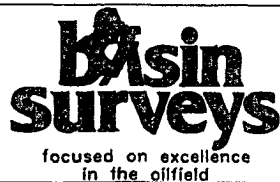
Scale 1" = 2000'

Date: 05-10-2007

**NEARBURG
PRODUCING
COMPANY**



COMET "22" FEDERAL #1
 Located at 6600' FSL and 330 FWL
 Section 22, Township 16 South, Range 28 East,
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
basinsurveys.com

W.O. Number: JMS 18031TR

Survey Date: 05-04-2007

Scale: 1" = 2 MILES

Date: 05-10-2007

NEARBURG
 PRODUCING
 COMPANY

NEARBURG PRODUCTION

Project: Eddy County, NM (Nad 83)
Site: Comet 22 Federal #1
Well: Comet 22 Federal #1
Wellbore: Lateral #1
Plan: Plan #1 (Comet 22 Federal #1/Lateral #1)



PROJECT DETAILS Eddy County, NM (Nad 83)

Geodetic System US State Plane 1983
Datum North American Datum 1983
Ellipsoid GRS 1980
Zone New Mexico Eastern Zone
System Datum Mean Sea Level

SECTION DETAILS

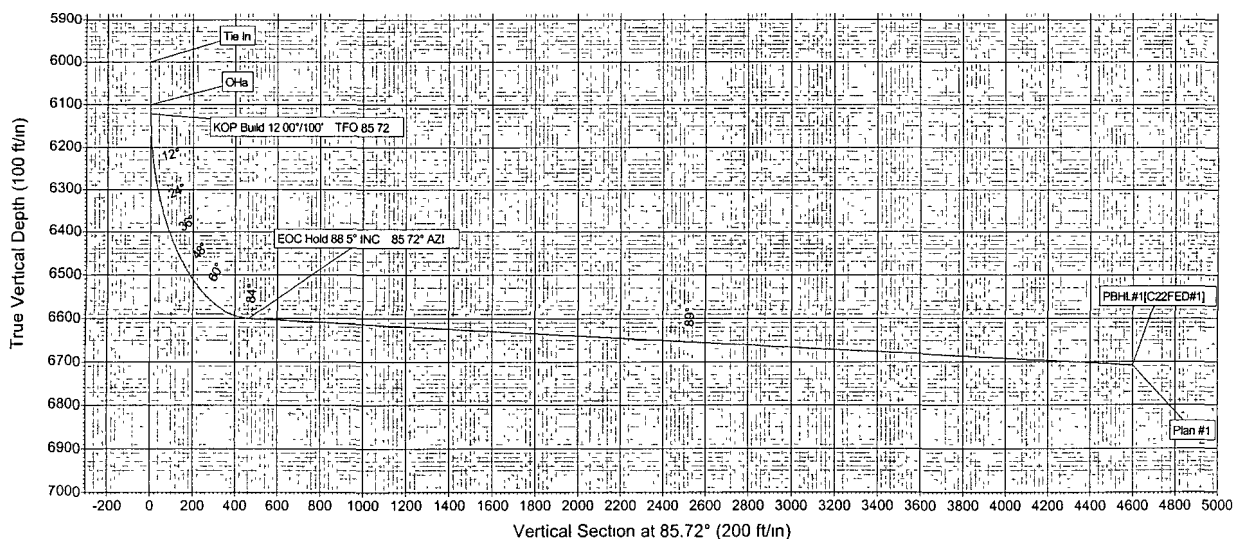
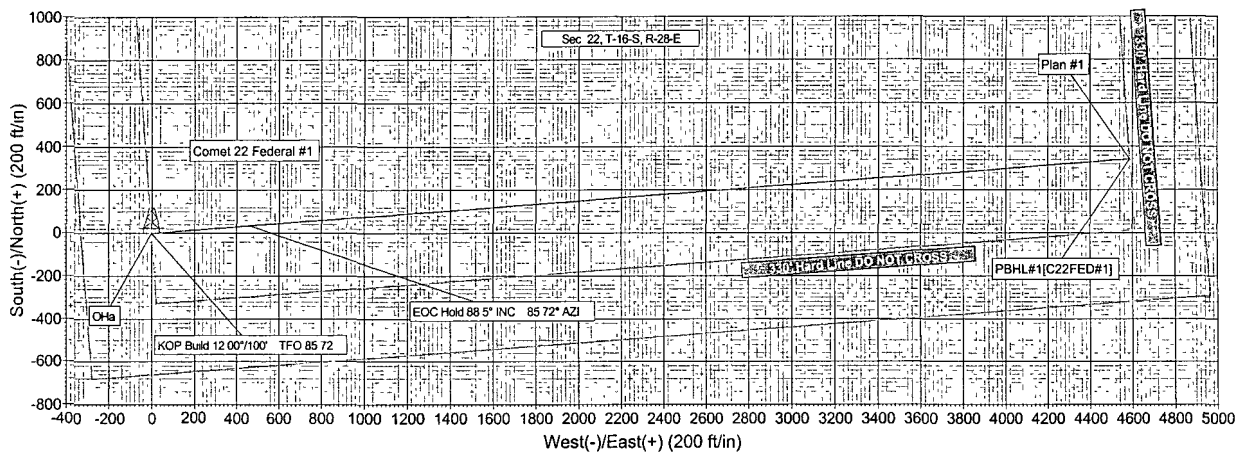
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00	0.00	
2	6122.70	0.00	0.00	6122.70	0.00	0.00	0.00	0.00	0.00	
3	6860.20	88.50	85.72	6860.00	34.72	463.67	12.00	85.72	464.97	PBHL#1[C22FED#1]
4	10997.39	88.50	85.72	6708.30	343.50	4587.90	0.00	0.00	4600.74	PBHL#1[C22FED#1]

ANNOTATIONS

TVD	MD	Annotation
6000.00	6000.00	Tie In
6122.70	6122.70	KOP Build 12.00°/100' TFO 85.72
6860.00	6860.20	EOC Hold 88.5° INC 85.72° AZI



Azimuths to Grid North
True North -0.09°
Magnetic North 8.11°
Magnetic Field
Strength 49233.6nT
Dip Angle 60.78°
Date 12/12/2008
Model IGRF200510



Nearburg Producing Co.

