

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N French, 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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505



Form C-105
Revised June 10, 2003

WELL API NO. 30-015-26542
5. Indicate Type Of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____	7. Lease Name or Unit Agreement Name Amethyst 32 State Com
b. Type of Completion: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. RESVR. ☐ OTHER _____	AUG - 1 2008

2. Name of Operator Nearburg Producing Company	8. Well No. 1
3. Address of Operator 3300 N A St., Bldg 2, Ste 120, Midland, TX 79705	9. Pool name or Wildcat Willow Lake; Delaware

4. Well Location Unit Letter <u>E</u> <u>1887</u> Feet From The <u>North</u> Line and <u>991</u> Feet From The <u>West</u> Line Section <u>32</u> Township <u>24S</u> Range <u>29E</u> NMPM <u>Eddy</u> County
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10. Date Spudded 4/16/08	11. Date T.D. Reached 4/28/08	12. Date Compl. (Ready to Prod.) 5/24/08	13. Elevations (DF & RKB, RT, GR, etc.) 2918	14. Elev. Casinghead
15. Total Depth 6545	16. Plug Back T.D. 6497	17. If Multiple Compl. How Many Zones? No	18. Intervals Drilled By XXXX	Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 5070-6051 (OA)	20. Was Directional Survey Made Yes
21. Type Electric and Other Logs Run	22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	600	17-1/2	650	Surface
9-5/8	40	2808	12-1/4	1225	Surface
5-1/2	17	6545	7-7/8	990	Surface

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8	4738	

26. Perforation record (interval, size, and number) 8910-8938 - CIBP @ 8875 5070-6051 - 2 spf, 6 zones w/ 4 holes per zone	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 5070-6051 5070-6051 AMOUNT AND KIND MATERIAL USED 40 bio balls, 3000 gals HCL acid 1822 bbls 16/30 prop
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28. PRODUCTION							
Date First Production 5/24/08	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping					Well Status (Prod. or Shut-in) Producing	
Date of Test 6/14/08	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 152	Gas - MCF 125	Water - Bbl. 148	Gas - Oil Ratio
Flow Tubing Press. 300	Casing Pressure 60	Calculated 24-Hour Rate	Oil - Bbl. 152	Gas - MCF 125	Water - Bbl. 148	Oil Gravity - API -(Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold	Test Witnessed By C Hensley
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30. List Attachments C104: Surveys

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief			
Signature Sarah Jordan	Printed Name Sarah Jordan	Title Prod/ Reg Analyst	Date
E-mail address sjordan@nearburg.com			

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northeastern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand	T. Todilto	T.
T. Drinkard	T. Bone Springs	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp		T. Chinle	T.
T. Penn	T.	T. Permain	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

**OIL OR GAS
SANDS OR ZONES**

No. 1, from _____ to _____
No. 2, from _____ to _____

No. 3, from to

No. 4, from to

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet

No. 2, from to feet

No. 3. from to feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

[illegible]

NEARBURG PRODUCTION

Project Eddy County, NM
Site Amethyst State Com #1H
Well Amethyst State Com #1H
Wellbore Lateral
Plan Plan #3 (Amethyst State Com #1H/Lateral)

