

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1801 W. GRAND AVENUE
Artesia, NM 88210

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other						5. Lease Serial No. NMNM97855			
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff.Resvr., Other						6. If Indian, Allottee or Tribe Name			
2. Name of Operator Nearburg Producing Company						7. Unit or CA Agreement Name and No.			
3. Address 3300 N A St., Bldg 2, Ste 120, Midland, TX 79705						8. Lease Name and Well No. McKittrick 24 Federal #1			
3a. Phone No. (include area code) 432/686-8235						9. API Well No. 30-015-33648			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 800 FSL and 1650 FEL, Sec 13, 22S, 24E At top prod. interval reported below 736 FNL and 936 FEL, Sec 24, 22S, 24E At total depth 793 FNL & 894 FEL, Sec 24, 22S, 24E						10. Field and Pool, or Exploratory McKittrick Hills; Upper Penn			
14. Date Spudded 11/27/04						15. Date T.D. Reached 12/28/04		16. Date Completed ☐ D & A ☒ Ready to Prod. 1/20/05	
18. Total Depth: MD TVD		8584 8326		19. Plug Back T.D.: MD TVD		8483 8228		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Litho Density, Comp Neutron/ GR						22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No.of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14-3/4	9-5/8	36#		1600		1830		Surface	25 sxs
8-3/4	7	23 & 26		8584		450		6200 by	NA
								Temp Svy	
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8	8238								
25. Producing Intervals					26. Perforation Record				
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Cisco Canyon		8304	8339	8304-8339		4 JSPF	140	Open	
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
8324-8339		3000 gals 20% HCL							
8309-8324		3000 gals 20% HCL							
8304-8309		1500 gals 20% HCL							
28. Production - Interval A									
Date First Produced 1/20/05	Test Date 2/17/05	Hours Tested 24	Test Production →	Oil BBL 22	Gas MCF 10412	Water BBL 968	Oil Gravity	Gas Gravity	Production Method Pumping
Choke Size NA	Tbg. Press. Flwg. SI NA	Csg. Press. SI NA	24 Hr. →	Oil BBL 22	Gas MCF 10412	Water BBL 968	Gas: Oil Ratio 473272:1	Well Status Producing	
28a. Production-Interval B									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

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MAR 15 2005

GUARANTEED

ACCEPTED FOR RECORD

MAR 14 2005

LES BABYAK
PETROLEUM ENGINEER

Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Cisco Canyon	8302	8584		Bone Spring	5905
				3 BS Sand	7554
				Wolfcamp	7994
				Cisco Canyon	8302

32. Additional remarks (include plugging procedure):

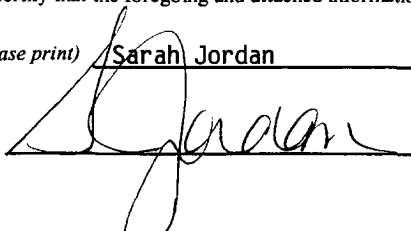
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
 ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Sarah Jordan