Eddy County, NM (Nad 83)

Comet 22 Federal #1

Comet 22 Federal #1

Lateral #1

Plan: Plan #1

Standard Planning Report

12 December, 2008

Black Viper Energy

Planning Report

Database: EDM 2003.14 Server Db
 Company: Nearburg Producing Co
 Project: Eddy County, NM (Nad 83)
 Site: Comet 22 Federal #1
 Well: Comet 22 Federal #1
 Wellbore: Lateral #1
 Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
 TVD Reference: WELL @ 3608.00ft (Original Well Elev)
 MD Reference: WELL @ 3608.00ft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Project: Eddy County, NM (Nad 83)
 Map System: US State Plane 1983
 Geo Datum: North American Datum 1983
 Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site: Comet 22 Federal #1

Site Position: Northing: 692,053.65 ft Latitude: 32° 54' 8.509 N
 From: Map Easting: 591,051.30 ft Longitude: 104° 10' 16.887 W
 Position Uncertainty: 0 00 ft Slot Radius: " Grid Convergence: 0 09 °

Well: Comet 22 Federal #1

Well Position: +N/-S 0 00 ft Northing: 692,053.65 ft Latitude: 32° 54' 8.509 N
 +E/-W 0.00 ft Easting: 591,051.30 ft Longitude: 104° 10' 16.887 W
 Position Uncertainty: 0 00 ft Wellhead Elevation: ft Ground Level: 3,608.00 ft

Wellbore: Lateral #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/12/2008	8 20	60 79	49,234

Design: Plan #1

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 6,000.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0 00	0 00	0 00	85 72

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
6,000.00	0 00	0 00	6,000.00	0 00	0 00	0.00	0.00	0 00	0 00	
6,122.70	0 00	0 00	6,122.70	0.00	0 00	0 00	0.00	0 00	0 00	
6,860.20	88.50	85 72	6,600.00	34 72	463.67	12 00	12 00	0.00	85 72	
10,997.39	88 50	85 72	6,708.30	343.50	4,587.90	0.00	0 00	0.00	0.00	PBHL#1[C22FED#1]

Black Viper Energy

Planning Report

Database: EDM 2003 14 Server Db
 Company: Nearburg Producing Co.
 Project: Eddy County, NM (Nad 83)
 Site: Comet 22 Federal #1
 Well: Comet 22 Federal #1
 Wellbore: Lateral #1
 Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
 TVD Reference: WELL @ 3608.00ft (Original Well Elev)
 MD Reference: WELL @ 3608.00ft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Tie In									
6,030.00	0.00	0.00	6,030.00	0.00	0.00	0.00	0.00	0.00	0.00
6,060.00	0.00	0.00	6,060.00	0.00	0.00	0.00	0.00	0.00	0.00
6,090.00	0.00	0.00	6,090.00	0.00	0.00	0.00	0.00	0.00	0.00
6,120.00	0.00	0.00	6,120.00	0.00	0.00	0.00	0.00	0.00	0.00
6,122.70	0.00	0.00	6,122.70	0.00	0.00	0.00	0.00	0.00	0.00
KOP Build 12.00°/100' :: TFO 85.72									
6,150.00	3.28	85.72	6,149.99	0.06	0.78	0.78	12.00	12.00	0.00
6,180.00	6.88	85.72	6,179.86	0.26	3.42	3.43	12.00	12.00	0.00
6,210.00	10.48	85.72	6,209.51	0.59	7.94	7.96	12.00	12.00	0.00
6,240.00	14.08	85.72	6,238.82	1.07	14.30	14.34	12.00	12.00	0.00
6,270.00	17.68	85.72	6,267.67	1.68	22.48	22.54	12.00	12.00	0.00
6,300.00	21.28	85.72	6,295.95	2.43	32.45	32.54	12.00	12.00	0.00
6,330.00	24.88	85.72	6,323.55	3.31	44.18	44.30	12.00	12.00	0.00
6,360.00	28.48	85.72	6,350.35	4.31	57.60	57.77	12.00	12.00	0.00
6,390.00	32.08	85.72	6,376.25	5.44	72.68	72.89	12.00	12.00	0.00
6,420.00	35.68	85.72	6,401.16	6.69	89.36	89.61	12.00	12.00	0.00
6,450.00	39.28	85.72	6,424.96	8.05	107.56	107.86	12.00	12.00	0.00
6,480.00	42.88	85.72	6,447.57	9.52	127.21	127.57	12.00	12.00	0.00
6,510.00	46.48	85.72	6,468.90	11.10	148.24	148.66	12.00	12.00	0.00
6,540.00	50.08	85.72	6,488.87	12.77	170.56	171.04	12.00	12.00	0.00
6,570.00	53.68	85.72	6,507.38	14.53	194.10	194.64	12.00	12.00	0.00
6,600.00	57.28	85.72	6,524.38	16.38	218.74	219.35	12.00	12.00	0.00
6,630.00	60.88	85.72	6,539.80	18.30	244.40	245.08	12.00	12.00	0.00
6,660.00	64.48	85.72	6,553.57	20.29	270.97	271.73	12.00	12.00	0.00
6,690.00	68.08	85.72	6,565.63	22.34	298.36	299.19	12.00	12.00	0.00
6,720.00	71.68	85.72	6,575.95	24.44	326.44	327.36	12.00	12.00	0.00
6,750.00	75.28	85.72	6,584.49	26.59	355.12	356.11	12.00	12.00	0.00
6,780.00	78.88	85.72	6,591.19	28.77	384.27	385.35	12.00	12.00	0.00
6,810.00	82.48	85.72	6,596.05	30.98	413.79	414.95	12.00	12.00	0.00
6,840.00	86.08	85.72	6,599.05	33.21	443.55	444.79	12.00	12.00	0.00
6,860.20	88.50	85.72	6,600.00	34.72	463.67	464.97	12.00	12.00	0.00
EOC Hold 88.5° INC :: 85.72° AZI									
6,870.00	88.50	85.72	6,600.26	35.45	473.44	474.76	0.00	0.00	0.00
6,900.00	88.50	85.72	6,601.04	37.69	503.34	504.75	0.00	0.00	0.00
6,930.00	88.50	85.72	6,601.83	39.92	533.25	534.74	0.00	0.00	0.00
6,960.00	88.50	85.72	6,602.61	42.16	563.16	564.73	0.00	0.00	0.00
6,990.00	88.50	85.72	6,603.40	44.40	593.06	594.72	0.00	0.00	0.00
7,020.00	88.50	85.72	6,604.18	46.64	622.97	624.71	0.00	0.00	0.00
7,050.00	88.50	85.72	6,604.97	48.88	652.87	654.70	0.00	0.00	0.00
7,080.00	88.50	85.72	6,605.75	51.12	682.78	684.69	0.00	0.00	0.00
7,110.00	88.50	85.72	6,606.54	53.36	712.69	714.68	0.00	0.00	0.00
7,140.00	88.50	85.72	6,607.33	55.60	742.59	744.67	0.00	0.00	0.00
7,170.00	88.50	85.72	6,608.11	57.84	772.50	774.66	0.00	0.00	0.00
7,200.00	88.50	85.72	6,608.90	60.08	802.40	804.65	0.00	0.00	0.00
7,230.00	88.50	85.72	6,609.68	62.32	832.31	834.64	0.00	0.00	0.00
7,260.00	88.50	85.72	6,610.47	64.55	862.22	864.63	0.00	0.00	0.00
7,290.00	88.50	85.72	6,611.25	66.79	892.12	894.62	0.00	0.00	0.00
7,320.00	88.50	85.72	6,612.04	69.03	922.03	924.61	0.00	0.00	0.00
7,350.00	88.50	85.72	6,612.82	71.27	951.93	954.60	0.00	0.00	0.00
7,380.00	88.50	85.72	6,613.61	73.51	981.84	984.59	0.00	0.00	0.00
7,410.00	88.50	85.72	6,614.39	75.75	1,011.75	1,014.58	0.00	0.00	0.00

