

Burnett Oil Company

Well: Nosler 12 Fed EG Well No. 6H
 Site: Nosler 12 Fed
 Project: Eddy County, New Mexico
 Design: rev2

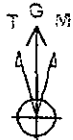
SECTION DETAILS

EC	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSecl	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	4756.00	0.00	0.00	4756.00	0.00	0.00	0.00	0.00	0.00	KOP Begin 10°/100' build
3	4806.00	5.00	142.50	4805.94	-1.73	1.33	10.00	142.50	1.52	
4	5406.00	65.00	142.50	5275.28	-262.45	201.39	10.00	0.00	230.81	Begin 10°/100' build/turn
5	5979.73	91.00	89.59	5402.30	-485.66	587.81	10.00	-71.25	740.07	Begin 91.00 lateral section
6	9207.27	91.00	89.59	5346.00	-462.83	3914.78	0.00	0.00	3942.04	PBHLTD

Approx Surf Loc. RKB Elevation: RKB=3967*12 @ 3979.00usft 0
 US State Plane 1927 (Exact solution)
 New Mexico East 3001

Northing: 673802.26 Easting: 853901.50 Latitude: 32.85136285 Longitude: -103.83218532

Total Correction (M => G): To convert a Magnetic Direction to a Grid Direction, Add 6.99°

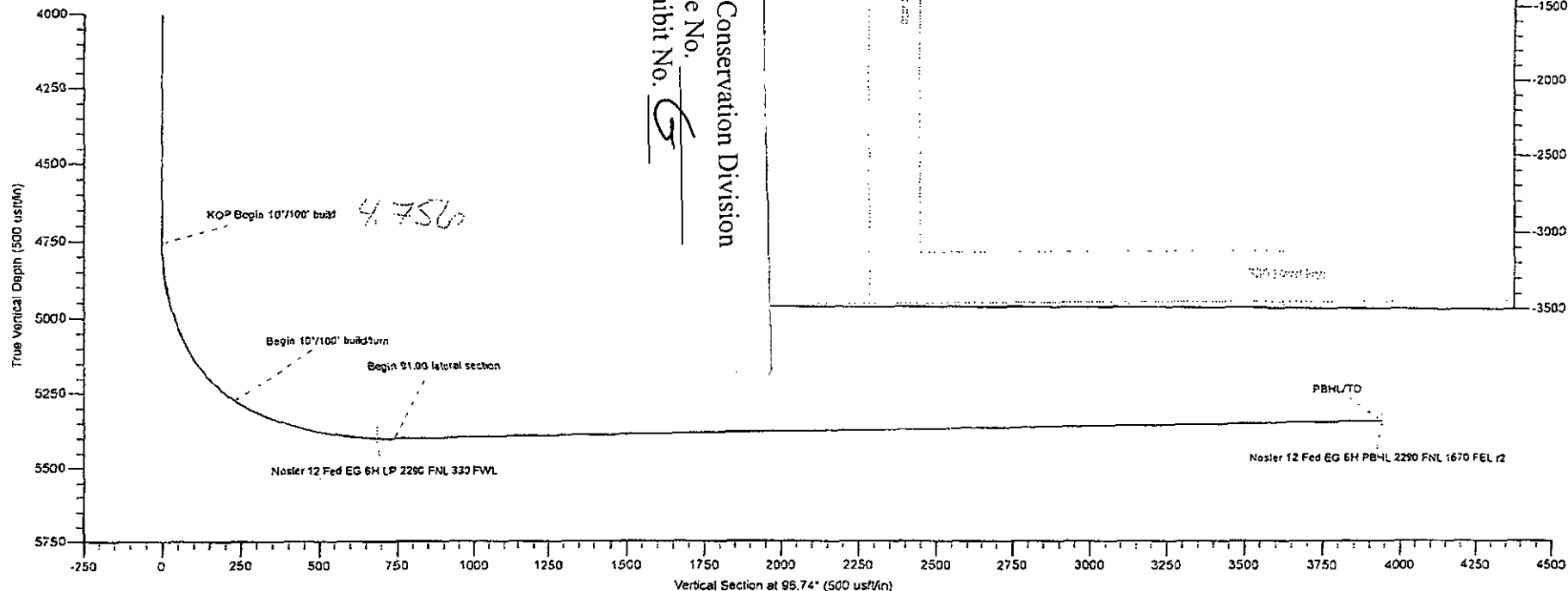


Azimuths to Grid North
 True North: -0.27°
 Magnetic North: 6.99°

Magnetic Field
 Strength: 48555.6nT
 Dip Angle: 80.62°
 Date: 5/26/2015
 Model: IGRF2010



Oil Conservation Division
 Case No.
 Exhibit No. G



Standard_report

Company: Burnett Oil Company
 Project: Eddy County, New Mexico
 Site: Nosler 12 Fed_
 Well: Nosler 12 Fed EG Well No. 6H
 Wellbore: Original Hole
 Design: rev2