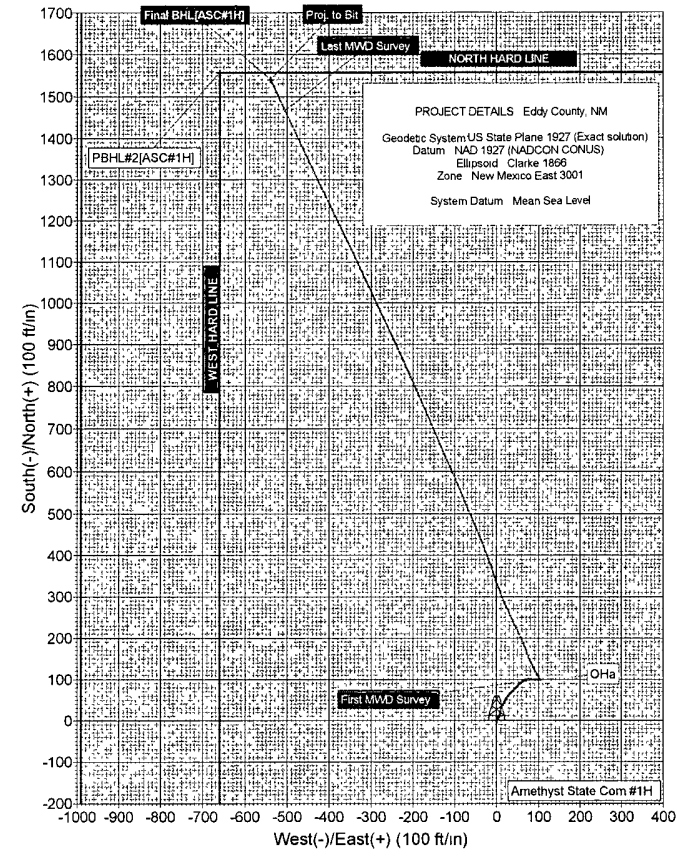
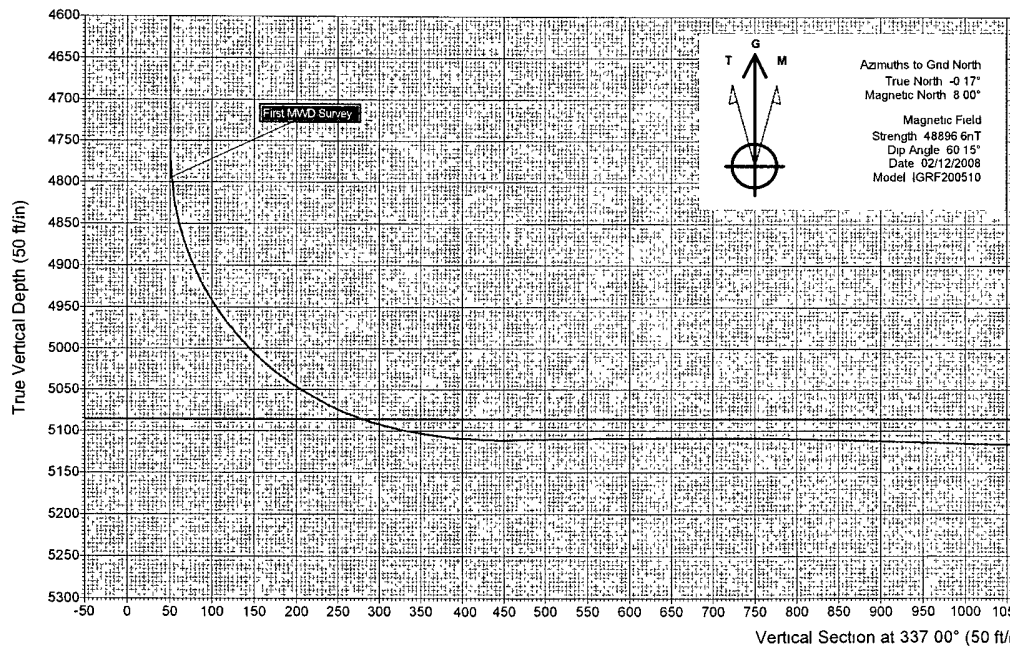


ANNOTATIONS

TVD	MD	Annotation
4795 18	4801 00	KOP - Build 17 77° / 100
5114 00	5303 86	EOC - Hold 90 0 Inc 332 06° Azi

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	4484 00	0 47	108 79	4478 19	98 30	104 39	0 00	0 00	49 69	
2	4800 00	0 47	332 04	4794 18	99 03	105 01	0 28	-158 37	50 12	
3	4800 03	0 47	332 04	4794 21	99 03	105 01	0 00	0 00	50 12	
4	5303 86	90 00	332 28	5114 00	384 45	-44 96	17 77	0 24	371 45	
5	6628 39	90 00	332 28	5114 00	1557 00	-661 00	0 00	0 00	1691 50	PBHL#2[ASC#1H]



Final

Plan Final (Amethyst State Com #1H/Lateral)
Created By L D Burton Date April 30 2008

Nearburg Producing Co.