Black Viper Energy

Planning Report

Database: EDM 2003.14 Server Db
Company: Nearburg Producing Co.
Project: Eddy County, NM (Nad 83)
Site: Comet 22 Federal #1
Well: Comet 22 Federal #1
Wellbore: Lateral #1
Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
TVD Reference: WELL @ 3608.00ft (Original Well Elev)
MD Reference: WELL @ 3608.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,440.00	88.50	85.72	6,615.18	77.99	1,041.65	1,044.57	0.00	0.00	0.00
7,470.00	88.50	85.72	6,615.96	80.23	1,071.56	1,074.56	0.00	0.00	0.00
7,500.00	88.50	85.72	6,616.75	82.47	1,101.46	1,104.55	0.00	0.00	0.00
7,530.00	88.50	85.72	6,617.53	84.71	1,131.37	1,134.54	0.00	0.00	0.00
7,560.00	88.50	85.72	6,618.32	86.95	1,161.28	1,164.53	0.00	0.00	0.00
7,590.00	88.50	85.72	6,619.11	89.18	1,191.18	1,194.52	0.00	0.00	0.00
7,620.00	88.50	85.72	6,619.89	91.42	1,221.09	1,224.51	0.00	0.00	0.00
7,650.00	88.50	85.72	6,620.68	93.66	1,250.99	1,254.50	0.00	0.00	0.00
7,680.00	88.50	85.72	6,621.46	95.90	1,280.90	1,284.49	0.00	0.00	0.00
7,710.00	88.50	85.72	6,622.25	98.14	1,310.81	1,314.48	0.00	0.00	0.00
7,740.00	88.50	85.72	6,623.03	100.38	1,340.71	1,344.47	0.00	0.00	0.00
7,770.00	88.50	85.72	6,623.82	102.62	1,370.62	1,374.46	0.00	0.00	0.00
7,800.00	88.50	85.72	6,624.60	104.86	1,400.52	1,404.44	0.00	0.00	0.00
7,830.00	88.50	85.72	6,625.39	107.10	1,430.43	1,434.43	0.00	0.00	0.00
7,860.00	88.50	85.72	6,626.17	109.34	1,460.34	1,464.42	0.00	0.00	0.00
7,890.00	88.50	85.72	6,626.96	111.58	1,490.24	1,494.41	0.00	0.00	0.00
7,920.00	88.50	85.72	6,627.74	113.81	1,520.15	1,524.40	0.00	0.00	0.00
7,950.00	88.50	85.72	6,628.53	116.05	1,550.05	1,554.39	0.00	0.00	0.00
7,980.00	88.50	85.72	6,629.31	118.29	1,579.96	1,584.38	0.00	0.00	0.00
8,010.00	88.50	85.72	6,630.10	120.53	1,609.87	1,614.37	0.00	0.00	0.00
8,040.00	88.50	85.72	6,630.88	122.77	1,639.77	1,644.36	0.00	0.00	0.00
8,070.00	88.50	85.72	6,631.67	125.01	1,669.68	1,674.35	0.00	0.00	0.00
8,100.00	88.50	85.72	6,632.46	127.25	1,699.59	1,704.34	0.00	0.00	0.00
8,130.00	88.50	85.72	6,633.24	129.49	1,729.49	1,734.33	0.00	0.00	0.00
8,160.00	88.50	85.72	6,634.03	131.73	1,759.40	1,764.32	0.00	0.00	0.00
8,190.00	88.50	85.72	6,634.81	133.97	1,789.30	1,794.31	0.00	0.00	0.00
8,220.00	88.50	85.72	6,635.60	136.21	1,819.21	1,824.30	0.00	0.00	0.00
8,250.00	88.50	85.72	6,636.38	138.44	1,849.12	1,854.29	0.00	0.00	0.00
8,280.00	88.50	85.72	6,637.17	140.68	1,879.02	1,884.28	0.00	0.00	0.00
8,310.00	88.50	85.72	6,637.95	142.92	1,908.93	1,914.27	0.00	0.00	0.00
8,340.00	88.50	85.72	6,638.74	145.16	1,938.83	1,944.26	0.00	0.00	0.00
8,370.00	88.50	85.72	6,639.52	147.40	1,968.74	1,974.25	0.00	0.00	0.00
8,400.00	88.50	85.72	6,640.31	149.64	1,998.65	2,004.24	0.00	0.00	0.00
8,430.00	88.50	85.72	6,641.09	151.88	2,028.55	2,034.23	0.00	0.00	0.00
8,460.00	88.50	85.72	6,641.88	154.12	2,058.46	2,064.22	0.00	0.00	0.00
8,490.00	88.50	85.72	6,642.66	156.36	2,088.36	2,094.21	0.00	0.00	0.00
8,520.00	88.50	85.72	6,643.45	158.60	2,118.27	2,124.20	0.00	0.00	0.00
8,550.00	88.50	85.72	6,644.23	160.83	2,148.18	2,154.19	0.00	0.00	0.00
8,580.00	88.50	85.72	6,645.02	163.07	2,178.08	2,184.18	0.00	0.00	0.00
8,610.00	88.50	85.72	6,645.81	165.31	2,207.99	2,214.17	0.00	0.00	0.00
8,640.00	88.50	85.72	6,646.59	167.55	2,237.89	2,244.16	0.00	0.00	0.00
8,670.00	88.50	85.72	6,647.38	169.79	2,267.80	2,274.15	0.00	0.00	0.00
8,700.00	88.50	85.72	6,648.16	172.03	2,297.71	2,304.14	0.00	0.00	0.00
8,730.00	88.50	85.72	6,648.95	174.27	2,327.61	2,334.13	0.00	0.00	0.00
8,760.00	88.50	85.72	6,649.73	176.51	2,357.52	2,364.12	0.00	0.00	0.00
8,790.00	88.50	85.72	6,650.52	178.75	2,387.42	2,394.11	0.00	0.00	0.00
8,820.00	88.50	85.72	6,651.30	180.99	2,417.33	2,424.10	0.00	0.00	0.00
8,850.00	88.50	85.72	6,652.09	183.23	2,447.24	2,454.08	0.00	0.00	0.00
8,880.00	88.50	85.72	6,652.87	185.46	2,477.14	2,484.07	0.00	0.00	0.00
8,910.00	88.50	85.72	6,653.66	187.70	2,507.05	2,514.06	0.00	0.00	0.00
8,940.00	88.50	85.72	6,654.44	189.94	2,536.95	2,544.05	0.00	0.00	0.00
8,970.00	88.50	85.72	6,655.23	192.18	2,566.86	2,574.04	0.00	0.00	0.00
9,000.00	88.50	85.72	6,656.01	194.42	2,596.77	2,604.03	0.00	0.00	0.00
9,030.00	88.50	85.72	6,656.80	196.66	2,626.67	2,634.02	0.00	0.00	0.00