Local Co-ordinate Reference: Well Nosler 12 Fed EG Well No. 6H
 TVD Reference: RKB=3967+12 @ 3979.00usft ()
 MD Reference: RKB=3967+12 @ 3979.00usft ()
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: Dbase Nov0914

Project	Eddy County, New Mexico		
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	Nosler 12 Fed_		
Site Position:	Northings:	673,802.20 usft	Latitude: 32.85136295
From: Map	Easting:	653,901.50 usft	Longitude: -103.83218532
Position Uncertainty: 0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.27 "

Well	Nosler 12 Fed EG Well No. 6H, Surf Loc: 1800 FNL 300 FEL Sect 11-T17S-R31E Lot H		
Well Position	+N-S 0.00 usft	Northings:	673,802.20 usft
	+E-W 0.00 usft	Easting:	653,901.50 usft
Position Uncertainty 0.00 usft		Wellhead Elevation:	usft
			Latitude: 32.85136295
			Longitude: -103.83218532
			Ground Level: 3,967.00 usft

Wellbore	Original Hole		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2010	5/26/2015	7.27
			Dip Angle
			(°)
			60.62
			Field Strength
			(nT)
			48,566

Design	rev2		
Audit Notes:			
Version:	Phase:	PROTOTYPE	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			96.74

Survey Tool Program	Date 6/19/2015		
From	To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
0.00	9,207.27	rev2 (Original Hole)	MWD
			Description
			MWD - Standard

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 MD Reference: RKB=3967+12 @ 3979.00usft ()
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 Database: Dbase Nov0914

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50

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 Database: Dbase Nov0914

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
4,756.00	0.00	0.00	4,756.00	0.00	0.00	0.00	0.00	673,802.20	653,901.50
KOP Begin 10°/100' build									
4,800.00	4.40	142.50	4,799.96	-1.34	1.03	10.00	1.18	673,800.86	653,902.53
4,806.00	5.00	142.50	4,805.94	-1.73	1.33	10.00	1.52	673,800.47	653,902.83
4,900.00	14.40	142.50	4,898.49	-14.28	10.96	10.00	12.56	673,787.92	653,812.46
5,000.00	24.40	142.50	4,992.69	-40.60	31.15	10.00	35.70	673,761.60	653,932.65

Standard_report

Company: Burnett Oil Company
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 Site: Nosler 12 Fed_
 Well: Nosler 12 Fed EG Well No. 6H
 Wellbore: Original Hole
 Design: rev2

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well Nosler 12 Fed EG Well No. 6H
 RKB=3967+12 @ 3979.00usft ()
 RKB=3967+12 @ 3979.00usft ()
 Grid
 Minimum Curvature
 Dbase Nov0914

Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
5,100.00	34.40	142.50	5,079.70	-79.50	61.00	10.00	69.91	673,722.70	653,962.50
5,200.00	44.40	142.50	5,155.88	-129.79	99.59	10.00	114.14	673,672.41	654,001.09
5,300.00	54.40	142.50	5,221.87	-189.95	145.75	10.00	167.05	673,612.25	654,047.25
5,400.00	64.40	142.50	5,272.71	-258.15	198.09	10.00	227.02	673,544.05	654,099.59
5,405.00	65.00	142.50	5,275.28	-262.45	201.39	10.00	230.81	673,539.75	654,102.89
Begin 10°/100' build/turn									
5,500.00	68.32	132.92	5,312.58	-326.13	259.43	10.00	295.93	673,476.07	654,160.93
5,600.00	72.43	123.24	5,345.23	-384.05	333.52	10.00	376.30	673,418.15	654,235.02
5,700.00	76.99	114.00	5,372.65	-430.11	418.11	10.00	465.71	673,372.09	654,319.61
5,800.00	81.85	105.11	5,391.04	-462.91	510.63	10.00	561.45	673,339.29	654,412.13
5,900.00	86.91	96.44	5,400.85	-481.46	608.27	10.00	660.59	673,320.74	654,509.77
5,979.73	91.00	89.59	5,402.30	-485.66	687.81	10.00	740.08	673,316.54	654,589.31
Begin 91.00 lateral section									
6,000.00	91.00	89.59	5,401.95	-485.51	708.08	0.00	760.19	673,316.69	654,609.58
6,100.00	91.00	89.59	5,400.20	-484.81	808.06	0.00	859.39	673,317.39	654,709.56
6,200.00	91.00	89.59	5,398.46	-484.10	908.04	0.00	958.60	673,318.10	654,809.54
6,300.00	91.00	89.59	5,396.71	-483.39	1,008.03	0.00	1,057.81	673,318.81	654,909.53
6,400.00	91.00	89.59	5,394.97	-482.68	1,108.01	0.00	1,157.02	673,319.52	655,009.51
6,500.00	91.00	89.59	5,393.23	-481.98	1,207.99	0.00	1,256.22	673,320.22	655,109.49
6,600.00	91.00	89.59	5,391.48	-481.27	1,307.97	0.00	1,355.43	673,320.93	655,209.47
6,700.00	91.00	89.59	5,389.74	-480.56	1,407.96	0.00	1,454.64	673,321.64	655,309.46
6,800.00	91.00	89.59	5,387.99	-479.85	1,507.94	0.00	1,553.85	673,322.35	655,409.44
6,900.00	91.00	89.59	5,386.25	-479.15	1,607.92	0.00	1,653.06	673,323.05	655,509.42
7,000.00	91.00	89.59	5,384.50	-478.44	1,707.90	0.00	1,752.26	673,323.76	655,609.40
7,100.00	91.00	89.59	5,382.76	-477.73	1,807.88	0.00	1,851.47	673,324.47	655,709.38
7,200.00	91.00	89.59	5,381.02	-477.03	1,907.87	0.00	1,950.68	673,325.17	655,809.37
7,300.00	91.00	89.59	5,379.27	-476.32	2,007.85	0.00	2,049.89	673,325.88	655,909.35