Eddy County, NM.

Amethyst State Com #1H

Amethyst State Com #1H

Lateral

Survey: MWD Survey #1

Standard Survey Report

30 April, 2008



Black Viper Energy

Survey Report



Company:	Nearburg Producing Co.	Local Co-ordinate Reference:	Well Amethyst State Com #1H
Project:	Eddy County, NM.	TVD Reference:	Rig KB @ 2938 00ft (Est Rig KB)
Site:	Amethyst State Com #1H	MD Reference:	Rig KB @ 2938 00ft (Est Rig KB)
Well:	Amethyst State Com #1H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	Database:	EDM 2003 14 1 0 Server DB

Project	Eddy County, NM		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site		Amethyst State Com #1H			
Site Position:		Northing:	427,831 80 ft	Latitude:	32° 10' 32 933 N
From:	Map	Easting:	599,597 60 ft	Longitude:	104° 0' 41 163 W
Position Uncertainty:	0 00 ft	Slot Radius:	"	Grid Convergence:	0 17 °

Well	Amethyst State Com #1H					
Well Position	+N/-S	0.00 ft	Northing:	427,831.80 ft	Latitude:	32° 10' 32.933 N
	+E/-W	0.00 ft	Easting:	599,597.60 ft	Longitude:	104° 0' 41.163 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	2,938.00 ft	Ground Level:	2,918.00 ft

Wellbore	Lateral				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	02/12/2008	8.17	60 15	48,897

Design	Lateral			
Audit Notes:				
Version:	1 0	Phase:	ACTUAL	Tie On Depth: 4,484 00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0 00	42 37

Survey Program	Date 04/30/2008				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
100 00	4,484 00	Gyro Survey (OH)	NS-GYRO-MS	North sensing gyrocompassing m/s	
4,484 00	6,545 00	MWD Survey #1 (Lateral)	MWD	MWD - Standard	

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)
4,484 00	0 47	108 79	4,478 19	98.30	104 39	142.97	0 00	0 00	0 00
4,774 00	1 00	306 30	4,768 18	99 41	103 47	143.18	0 50	0 18	-56 03
4,800.00	4.57	324.56	4,794 14	100 39	102.69	143.37	13 98	13 73	70 23
First MWD Survey									
4,821 00	7 50	326.50	4,815 02	102.22	101 45	143 89	13 98	13 95	9 24
4,831 00	9 50	326.80	4,824 91	103 45	100 63	144 25	20 00	20 00	3 00
4,841.00	11 50	326 00	4,834.75	104 97	99.63	144 69	20 05	20.00	-8 00
4,853 00	13 60	326.80	4,846.46	107 14	98 18	145 32	17 56	17 50	6.67
4,868 00	16.30	329 30	4,860.95	110 43	96 14	146.38	18 50	18 00	16 67
4,884.00	19 10	331 70	4,876.19	114 66	93 76	147.90	18 08	17 50	15.00
4,899 00	21 80	333 50	4,890 24	119 32	91 35	149 71	18 48	18 00	12.00
4,916 00	24 40	334 70	4,905 88	125 32	88 44	152 19	15 54	15 29	7 06

Black Viper Energy

Survey Report



Company:	Nearburg Producing Co	Local Co-ordinate Reference:	Well Amethyst State Com #1H
Project:	Eddy County, NM.	TVD Reference:	Rig KB @ 2938 00ft (Est Rig KB)
Site:	Amethyst State Com #1H	MD Reference:	Rig KB @ 2938 00ft (Est Rig KB)
Well:	Amethyst State Com #1H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	Database:	EDM 2003 14 1 0 Server DB