Black Viper Energy

Planning Report

Database: EDM 2003 14 Server Db
Company: Nearburg Producing Co.
Project: Eddy County, NM (Nad 83)
Site: Comet 22 Federal #1
Well: Comet 22 Federal #1
Wellbore: Lateral #1
Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
TVD Reference: WELL @ 3608 00ft (Original Well Elev)
MD Reference: WELL @ 3608.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,060.00	88.50	85.72	6,657.59	198.90	2,656.58	2,664.01	0.00	0.00	0.00
9,090.00	88.50	85.72	6,658.37	201.14	2,686.48	2,694.00	0.00	0.00	0.00
9,120.00	88.50	85.72	6,659.16	203.38	2,716.39	2,723.99	0.00	0.00	0.00
9,150.00	88.50	85.72	6,659.94	205.62	2,746.30	2,753.98	0.00	0.00	0.00
9,180.00	88.50	85.72	6,660.73	207.86	2,776.20	2,783.97	0.00	0.00	0.00
9,210.00	88.50	85.72	6,661.51	210.09	2,806.11	2,813.96	0.00	0.00	0.00
9,240.00	88.50	85.72	6,662.30	212.33	2,836.01	2,843.95	0.00	0.00	0.00
9,270.00	88.50	85.72	6,663.08	214.57	2,865.92	2,873.94	0.00	0.00	0.00
9,300.00	88.50	85.72	6,663.87	216.81	2,895.83	2,903.93	0.00	0.00	0.00
9,330.00	88.50	85.72	6,664.65	219.05	2,925.73	2,933.92	0.00	0.00	0.00
9,360.00	88.50	85.72	6,665.44	221.29	2,955.64	2,963.91	0.00	0.00	0.00
9,390.00	88.50	85.72	6,666.22	223.53	2,985.54	2,993.90	0.00	0.00	0.00
9,420.00	88.50	85.72	6,667.01	225.77	3,015.45	3,023.89	0.00	0.00	0.00
9,450.00	88.50	85.72	6,667.79	228.01	3,045.36	3,053.88	0.00	0.00	0.00
9,480.00	88.50	85.72	6,668.58	230.25	3,075.26	3,083.87	0.00	0.00	0.00
9,510.00	88.50	85.72	6,669.36	232.49	3,105.17	3,113.86	0.00	0.00	0.00
9,540.00	88.50	85.72	6,670.15	234.72	3,135.07	3,143.85	0.00	0.00	0.00
9,570.00	88.50	85.72	6,670.94	236.96	3,164.98	3,173.84	0.00	0.00	0.00
9,600.00	88.50	85.72	6,671.72	239.20	3,194.89	3,203.83	0.00	0.00	0.00
9,630.00	88.50	85.72	6,672.51	241.44	3,224.79	3,233.82	0.00	0.00	0.00
9,660.00	88.50	85.72	6,673.29	243.68	3,254.70	3,263.81	0.00	0.00	0.00
9,690.00	88.50	85.72	6,674.08	245.92	3,284.60	3,293.80	0.00	0.00	0.00
9,720.00	88.50	85.72	6,674.86	248.16	3,314.51	3,323.79	0.00	0.00	0.00
9,750.00	88.50	85.72	6,675.65	250.40	3,344.42	3,353.78	0.00	0.00	0.00
9,780.00	88.50	85.72	6,676.43	252.64	3,374.32	3,383.77	0.00	0.00	0.00
9,810.00	88.50	85.72	6,677.22	254.88	3,404.23	3,413.76	0.00	0.00	0.00
9,840.00	88.50	85.72	6,678.00	257.12	3,434.13	3,443.75	0.00	0.00	0.00
9,870.00	88.50	85.72	6,678.79	259.35	3,464.04	3,473.74	0.00	0.00	0.00
9,900.00	88.50	85.72	6,679.57	261.59	3,493.95	3,503.73	0.00	0.00	0.00
9,930.00	88.50	85.72	6,680.36	263.83	3,523.85	3,533.71	0.00	0.00	0.00
9,960.00	88.50	85.72	6,681.14	266.07	3,553.76	3,563.70	0.00	0.00	0.00
9,990.00	88.50	85.72	6,681.93	268.31	3,583.66	3,593.69	0.00	0.00	0.00
10,020.00	88.50	85.72	6,682.71	270.55	3,613.57	3,623.68	0.00	0.00	0.00
10,050.00	88.50	85.72	6,683.50	272.79	3,643.48	3,653.67	0.00	0.00	0.00
10,080.00	88.50	85.72	6,684.29	275.03	3,673.38	3,683.66	0.00	0.00	0.00
10,110.00	88.50	85.72	6,685.07	277.27	3,703.29	3,713.65	0.00	0.00	0.00
10,140.00	88.50	85.72	6,685.86	279.51	3,733.19	3,743.64	0.00	0.00	0.00
10,170.00	88.50	85.72	6,686.64	281.75	3,763.10	3,773.63	0.00	0.00	0.00
10,200.00	88.50	85.72	6,687.43	283.98	3,793.01	3,803.62	0.00	0.00	0.00
10,230.00	88.50	85.72	6,688.21	286.22	3,822.91	3,833.61	0.00	0.00	0.00
10,260.00	88.50	85.72	6,689.00	288.46	3,852.82	3,863.60	0.00	0.00	0.00
10,290.00	88.50	85.72	6,689.78	290.70	3,882.72	3,893.59	0.00	0.00	0.00
10,320.00	88.50	85.72	6,690.57	292.94	3,912.63	3,923.58	0.00	0.00	0.00
10,350.00	88.50	85.72	6,691.35	295.18	3,942.54	3,953.57	0.00	0.00	0.00
10,380.00	88.50	85.72	6,692.14	297.42	3,972.44	3,983.56	0.00	0.00	0.00
10,410.00	88.50	85.72	6,692.92	299.66	4,002.35	4,013.55	0.00	0.00	0.00
10,440.00	88.50	85.72	6,693.71	301.90	4,032.25	4,043.54	0.00	0.00	0.00
10,470.00	88.50	85.72	6,694.49	304.14	4,062.16	4,073.53	0.00	0.00	0.00
10,500.00	88.50	85.72	6,695.28	306.38	4,092.07	4,103.52	0.00	0.00	0.00
10,530.00	88.50	85.72	6,696.07	308.61	4,121.97	4,133.51	0.00	0.00	0.00
10,560.00	88.50	85.72	6,696.85	310.85	4,151.88	4,163.50	0.00	0.00	0.00
10,590.00	88.50	85.72	6,697.64	313.09	4,181.78	4,193.49	0.00	0.00	0.00
10,620.00	88.50	85.72	6,698.42	315.33	4,211.69	4,223.48	0.00	0.00	0.00