Standard_report

Company: Burnett Oil Company
 Project: Eddy County, New Mexico
 Site: Nosler 12 Fed
 Well: Nosler 12 Fed EG Well No. 6H
 Wellbore: Original Hole
 Design: rev2

Local Co-ordinate Reference: Well Nosler 12 Fed EG Well No. 6H
 TVD Reference: RKB=3967+12 @ 3979.00usft ()
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Planned Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (*/100usft)	V. Sec (usft)	Northing (usft)	Easting (usft)
7,400.00	91.00	89.59	5,377.53	-475.61	2,107.83	0.00	2,149.09	673,326.59	656,009.33
7,500.00	91.00	89.59	5,375.78	-474.90	2,207.81	0.00	2,248.30	673,327.30	656,109.31
7,600.00	91.00	89.59	5,374.04	-474.20	2,307.80	0.00	2,347.51	673,328.00	656,209.30
7,700.00	91.00	89.59	5,372.29	-473.49	2,407.78	0.00	2,446.72	673,328.71	656,309.28
7,800.00	91.00	89.59	5,370.55	-472.78	2,507.76	0.00	2,545.92	673,329.42	656,409.26
7,900.00	91.00	89.59	5,368.80	-472.08	2,607.74	0.00	2,645.13	673,330.12	656,509.24
8,000.00	91.00	89.59	5,367.06	-471.37	2,707.73	0.00	2,744.34	673,330.83	656,609.23
8,100.00	91.00	89.59	5,365.32	-470.66	2,807.71	0.00	2,843.55	673,331.54	656,709.21
8,200.00	91.00	89.59	5,363.57	-469.95	2,907.69	0.00	2,942.76	673,332.25	656,809.19
8,300.00	91.00	89.59	5,361.83	-469.25	3,007.67	0.00	3,041.96	673,332.95	656,909.17
8,400.00	91.00	89.59	5,360.08	-468.54	3,107.65	0.00	3,141.17	673,333.66	657,009.15
8,500.00	91.00	89.59	5,358.34	-467.83	3,207.64	0.00	3,240.38	673,334.37	657,109.14
8,600.00	91.00	89.59	5,356.59	-467.12	3,307.62	0.00	3,339.59	673,335.08	657,209.12
8,700.00	91.00	89.59	5,354.85	-466.42	3,407.60	0.00	3,438.79	673,335.78	657,309.10
8,800.00	91.00	89.59	5,353.10	-465.71	3,507.58	0.00	3,538.00	673,336.49	657,409.08
8,900.00	91.00	89.59	5,351.36	-465.00	3,607.57	0.00	3,637.21	673,337.20	657,509.07
9,000.00	91.00	89.59	5,349.62	-464.30	3,707.55	0.00	3,736.42	673,337.90	657,609.05
9,100.00	91.00	89.59	5,347.87	-463.59	3,807.53	0.00	3,835.63	673,338.61	657,709.03
9,200.00	91.00	89.59	5,346.13	-462.88	3,907.51	0.00	3,934.83	673,339.32	657,809.01
9,207.26	91.00	89.59	5,346.00	-462.83	3,914.77	0.00	3,942.04	673,339.37	657,816.27
PBHL/TD									
9,207.27	91.00	89.59	5,346.00	-462.83	3,914.78	0.00	3,942.04	673,339.37	657,816.28

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Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N-S (usft)	+E-W (usft)	
4,756.00	4,756.00	0.00	0.00	KOP Begin 10"/100' build
5,406.00	5,275.28	-262.45	201.39	Begin 10"/100' build/turn
5,979.73	5,402.30	-485.66	687.81	Begin 91.00 lateral section
9,207.26	5,346.00	-462.83	3,914.77	PBHL/TD