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)
4,931 00	27 00	335.70	4,919 39	131 22	85 71	154 71	17 57	17 33	6 67
4,947 00	29 90	335 90	4,933 46	138 18	82 59	157.74	18 13	18 13	1 25
4,963 00	32 40	336.70	4,947 15	145 75	79.27	161 10	15 84	15 63	5 00
4,979.00	35 20	337 50	4,960 45	153 95	75 80	164.83	17 72	17 50	5 00
4,994 00	37 80	339 00	4,972 50	162 24	72 50	168 73	18 32	17 33	10 00
5,010 00	40 40	339 30	4,984 92	171 67	68 91	173 27	16 29	16 25	1 88
5,041 00	45 70	336 40	5,007 57	191 25	60 91	182 35	18 25	17 10	-9 35
5,073 00	50 50	335.50	5,028 93	212 99	51.20	191 87	15 15	15 00	-2 81
5,104.00	56 60	335.10	5,047.34	235 63	40 78	201 57	19 70	19 68	-1 29
5,136 00	62 20	335.00	5,063 62	260.59	29 17	212.19	17 50	17 50	-0.31
5,168.00	67 30	337 70	5,077.27	287 10	17 58	223 96	17 67	15.94	8 44
5,199 00	72 50	339 90	5,087 92	314 23	7 06	236 92	18 05	16 77	7 10
5,231 00	77.20	341.50	5,096 28	343 38	-3 14	251 58	15.46	14 69	5.00
5,263 00	79 90	340 90	5,102 64	373 07	-13 24	266.70	8 64	8 44	-1 88
5,294.00	83 50	339 90	5,107 11	401.96	-23.53	281 11	12.04	11 61	-3 23
5,326 00	86 30	338 50	5,109 96	431 75	-34.85	295 49	9 77	8 75	-4.38
5,357.00	89 40	336.60	5,111 12	460 37	-46 68	308 67	11 73	10 00	-6 13
5,388 00	91 30	336 80	5,110.93	488.84	-58 94	321 44	6 16	6 13	0 65
5,420 00	91.10	336 80	5,110 26	518 25	-71 54	334 67	0 63	-0 63	0 00
5,451 00	91 10	336.60	5,109 66	546 72	-83.80	347 44	0 65	0.00	-0 65
5,514 00	90 70	336 30	5,108 67	604 46	-108 97	373.15	0 79	-0 63	-0 48
5,546 00	89 70	336.00	5,108 56	633 73	-121 91	386 05	3 26	-3 13	-0 94
5,609 00	90 60	336.10	5,108 40	691 30	-147 49	411 35	1 44	1 43	0 16
5,673 00	88 80	336 00	5,108 73	749.79	-173 46	437 05	2 82	-2 81	-0 16
5,735 00	88 70	335 60	5,110 08	806 33	-198 87	461 70	0 66	-0 16	-0 65
5,799 00	88 50	335 50	5,111 65	864 57	-225.35	486 89	0.35	-0 31	-0 16
5,862 00	88.40	335 20	5,113 35	921 81	-251 62	511 47	0.50	-0.16	-0 48
5,925 00	88 10	334 90	5,115.28	978 90	-278.18	535.75	0.67	-0.48	-0 48
6,020 00	89.10	335 20	5,117 60	1,065 01	-318.24	572 37	1.10	1 05	0 32
6,083 00	89 20	335 40	5,118 53	1,122 24	-344.57	596 92	0 35	0.16	0 32
6,146 00	88 60	335 00	5,119 74	1,179 42	-370.99	621 35	1.14	-0.95	-0 63
6,210 00	88.60	334.80	5,121 31	1,237 36	-398.13	645 87	0.31	0.00	-0 31
6,273 00	88 40	334 80	5,122 95	1,294 34	-424 94	669 90	0 32	-0 32	0 00
6,337 00	88 50	334 90	5,124 69	1,352.26	-452.13	694 36	0 22	0 16	0 16
6,400 00	88 60	335 00	5,126 28	1,409 31	-478.80	718 55	0.22	0 16	0 16
6,463 00	88.80	334 90	5,127.71	1,466.37	-505 47	742 73	0 35	0 32	-0 16
Last MWD Survey									
6,545 00	88 80	334 90	5,129 43	1,540 61	-540 24	774 14	0.00	0 00	0 00
Proj. to Bit									
6,628.39	90.00	332 28	5,114 00	1,557.00	-661 00	704 87	3 45	1 44	-3.14
PBHL#2[ASC#1H]									