Black Viper Energy

Planning Report

Database: EDM 2003.14 Server Db
 Company: Nearburg Producing Co
 Project: Eddy County, NM (Nad 83)
 Site: Comet 22 Federal #1
 Well: Comet 22 Federal #1
 Wellbore: Lateral #1
 Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
 TVD Reference: WELL @ 3608.00ft (Original Well Elev)
 MD Reference: WELL @ 3608.00ft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,650.00	88.50	85.72	6,699.21	317.57	4,241.60	4,253.47	0.00	0.00	0.00
10,680.00	88.50	85.72	6,699.99	319.81	4,271.50	4,283.46	0.00	0.00	0.00
10,710.00	88.50	85.72	6,700.78	322.05	4,301.41	4,313.45	0.00	0.00	0.00
10,740.00	88.50	85.72	6,701.56	324.29	4,331.31	4,343.44	0.00	0.00	0.00
10,770.00	88.50	85.72	6,702.35	326.53	4,361.22	4,373.43	0.00	0.00	0.00
10,800.00	88.50	85.72	6,703.13	328.77	4,391.13	4,403.42	0.00	0.00	0.00
10,830.00	88.50	85.72	6,703.92	331.00	4,421.03	4,433.41	0.00	0.00	0.00
10,860.00	88.50	85.72	6,704.70	333.24	4,450.94	4,463.40	0.00	0.00	0.00
10,890.00	88.50	85.72	6,705.49	335.48	4,480.84	4,493.39	0.00	0.00	0.00
10,920.00	88.50	85.72	6,706.27	337.72	4,510.75	4,523.38	0.00	0.00	0.00
10,950.00	88.50	85.72	6,707.06	339.96	4,540.66	4,553.37	0.00	0.00	0.00
10,980.00	88.50	85.72	6,707.84	342.20	4,570.56	4,583.36	0.00	0.00	0.00
10,997.39	88.50	85.72	6,708.30	343.50	4,587.90	4,600.74	0.00	0.00	0.00

Targets

Target Name

hit/miss:target Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LL[C22FED#1] - plan misses by 6000.00ft at 6000.00ft MD (6000.00 TVD, 0.00 N, 0.00 E) - Rectangle (sides W5,280.00 H5,260.74 D0.00)	0.00	0.00	0.00	0.00	0.00	692,053.65	591,051.30	32° 54' 8.509 N	104° 10' 16.887 W
PBHL#1[C22FED#1] - plan hits target - Point	0.00	0.00	6,708.30	343.50	4,587.90	692,397.15	595,639.19	32° 54' 11.835 N	104° 9' 23.066 W
HL[C22FED#1] - plan misses by 6000.00ft at 6000.00ft MD (6000.00 TVD, 0.00 N, 0.00 E) - Rectangle (sides W4,620.00 H4,600.74 D0.00)	0.00	0.00	0.00	0.00	0.00	692,053.65	591,051.30	32° 54' 8.509 N	104° 10' 16.887 W

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,000.00	6,000.00	0.00	0.00	Tie In
6,122.70	6,122.70	0.00	0.00	KOP Build 12.00°/100' : TFO 85.72
6,860.20	6,600.00	34.72	463.67	EOC Hold 88.5° INC 85.72° AZI

Nearburg Producing Co.

Eddy County, NM (Nad 83)

Comet 22 Federal #1

Comet 22 Federal #1

Lateral #1

Plan: Plan #1

Standard Planning Report

12 December, 2008

Black Viper Energy

Planning Report

Database: EDM 2003.14 Server Db
 Company: Nearburg Producing Co.
 Project: Eddy County, NM (Nad 83)
 Site: Comet 22 Federal #1
 Well: Comet 22 Federal #1
 Wellbore: Lateral #1
 Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
 TVD Reference: WELL @ 3608.00ft (Original Well Elev)
 MD Reference: WELL @ 3608.00ft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Project: Eddy County, NM (Nad 83)

Map System: US State Plane 1983
 Geo Datum: North American Datum 1983
 Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site: Comet 22 Federal #1

Site Position: Northing: 692,053.65 ft Latitude: 32° 54' 8.509 N
 From: Map Easting: 591,051.30 ft Longitude: 104° 10' 16.887 W
 Position Uncertainty: 0.00 ft Slot Radius: " Grid Convergence: 0.09 °

Well: Comet 22 Federal #1

Well Position: +N/-S 0.00 ft Northing: 692,053.65 ft Latitude: 32° 54' 8.509 N
 +E/-W 0.00 ft Easting: 591,051.30 ft Longitude: 104° 10' 16.887 W
 Position Uncertainty: 0.00 ft Wellhead Elevation: ft Ground Level: 3,608.00 ft

Wellbore: Lateral #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/12/2008	8.20	60.79	49,234

Design: Plan #1

Audit Notes:

Version: Phase: PROTOTYPE Tie On Depth: 6,000.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	85.72

Plan Sections

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,122.70	0.00	0.00	6,122.70	0.00	0.00	0.00	0.00	0.00	0.00	
6,860.20	88.50	85.72	6,600.00	34.72	463.67	12.00	12.00	0.00	85.72	
10,997.39	88.50	85.72	6,708.30	343.50	4,587.90	0.00	0.00	0.00	0.00	PBHL#1[C22FED#1]