Title Production Analyst

Signature 

Date 3/8/05

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

Survey Report



Report Date: February 28, 2005	Survey / DLS Computation Method: Minimum Curvature / Lubinski
Client: Nearburg Producing Company	Vertical Section Azimuth: 155.840°
Field: Eddy County, NM	Vertical Section Origin: N 0.000 ft, E 0.000 ft
Structure / Slot: Mckittrick 24 Fed #1 / Mckittrick 24 Fed #1	TVD Reference Datum:
Well: Mckittrick 24 Fed #1	TVD Reference Elevation: 0.0 ft relative to
Borehole: Mckittrick 24 Fed #1	Sea Bed / Ground Level Elevation: 0.000 ft relative to
UWI/API#:	Magnetic Declination: 8.748°
Survey Name / Date: 24-1_surveys / December 23, 2004	Total Field Strength: 49294.133 nT
Tort / AHD / DDI / ERD ratio: 82.848° / 1829.51 ft / 5.194 / 0.220	Magnetic Dip: 60.332°
Grid Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet	Declination Date: December 23, 2004
Location Lat/Long: N 32 23 9.026, W 104 26 53.748	Magnetic Declination Model: IGRF 2005
Location Grid N/E Y/X: N 504102.700 ftUS, E 464522.300 ftUS	North Reference: Grid North
Grid Convergence Angle: -0.06155865°	Total Corr Mag North -> Grid North: +8.810°
Grid Scale Factor: 0.99991053	Local Coordinates Referenced To: Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
Tie-In	1547.00	1.70	269.70	1546.67	-23.38	19.69	-13.24	23.72	326.07	0.00	-95.00M
	1692.00	1.40	265.00	1691.62	-24.83	19.52	-17.16	25.99	318.69	0.22	-107.70M
	1795.00	1.00	252.30	1794.59	-25.35	19.14	-19.27	27.16	314.81	0.46	-108.00M
	1825.00	1.00	252.00	1824.59	-25.40	18.98	-19.76	27.40	313.83	0.02	-114.60M
	1855.00	1.00	245.40	1854.58	-25.43	18.79	-20.25	27.62	312.85	0.38	-143.20M
	1886.00	0.80	216.80	1885.58	-25.32	18.50	-20.63	27.71	311.89	1.56	175.40M
	1917.00	1.10	175.40	1916.58	-24.94	18.03	-20.73	27.48	311.01	2.35	155.50M
	1949.00	1.70	155.50	1948.57	-24.17	17.29	-20.51	26.83	310.13	2.39	143.60M
	1981.00	2.30	143.60	1980.55	-23.07	16.34	-19.93	25.78	309.35	2.27	139.90M
	2012.00	2.80	139.90	2011.52	-21.73	15.26	-19.08	24.43	308.66	1.70	140.40M
	2042.00	3.40	140.40	2041.47	-20.17	14.02	-18.04	22.84	307.85	2.00	141.80M
	2075.00	4.00	141.80	2074.40	-18.11	12.36	-16.70	20.78	306.50	1.84	143.40M
	2107.00	4.60	143.40	2106.31	-15.78	10.45	-15.25	18.49	304.43	1.91	144.10M
	2138.00	5.10	144.10	2137.20	-13.21	8.34	-13.70	16.04	301.33	1.62	26.92G
	2170.00	5.50	146.20	2169.07	-10.31	5.91	-12.01	13.39	296.21	1.39	32.89G
	2202.00	5.80	148.10	2200.91	-7.20	3.26	-10.30	10.81	287.58	1.10	2.51G
	2231.00	6.30	148.30	2229.75	-4.17	0.67	-8.69	8.72	274.39	1.73	28.70G
	2264.00	7.00	151.40	2262.53	-0.37	-2.64	-6.78	7.27	248.73	2.38	22.81G
	2296.00	7.40	152.70	2294.27	3.64	-6.18	-4.90	7.89	218.40	1.35	21.63G
	2328.00	8.00	154.40	2325.99	7.92	-10.02	-2.99	10.46	196.63	2.01	2.85G
	2360.00	8.60	154.60	2357.65	12.54	-14.19	-1.00	14.23	184.05	1.88	-6.69G
	2391.00	9.00	154.30	2388.29	17.28	-18.47	1.04	18.50	176.77	1.30	-7.92G
	2422.00	9.60	153.80	2418.88	22.29	-22.97	3.23	23.20	171.99	1.95	8.38G
	2453.00	10.60	154.60	2449.40	27.72	-27.87	5.60	28.43	168.64	3.26	-12.64G
	2485.00	11.30	153.80	2480.81	33.80	-33.34	8.24	34.35	166.11	2.24	13.39G
	2517.00	12.00	154.60	2512.15	40.25	-39.16	11.06	40.69	164.23	2.24	-29.70G
	2548.00	12.30	153.80	2542.46	46.78	-45.03	13.90	47.13	162.85	1.11	30.10G
	2579.00	12.80	155.10	2572.72	53.51	-51.11	16.80	53.80	161.80	1.85	21.18G
	2610.00	13.40	156.10	2602.91	60.54	-57.51	19.70	60.79	161.09	2.07	9.17G
	2642.00	14.00	156.50	2634.00	68.11	-64.45	22.75	68.35	160.56	1.90	-2.08G
	2672.00	14.70	156.40	2663.07	75.55	-71.27	25.72	75.76	160.16	2.33	14.89G
	2704.00	15.40	157.10	2693.97	83.86	-78.90	29.00	84.06	159.82	2.26	-12.33G
	2734.00	16.30	156.40	2722.83	92.05	-86.43	32.23	92.24	159.55	3.07	0.00G
	2765.00	16.90	156.40	2752.54	100.91	-94.54	35.78	101.09	159.27	1.94	-5.63G
	2796.00	17.20	156.30	2782.17	109.99	-102.87	39.42	110.17	159.03	0.97	-26.67G
	2858.00	17.50	155.80	2841.35	128.48	-119.77	46.93	128.63	158.60	0.54	4.39G
	2920.00	17.90	155.90	2900.42	147.33	-136.97	54.64	147.46	158.25	0.65	-23.90G