Black Viper Energy
Survey Report



Company:	Nearburg Producing Co	Local Co-ordinate Reference:	Well Amethyst State Com #1H
Project:	Eddy County, NM.	TVD Reference:	Rig KB @ 2938 00ft (Est Rig KB)
Site:	Amethyst State Com #1H	MD Reference:	Rig KB @ 2938 00ft (Est Rig KB)
Well:	Amethyst State Com #1H	North Reference:	Grid
Wellbore:	Lateral	Survey Calculation Method:	Minimum Curvature
Design:	Lateral	Database:	EDM 2003 14 1 0 Server DB

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
PBHL#1a[ASC#1H] - survey misses by 136.50ft at 6625 64ft MD (5130.30 TVD, 1612 85 N, -576 05 E) - Point	0 00	0 00	5,214.00	1,558.90	-669 40	429,390 70	598,928.20	32° 10' 48.380 N	104° 0' 48 897 W
PBHL#1[ASC#1H] - survey misses by 14 77ft at 6628 39ft MD (5114 00 TVD, 1557.00 N, -661 00 E) - Point	0 00	0 00	5,126 00	1,558 90	-669 40	429,390 70	598,928 20	32° 10' 48.380 N	104° 0' 48 897 W
LL[ASC#1H] - survey misses by 4480.48ft at 4484 00ft MD (4478 19 TVD, 98 30 N, 104 39 E) - Rectangle (sides W5,280.00 H5,280 00 D0 00)	0 00	0 00	0 00	0 00	0 00	427,831 80	599,597 60	32° 10' 32 933 N	104° 0' 41 163 W
Final BHL[ASC#1H] - survey hits target - Point		0 00	5,129 43	1,540.61	-540 24	429,372 41	599,057 36	32° 10' 48 195 N	104° 0' 47 395 W
HL[ASC#1H] - survey misses by 4480 48ft at 4484.00ft MD (4478.19 TVD, 98 30 N, 104 39 E) - Rectangle (sides W4,620 00 H4,620.00 D0 00)	0 00	0 00	0 00	0 00	0 00	427,831 80	599,597.60	32° 10' 32 933 N	104° 0' 41 163 W
PBHL#2[ASC#1H] - survey hits target - Point	0 00	0 00	5,114 00	1,557 00	-661 00	429,388 80	598,936 60	32° 10' 48 361 N	104° 0' 48 800 W

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
4,800 00	4,794 14	100 39	102 69	First MWD Survey
6,463 00	5,127 71	1,466 37	-505 47	Last MWD Survey
6,545 00	5,129 43	1,540 61	-540 24	Proj to Bit

Checked By: _____ Approved By: _____ Date: _____

Nearburg Producing Co.

Amethyst State Com #1H - Lateral

Eddy County, NM.