Black Viper Energy

Planning Report

Database: EDM 2003.14 Server Db
 Company: Nearburg Producing Co.
 Project: Eddy County, NM (Nad 83)
 Site: Comet 22 Federal #1
 Well: Comet 22 Federal #1
 Wellbore: Lateral #1
 Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
 TVD Reference: WELL @ 3608.00ft (Original Well Elev)
 MD Reference: WELL @ 3608.00ft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Tie In									
6,030.00	0.00	0.00	6,030.00	0.00	0.00	0.00	0.00	0.00	0.00
6,060.00	0.00	0.00	6,060.00	0.00	0.00	0.00	0.00	0.00	0.00
6,090.00	0.00	0.00	6,090.00	0.00	0.00	0.00	0.00	0.00	0.00
6,120.00	0.00	0.00	6,120.00	0.00	0.00	0.00	0.00	0.00	0.00
6,122.70	0.00	0.00	6,122.70	0.00	0.00	0.00	0.00	0.00	0.00
KOP Build 12.00°/100' :: TFO 85.72									
6,150.00	3.28	85.72	6,149.99	0.06	0.78	0.78	12.00	12.00	0.00
6,180.00	6.88	85.72	6,179.86	0.26	3.42	3.43	12.00	12.00	0.00
6,210.00	10.48	85.72	6,209.51	0.59	7.94	7.96	12.00	12.00	0.00
6,240.00	14.08	85.72	6,238.82	1.07	14.30	14.34	12.00	12.00	0.00
6,270.00	17.68	85.72	6,267.67	1.68	22.48	22.54	12.00	12.00	0.00
6,300.00	21.28	85.72	6,295.95	2.43	32.45	32.54	12.00	12.00	0.00
6,330.00	24.88	85.72	6,323.55	3.31	44.18	44.30	12.00	12.00	0.00
6,360.00	28.48	85.72	6,350.35	4.31	57.60	57.77	12.00	12.00	0.00
6,390.00	32.08	85.72	6,376.25	5.44	72.68	72.89	12.00	12.00	0.00
6,420.00	35.68	85.72	6,401.16	6.69	89.36	89.61	12.00	12.00	0.00
6,450.00	39.28	85.72	6,424.96	8.05	107.56	107.86	12.00	12.00	0.00
6,480.00	42.88	85.72	6,447.57	9.52	127.21	127.57	12.00	12.00	0.00
6,510.00	46.48	85.72	6,468.90	11.10	148.24	148.66	12.00	12.00	0.00
6,540.00	50.08	85.72	6,488.87	12.77	170.56	171.04	12.00	12.00	0.00
6,570.00	53.68	85.72	6,507.38	14.53	194.10	194.64	12.00	12.00	0.00
6,600.00	57.28	85.72	6,524.38	16.38	218.74	219.35	12.00	12.00	0.00
6,630.00	60.88	85.72	6,539.80	18.30	244.40	245.08	12.00	12.00	0.00
6,660.00	64.48	85.72	6,553.57	20.29	270.97	271.73	12.00	12.00	0.00
6,690.00	68.08	85.72	6,565.63	22.34	298.36	299.19	12.00	12.00	0.00
6,720.00	71.68	85.72	6,575.95	24.44	326.44	327.36	12.00	12.00	0.00
6,750.00	75.28	85.72	6,584.49	26.59	355.12	356.11	12.00	12.00	0.00
6,780.00	78.88	85.72	6,591.19	28.77	384.27	385.35	12.00	12.00	0.00
6,810.00	82.48	85.72	6,596.05	30.98	413.79	414.95	12.00	12.00	0.00
6,840.00	86.08	85.72	6,599.05	33.21	443.55	444.79	12.00	12.00	0.00
6,860.20	88.50	85.72	6,600.00	34.72	463.67	464.97	12.00	12.00	0.00
EOC Hold 88.5° INC :: 85.72° AZI									
6,870.00	88.50	85.72	6,600.26	35.45	473.44	474.76	0.00	0.00	0.00
6,900.00	88.50	85.72	6,601.04	37.69	503.34	504.75	0.00	0.00	0.00
6,930.00	88.50	85.72	6,601.83	39.92	533.25	534.74	0.00	0.00	0.00
6,960.00	88.50	85.72	6,602.61	42.16	563.16	564.73	0.00	0.00	0.00
6,990.00	88.50	85.72	6,603.40	44.40	593.06	594.72	0.00	0.00	0.00
7,020.00	88.50	85.72	6,604.18	46.64	622.97	624.71	0.00	0.00	0.00
7,050.00	88.50	85.72	6,604.97	48.88	652.87	654.70	0.00	0.00	0.00
7,080.00	88.50	85.72	6,605.75	51.12	682.78	684.69	0.00	0.00	0.00
7,110.00	88.50	85.72	6,606.54	53.36	712.69	714.68	0.00	0.00	0.00
7,140.00	88.50	85.72	6,607.33	55.60	742.59	744.67	0.00	0.00	0.00
7,170.00	88.50	85.72	6,608.11	57.84	772.50	774.66	0.00	0.00	0.00
7,200.00	88.50	85.72	6,608.90	60.08	802.40	804.65	0.00	0.00	0.00
7,230.00	88.50	85.72	6,609.68	62.32	832.31	834.64	0.00	0.00	0.00
7,260.00	88.50	85.72	6,610.47	64.55	862.22	864.63	0.00	0.00	0.00
7,290.00	88.50	85.72	6,611.25	66.79	892.12	894.62	0.00	0.00	0.00
7,320.00	88.50	85.72	6,612.04	69.03	922.03	924.61	0.00	0.00	0.00
7,350.00	88.50	85.72	6,612.82	71.27	951.93	954.60	0.00	0.00	0.00
7,380.00	88.50	85.72	6,613.61	73.51	981.84	984.59	0.00	0.00	0.00
7,410.00	88.50	85.72	6,614.39	75.75	1,011.75	1,014.58	0.00	0.00	0.00