Amethyst State Com #1H

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.000	0.000	0.00	0.00 N	0.00 E	0.00	0.00
100.00	0.140	340.210	100.00	0.11 N	0.04 W	0.06	0.14
200.00	0.100	335.470	200.00	0.31 N	0.12 W	0.15	0.04
300.00	0.060	20.440	300.00	0.44 N	0.14 W	0.23	0.07
400.00	0.200	39.010	400.00	0.62 N	0.01 W	0.45	0.14
500.00	0.130	62.560	500.00	0.81 N	0.20 E	0.73	0.10
600.00	0.490	47.650	600.00	1.15 N	0.62 E	1.27	0.37
700.00	0.790	44.430	699.99	1.93 N	1.42 E	2.38	0.30
800.00	1.320	30.900	799.97	3.41 N	2.49 E	4.20	0.58
900.00	1.500	28.410	899.94	5.55 N	3.71 E	6.60	0.19
1000.00	1.560	29.610	999.91	7.89 N	5.00 E	9.20	0.07
1100.00	1.670	28.830	1099.87	10.35 N	6.38 E	11.94	0.11
1200.00	2.480	11.010	1199.80	13.75 N	7.49 E	15.20	1.03
1300.00	3.160	357.270	1299.68	18.62 N	7.77 E	19.00	0.95
1400.00	4.470	14.970	1399.46	25.14 N	8.65 E	24.40	1.75
1500.00	5.330	24.250	1499.10	33.14 N	11.56 E	32.28	1.17
1600.00	5.930	29.340	1598.61	41.88 N	16.00 E	41.72	0.78
1700.00	6.080	30.990	1698.07	50.92 N	21.26 E	51.95	0.23
1800.00	6.300	34.610	1797.48	59.98 N	27.10 E	62.58	0.45
1900.00	6.490	43.450	1896.86	68.60 N	34.11 E	73.66	1.00
2000.00	5.560	45.810	1996.31	76.08 N	41.47 E	84.15	0.96
2100.00	4.620	42.380	2095.91	82.43 N	47.66 E	93.01	0.99
2200.00	4.370	44.340	2195.61	88.13 N	53.03 E	100.85	0.29
2300.00	4.690	49.890	2295.30	93.49 N	58.82 E	108.71	0.54
2400.00	4.860	62.980	2394.95	98.05 N	65.72 E	116.73	1.10
2500.00	4.140	78.140	2494.65	100.71 N	73.03 E	123.62	1.38
2600.00	3.270	90.230	2594.44	101.44 N	79.41 E	128.46	1.16
2700.00	1.980	99.570	2694.33	101.14 N	83.97 E	131.31	1.35
2800.00	0.950	105.630	2794.30	100.63 N	86.47 E	132.62	1.04
2900.00	0.750	108.950	2894.29	100.20 N	87.89 E	133.26	0.21
3000.00	0.840	97.780	2994.28	99.89 N	89.23 E	133.93	0.18
3100.00	0.660	93.880	3094.27	99.75 N	90.54 E	134.71	0.19
3200.00	0.760	97.390	3194.26	99.62 N	91.77 E	135.45	0.11
3300.00	0.760	101.360	3294.25	99.41 N	93.08 E	136.17	0.05
3400.00	0.750	92.730	3394.24	99.24 N	94.38 E	136.93	0.11
3500.00	0.700	84.090	3494.23	99.28 N	95.64 E	137.80	0.12
3600.00	0.780	88.970	3594.23	99.35 N	96.93 E	138.72	0.10
3700.00	0.680	92.540	3694.22	99.34 N	98.20 E	139.57	0.11
3800.00	0.550	96.660	3794.21	99.26 N	99.27 E	140.23	0.14
3900.00	0.610	96.970	3894.21	99.14 N	100.28 E	140.82	0.06
4000.00	0.630	88.170	3994.20	99.09 N	101.36 E	141.51	0.10
4100.00	0.530	98.330	4094.20	99.04 N	102.36 E	142.15	0.14
4200.00	0.470	97.210	4194.19	98.92 N	103.23 E	142.65	0.06
4300.00	0.200	95.560	4294.19	98.85 N	103.81 E	142.99	0.27
4400.00	0.270	169.490	4394.19	98.60 N	104.02 E	142.95	0.29
4484.00	0.470	108.790	4478.19	98.30 N	104.39 E	142.97	0.49
4774.00	1.000	306.300	4768.18	99.41 N	103.47 E	143.18	0.50
4821.00	7.500	326.500	4815.02	102.22 N	101.45 E	143.89	13.98
4831.00	9.500	326.800	4824.91	103.45 N	100.63 E	144.25	20.00
4841.00	11.500	326.000	4834.75	104.97 N	99.63 E	144.69	20.05
4853.00	13.600	326.800	4846.46	107.14 N	98.18 E	145.32	17.56
4868.00	16.300	329.300	4860.95	110.43 N	96.14 E	146.38	18.50
4884.00	19.100	331.700	4876.19	114.66 N	93.76 E	147.90	18.08
4899.00	21.800	333.500	4890.24	119.32 N	91.35 E	149.71	18.48
4916.00	24.400	334.700	4905.88	125.32 N	88.44 E	152.19	15.54
4931.00	27.000	335.700	4919.39	131.22 N	85.71 E	154.71	17.57
4947.00	29.900	335.900	4933.46	138.18 N	82.59 E	157.74	18.13
4963.00	32.400	336.700	4947.15	145.75 N	79.27 E	161.10	15.84
4979.00	35.200	337.500	4960.45	153.95 N	75.80 E	164.83	17.72
4994.00	37.800	339.000	4972.50	162.24 N	72.50 E	168.73	18.32
5010.00	40.400	339.300	4984.92	171.67 N	68.91 E	173.27	16.29
5041.00	45.700	336.400	5007.57	191.25 N	60.91 E	182.35	18.25
5073.00	50.500	335.500	5028.93	212.99 N	51.20 E	191.87	15.15
5104.00	56.600	335.100	5047.34	235.63 N	40.78 E	201.57	19.70

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5136.00	62.200	335.000	5063.62	260.59 N	29.17 E	212.19	17.50
5168.00	67.300	337.700	5077.27	287.10 N	17.58 E	223.96	17.67
5199.00	72.500	339.900	5087.92	314.23 N	7.06 E	236.92	18.05
5231.00	77.200	341.500	5096.28	343.38 N	3.14 W	251.58	15.46
5263.00	79.900	340.900	5102.64	373.07 N	13.24 W	266.70	8.64
5294.00	83.500	339.900	5107.11	401.96 N	23.53 W	281.11	12.04
5326.00	86.300	338.500	5109.96	431.75 N	34.85 W	295.49	9.77
5357.00	89.400	336.600	5111.12	460.37 N	46.68 W	308.67	11.73
5388.00	91.300	336.800	5110.93	488.84 N	58.94 W	321.44	6.16
5420.00	91.100	336.800	5110.26	518.25 N	71.54 W	334.67	0.63
5451.00	91.100	336.600	5109.66	546.72 N	83.80 W	347.44	0.65
5514.00	90.700	336.300	5108.67	604.46 N	108.97 W	373.15	0.79
5546.00	89.700	336.000	5108.56	633.73 N	121.91 W	386.05	3.26
5609.00	90.600	336.100	5108.40	691.30 N	147.49 W	411.35	1.44
5673.00	88.800	336.000	5108.73	749.79 N	173.46 W	437.05	2.82
5735.00	88.700	335.600	5110.08	806.33 N	198.87 W	461.70	0.66
5799.00	88.500	335.500	5111.65	864.57 N	225.35 W	486.89	0.35
5862.00	88.400	335.200	5113.35	921.81 N	251.62 W	511.47	0.50
5925.00	88.100	334.900	5115.28	978.90 N	278.18 W	535.75	0.67
6020.00	89.100	335.200	5117.60	1065.01 N	318.24 W	572.37	1.10
6083.00	89.200	335.400	5118.53	1122.24 N	344.57 W	596.92	0.35
6146.00	88.600	335.000	5119.74	1179.42 N	370.99 W	621.35	1.14
6210.00	88.600	334.800	5121.31	1237.36 N	398.13 W	645.87	0.31
6273.00	88.400	334.800	5122.95	1294.34 N	424.94 W	669.90	0.32
6337.00	88.500	334.900	5124.69	1352.26 N	452.13 W	694.36	0.22
6400.00	88.600	335.000	5126.28	1409.31 N	478.80 W	718.55	0.22
6463.00	88.800	334.900	5127.71	1466.37 N	505.47 W	742.73	0.35
6545.00	88.800	334.900	5129.43	1540.61 N	540.24 W	774.14	0.00

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.

Vertical depths are relative to Rig KB. Northings and Eastings are relative to well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 42.370° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East 3001.

Central meridian is -104.333°.

Grid Convergence at Surface is 0.171°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 6545.00ft., the Bottom Hole Displacement is 1632.59ft., in the Direction of 42.370° (Grid).