Black Viper Energy

Planning Report

Database: EDM 2003.14 Server Db
Company: Nearburg Producing Co.
Project: Eddy County, NM (Nad 83)
Site: Comet 22 Federal #1
Well: Comet 22 Federal #1
Wellbore: Lateral #1
Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
TVD Reference: WELL @ 3608 00ft (Original Well Elev)
MD Reference: WELL @ 3608.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,440.00	88.50	85.72	6,615.18	77.99	1,041.65	1,044.57	0.00	0.00	0.00
7,470.00	88.50	85.72	6,615.96	80.23	1,071.56	1,074.56	0.00	0.00	0.00
7,500.00	88.50	85.72	6,616.75	82.47	1,101.46	1,104.55	0.00	0.00	0.00
7,530.00	88.50	85.72	6,617.53	84.71	1,131.37	1,134.54	0.00	0.00	0.00
7,560.00	88.50	85.72	6,618.32	86.95	1,161.28	1,164.53	0.00	0.00	0.00
7,590.00	88.50	85.72	6,619.11	89.18	1,191.18	1,194.52	0.00	0.00	0.00
7,620.00	88.50	85.72	6,619.89	91.42	1,221.09	1,224.51	0.00	0.00	0.00
7,650.00	88.50	85.72	6,620.68	93.66	1,250.99	1,254.50	0.00	0.00	0.00
7,680.00	88.50	85.72	6,621.46	95.90	1,280.90	1,284.49	0.00	0.00	0.00
7,710.00	88.50	85.72	6,622.25	98.14	1,310.81	1,314.48	0.00	0.00	0.00
7,740.00	88.50	85.72	6,623.03	100.38	1,340.71	1,344.47	0.00	0.00	0.00
7,770.00	88.50	85.72	6,623.82	102.62	1,370.62	1,374.46	0.00	0.00	0.00
7,800.00	88.50	85.72	6,624.60	104.86	1,400.52	1,404.44	0.00	0.00	0.00
7,830.00	88.50	85.72	6,625.39	107.10	1,430.43	1,434.43	0.00	0.00	0.00
7,860.00	88.50	85.72	6,626.17	109.34	1,460.34	1,464.42	0.00	0.00	0.00
7,890.00	88.50	85.72	6,626.96	111.58	1,490.24	1,494.41	0.00	0.00	0.00
7,920.00	88.50	85.72	6,627.74	113.81	1,520.15	1,524.40	0.00	0.00	0.00
7,950.00	88.50	85.72	6,628.53	116.05	1,550.05	1,554.39	0.00	0.00	0.00
7,980.00	88.50	85.72	6,629.31	118.29	1,579.96	1,584.38	0.00	0.00	0.00
8,010.00	88.50	85.72	6,630.10	120.53	1,609.87	1,614.37	0.00	0.00	0.00
8,040.00	88.50	85.72	6,630.88	122.77	1,639.77	1,644.36	0.00	0.00	0.00
8,070.00	88.50	85.72	6,631.67	125.01	1,669.68	1,674.35	0.00	0.00	0.00
8,100.00	88.50	85.72	6,632.46	127.25	1,699.59	1,704.34	0.00	0.00	0.00
8,130.00	88.50	85.72	6,633.24	129.49	1,729.49	1,734.33	0.00	0.00	0.00
8,160.00	88.50	85.72	6,634.03	131.73	1,759.40	1,764.32	0.00	0.00	0.00
8,190.00	88.50	85.72	6,634.81	133.97	1,789.30	1,794.31	0.00	0.00	0.00
8,220.00	88.50	85.72	6,635.60	136.21	1,819.21	1,824.30	0.00	0.00	0.00
8,250.00	88.50	85.72	6,636.38	138.44	1,849.12	1,854.29	0.00	0.00	0.00
8,280.00	88.50	85.72	6,637.17	140.68	1,879.02	1,884.28	0.00	0.00	0.00
8,310.00	88.50	85.72	6,637.95	142.92	1,908.93	1,914.27	0.00	0.00	0.00
8,340.00	88.50	85.72	6,638.74	145.16	1,938.83	1,944.26	0.00	0.00	0.00
8,370.00	88.50	85.72	6,639.52	147.40	1,968.74	1,974.25	0.00	0.00	0.00
8,400.00	88.50	85.72	6,640.31	149.64	1,998.65	2,004.24	0.00	0.00	0.00
8,430.00	88.50	85.72	6,641.09	151.88	2,028.55	2,034.23	0.00	0.00	0.00
8,460.00	88.50	85.72	6,641.88	154.12	2,058.46	2,064.22	0.00	0.00	0.00
8,490.00	88.50	85.72	6,642.66	156.36	2,088.36	2,094.21	0.00	0.00	0.00
8,520.00	88.50	85.72	6,643.45	158.60	2,118.27	2,124.20	0.00	0.00	0.00
8,550.00	88.50	85.72	6,644.23	160.83	2,148.18	2,154.19	0.00	0.00	0.00
8,580.00	88.50	85.72	6,645.02	163.07	2,178.08	2,184.18	0.00	0.00	0.00
8,610.00	88.50	85.72	6,645.81	165.31	2,207.99	2,214.17	0.00	0.00	0.00
8,640.00	88.50	85.72	6,646.59	167.55	2,237.89	2,244.16	0.00	0.00	0.00
8,670.00	88.50	85.72	6,647.38	169.79	2,267.80	2,274.15	0.00	0.00	0.00
8,700.00	88.50	85.72	6,648.16	172.03	2,297.71	2,304.14	0.00	0.00	0.00
8,730.00	88.50	85.72	6,648.95	174.27	2,327.61	2,334.13	0.00	0.00	0.00
8,760.00	88.50	85.72	6,649.73	176.51	2,357.52	2,364.12	0.00	0.00	0.00
8,790.00	88.50	85.72	6,650.52	178.75	2,387.42	2,394.11	0.00	0.00	0.00
8,820.00	88.50	85.72	6,651.30	180.99	2,417.33	2,424.10	0.00	0.00	0.00
8,850.00	88.50	85.72	6,652.09	183.23	2,447.24	2,454.08	0.00	0.00	0.00
8,880.00	88.50	85.72	6,652.87	185.46	2,477.14	2,484.07	0.00	0.00	0.00
8,910.00	88.50	85.72	6,653.66	187.70	2,507.05	2,514.06	0.00	0.00	0.00
8,940.00	88.50	85.72	6,654.44	189.94	2,536.95	2,544.05	0.00	0.00	0.00
8,970.00	88.50	85.72	6,655.23	192.18	2,566.86	2,574.04	0.00	0.00	0.00
9,000.00	88.50	85.72	6,656.01	194.42	2,596.77	2,604.03	0.00	0.00	0.00
9,030.00	88.50	85.72	6,656.80	196.66	2,626.67	2,634.02	0.00	0.00	0.00

Black Viper Energy

Planning Report

Database: EDM 2003 14 Server Db
Company: Nearburg Producing Co.
Project: Eddy County, NM (Nad 83)
Site: Comet 22 Federal #1
Well: Comet 22 Federal #1
Wellbore: Lateral #1
Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
TVD Reference: WELL @ 3608.00ft (Original Well Elev)
MD Reference: WELL @ 3608.00ft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
9,060.00	88.50	85.72	6,657.59	198.90	2,656.58	2,664.01	0.00	0.00	0.00
9,090.00	88.50	85.72	6,658.37	201.14	2,686.48	2,694.00	0.00	0.00	0.00
9,120.00	88.50	85.72	6,659.16	203.38	2,716.39	2,723.99	0.00	0.00	0.00
9,150.00	88.50	85.72	6,659.94	205.62	2,746.30	2,753.98	0.00	0.00	0.00
9,180.00	88.50	85.72	6,660.73	207.86	2,776.20	2,783.97	0.00	0.00	0.00
9,210.00	88.50	85.72	6,661.51	210.09	2,806.11	2,813.96	0.00	0.00	0.00
9,240.00	88.50	85.72	6,662.30	212.33	2,836.01	2,843.95	0.00	0.00	0.00
9,270.00	88.50	85.72	6,663.08	214.57	2,865.92	2,873.94	0.00	0.00	0.00
9,300.00	88.50	85.72	6,663.87	216.81	2,895.83	2,903.93	0.00	0.00	0.00
9,330.00	88.50	85.72	6,664.65	219.05	2,925.73	2,933.92	0.00	0.00	0.00
9,360.00	88.50	85.72	6,665.44	221.29	2,955.64	2,963.91	0.00	0.00	0.00
9,390.00	88.50	85.72	6,666.22	223.53	2,985.54	2,993.90	0.00	0.00	0.00
9,420.00	88.50	85.72	6,667.01	225.77	3,015.45	3,023.89	0.00	0.00	0.00
9,450.00	88.50	85.72	6,667.79	228.01	3,045.36	3,053.88	0.00	0.00	0.00
9,480.00	88.50	85.72	6,668.58	230.25	3,075.26	3,083.87	0.00	0.00	0.00
9,510.00	88.50	85.72	6,669.36	232.49	3,105.17	3,113.86	0.00	0.00	0.00
9,540.00	88.50	85.72	6,670.15	234.72	3,135.07	3,143.85	0.00	0.00	0.00
9,570.00	88.50	85.72	6,670.94	236.96	3,164.98	3,173.84	0.00	0.00	0.00
9,600.00	88.50	85.72	6,671.72	239.20	3,194.89	3,203.83	0.00	0.00	0.00
9,630.00	88.50	85.72	6,672.51	241.44	3,224.79	3,233.82	0.00	0.00	0.00
9,660.00	88.50	85.72	6,673.29	243.68	3,254.70	3,263.81	0.00	0.00	0.00
9,690.00	88.50	85.72	6,674.08	245.92	3,284.60	3,293.80	0.00	0.00	0.00
9,720.00	88.50	85.72	6,674.86	248.16	3,314.51	3,323.79	0.00	0.00	0.00
9,750.00	88.50	85.72	6,675.65	250.40	3,344.42	3,353.78	0.00	0.00	0.00
9,780.00	88.50	85.72	6,676.43	252.64	3,374.32	3,383.77	0.00	0.00	0.00
9,810.00	88.50	85.72	6,677.22	254.88	3,404.23	3,413.76	0.00	0.00	0.00
9,840.00	88.50	85.72	6,678.00	257.12	3,434.13	3,443.75	0.00	0.00	0.00
9,870.00	88.50	85.72	6,678.79	259.35	3,464.04	3,473.74	0.00	0.00	0.00
9,900.00	88.50	85.72	6,679.57	261.59	3,493.95	3,503.73	0.00	0.00	0.00
9,930.00	88.50	85.72	6,680.36	263.83	3,523.85	3,533.71	0.00	0.00	0.00
9,960.00	88.50	85.72	6,681.14	266.07	3,553.76	3,563.70	0.00	0.00	0.00
9,990.00	88.50	85.72	6,681.93	268.31	3,583.66	3,593.69	0.00	0.00	0.00
10,020.00	88.50	85.72	6,682.71	270.55	3,613.57	3,623.68	0.00	0.00	0.00
10,050.00	88.50	85.72	6,683.50	272.79	3,643.48	3,653.67	0.00	0.00	0.00
10,080.00	88.50	85.72	6,684.29	275.03	3,673.38	3,683.66	0.00	0.00	0.00
10,110.00	88.50	85.72	6,685.07	277.27	3,703.29	3,713.65	0.00	0.00	0.00
10,140.00	88.50	85.72	6,685.86	279.51	3,733.19	3,743.64	0.00	0.00	0.00
10,170.00	88.50	85.72	6,686.64	281.75	3,763.10	3,773.63	0.00	0.00	0.00
10,200.00	88.50	85.72	6,687.43	283.98	3,793.01	3,803.62	0.00	0.00	0.00
10,230.00	88.50	85.72	6,688.21	286.22	3,822.91	3,833.61	0.00	0.00	0.00
10,260.00	88.50	85.72	6,689.00	288.46	3,852.82	3,863.60	0.00	0.00	0.00
10,290.00	88.50	85.72	6,689.78	290.70	3,882.72	3,893.59	0.00	0.00	0.00
10,320.00	88.50	85.72	6,690.57	292.94	3,912.63	3,923.58	0.00	0.00	0.00
10,350.00	88.50	85.72	6,691.35	295.18	3,942.54	3,953.57	0.00	0.00	0.00
10,380.00	88.50	85.72	6,692.14	297.42	3,972.44	3,983.56	0.00	0.00	0.00
10,410.00	88.50	85.72	6,692.92	299.66	4,002.35	4,013.55	0.00	0.00	0.00
10,440.00	88.50	85.72	6,693.71	301.90	4,032.25	4,043.54	0.00	0.00	0.00
10,470.00	88.50	85.72	6,694.49	304.14	4,062.16	4,073.53	0.00	0.00	0.00
10,500.00	88.50	85.72	6,695.28	306.38	4,092.07	4,103.52	0.00	0.00	0.00
10,530.00	88.50	85.72	6,696.07	308.61	4,121.97	4,133.51	0.00	0.00	0.00
10,560.00	88.50	85.72	6,696.85	310.85	4,151.88	4,163.50	0.00	0.00	0.00
10,590.00	88.50	85.72	6,697.64	313.09	4,181.78	4,193.49	0.00	0.00	0.00
10,620.00	88.50	85.72	6,698.42	315.33	4,211.69	4,223.48	0.00	0.00	0.00

Black Viper Energy

Planning Report

Database: EDM 2003.14 Server Db
 Company: Nearburg Producing Co.
 Project: Eddy County, NM (Nad 83)
 Site: Comet 22 Federal #1
 Well: Comet 22 Federal #1
 Wellbore: Lateral #1
 Design: Plan #1

Local Co-ordinate Reference: Well Comet 22 Federal #1
 TVD Reference: WELL @ 3608.00ft (Original Well Elev)
 MD Reference: WELL @ 3608.00ft (Original Well Elev)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
10,650.00	88.50	85.72	6,699.21	317.57	4,241.60	4,253.47	0.00	0.00	0.00
10,680.00	88.50	85.72	6,699.99	319.81	4,271.50	4,283.46	0.00	0.00	0.00
10,710.00	88.50	85.72	6,700.78	322.05	4,301.41	4,313.45	0.00	0.00	0.00
10,740.00	88.50	85.72	6,701.56	324.29	4,331.31	4,343.44	0.00	0.00	0.00
10,770.00	88.50	85.72	6,702.35	326.53	4,361.22	4,373.43	0.00	0.00	0.00
10,800.00	88.50	85.72	6,703.13	328.77	4,391.13	4,403.42	0.00	0.00	0.00
10,830.00	88.50	85.72	6,703.92	331.00	4,421.03	4,433.41	0.00	0.00	0.00
10,860.00	88.50	85.72	6,704.70	333.24	4,450.94	4,463.40	0.00	0.00	0.00
10,890.00	88.50	85.72	6,705.49	335.48	4,480.84	4,493.39	0.00	0.00	0.00
10,920.00	88.50	85.72	6,706.27	337.72	4,510.75	4,523.38	0.00	0.00	0.00
10,950.00	88.50	85.72	6,707.06	339.96	4,540.66	4,553.37	0.00	0.00	0.00
10,980.00	88.50	85.72	6,707.84	342.20	4,570.56	4,583.36	0.00	0.00	0.00
10,997.39	88.50	85.72	6,708.30	343.50	4,587.90	4,600.74	0.00	0.00	0.00

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LL[C22FED#1] - hit/miss target - Shape	0.00	0.00	0.00	0.00	0.00	692,053.65	591,051.30	32° 54' 8.509 N	104° 10' 16.887 W
- plan misses by 6000.00ft at 6000.00ft MD (6000.00 TVD, 0.00 N, 0.00 E) - Rectangle (sides W5,280.00 H5,260.74 D0.00)									
PBHL#1[C22FED#1] - plan hits target - Point	0.00	0.00	6,708.30	343.50	4,587.90	692,397.15	595,639.19	32° 54' 11.835 N	104° 9' 23.066 W
HL[C22FED#1] - plan misses by 6000.00ft at 6000.00ft MD (6000.00 TVD, 0.00 N, 0.00 E) - Rectangle (sides W4,620.00 H4,600.74 D0.00)	0.00	0.00	0.00	0.00	0.00	692,053.65	591,051.30	32° 54' 8.509 N	104° 10' 16.887 W

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,000.00	6,000.00	0.00	0.00	Tie In
6,122.70	6,122.70	0.00	0.00	KOP Build 12.00°/100' TFO 85.72
6,860.20	6,600.00	34.72	463.67	EOC Hold 88.5° INC :: 85.72° AZI