	2982.00	18.40	155.20	2959.33	166.65	-154.55	62.64	166.76	157.94	0.88	-148.22G
	3045.00	18.10	154.60	3019.16	186.37	-172.41	71.01	186.46	157.62	0.56	-90.00G
	3108.00	18.10	154.50	3079.05	205.94	-190.09	79.42	206.01	157.33	0.05	40.25G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	3171.00	18.40	155.30	3138.88	225.67	-207.95	87.78	225.72	157.11	0.62	-90.00G
	3234.00	18.40	154.60	3198.66	245.55	-225.97	96.20	245.59	156.94	0.35	-157.53G
	3297.00	18.10	154.20	3258.49	265.27	-243.76	104.73	265.31	156.75	0.52	-154.93G
	3359.00	17.40	153.10	3317.53	284.16	-260.70	113.11	284.18	156.54	1.25	-141.41G
	3454.00	17.00	152.00	3408.29	312.20	-285.63	126.06	312.21	156.19	0.54	144.23G
	3517.00	16.80	152.50	3468.57	330.48	-301.84	134.59	330.48	155.97	0.39	-53.04G
	3611.00	17.00	151.60	3558.51	357.75	-325.97	147.40	357.75	155.67	0.35	38.25G
	3674.00	17.50	152.90	3618.67	376.39	-342.51	156.09	376.40	155.50	1.00	0.00G
	3737.00	17.80	152.90	3678.71	395.47	-359.51	164.79	395.48	155.37	0.48	-130.08G
	3799.00	17.50	151.70	3737.79	414.23	-376.16	173.53	414.25	155.23	0.76	-7.05G
	3863.00	18.00	151.50	3798.74	433.69	-393.32	182.81	433.73	155.07	0.79	-52.35G
	3895.00	18.50	149.50	3829.13	443.66	-402.04	187.75	443.72	154.97	2.50	-32.89G
	3927.00	18.80	148.90	3859.45	453.83	-410.83	192.99	453.90	154.84	1.11	107.75G
	3958.00	18.70	149.90	3888.81	463.73	-419.40	198.06	463.82	154.72	1.09	125.00G
	4022.00	17.90	153.80	3949.57	483.76	-437.11	207.55	483.88	154.60	2.28	-57.26G
	4085.00	18.00	153.30	4009.51	503.16	-454.49	216.20	503.29	154.56	0.29	169.78G
	4147.00	17.50	153.60	4068.55	522.05	-471.40	224.64	522.19	154.52	0.82	-171.73G
	4177.00	16.90	153.30	4097.21	530.91	-479.33	228.61	531.06	154.50	2.02	141.81G
	4240.00	16.20	155.30	4157.60	548.85	-495.50	236.40	549.00	154.49	1.43	9.44G
	4303.00	16.90	155.70	4217.99	566.79	-511.83	243.84	566.94	154.53	1.13	159.17G
	4366.00	16.60	156.10	4278.32	584.95	-528.40	251.25	585.09	154.57	0.51	-164.24G
	4429.00	16.40	155.90	4338.72	602.84	-544.75	258.53	602.98	154.61	0.33	65.57G
	4492.00	16.60	157.40	4399.13	620.73	-561.17	265.62	620.86	154.67	0.75	90.00G
	4523.00	16.60	157.70	4428.84	629.59	-569.36	269.00	629.71	154.71	0.28	-170.56G
	4587.00	16.10	157.40	4490.25	647.59	-586.01	275.88	647.70	154.79	0.79	43.49G
	4650.00	16.40	158.40	4550.73	665.21	-602.34	282.51	665.31	154.87	0.65	138.42G
	4713.00	16.00	159.70	4611.23	682.76	-618.76	288.80	682.84	154.98	0.86	20.54G
	4776.00	16.30	160.10	4671.75	700.24	-635.21	294.82	700.30	155.10	0.51	-97.19G
	4840.00	16.20	156.30	4733.19	718.12	-651.83	301.46	718.17	155.18	1.67	90.00G
	4901.00	16.20	156.40	4791.77	735.14	-667.42	308.29	735.19	155.21	0.05	90.00G
	4963.00	16.20	157.60	4851.31	752.43	-683.34	315.05	752.47	155.25	0.54	46.42G
	5026.00	16.70	159.40	4911.73	770.25	-699.94	321.58	770.28	155.32	1.13	-146.73G
	5089.00	16.40	158.70	4972.12	788.17	-716.70	328.00	788.19	155.41	0.57	-142.66G
	5153.00	15.80	157.00	5033.61	805.90	-733.14	334.69	805.92	155.46	1.19	-116.91G
	5185.00	15.50	154.70	5064.42	814.53	-741.02	338.22	814.55	155.47	2.15	13.82G
	5217.00	16.30	155.40	5095.20	823.30	-748.97	341.91	823.32	155.46	2.57	-43.33G
	5249.00	16.70	154.10	5125.88	832.39	-757.18	345.79	832.41	155.45	1.70	-30.22G
	5312.00	16.90	153.70	5186.19	850.59	-773.54	353.80	850.61	155.42	0.37	174.75G
	5374.00	16.00	154.00	5245.65	868.13	-789.30	361.54	868.16	155.39	1.46	161.30G
	5406.00	15.30	154.90	5276.47	876.76	-797.08	365.26	876.79	155.38	2.32	11.48G
	5438.00	15.70	155.20	5307.30	885.31	-804.84	368.87	885.34	155.38	1.27	18.54G
	5470.00	16.20	155.80	5338.07	894.10	-812.84	372.52	894.13	155.38	1.65	5.41G
	5501.00	16.50	155.90	5367.82	902.83	-820.80	376.09	902.86	155.38	0.97	-58.05G
	5533.00	16.70	154.80	5398.48	911.97	-829.11	379.90	912.00	155.38	1.16	66.94G
	5564.00	16.80	155.60	5428.17	920.91	-837.22	383.65	920.94	155.38	0.81	49.69G
	5596.00	17.00	156.40	5458.79	930.21	-845.72	387.43	930.24	155.39	0.96	-169.16G
	5628.00	16.70	156.20	5489.41	939.48	-854.21	391.16	939.51	155.40	0.95	8.27G
	5659.00	16.90	156.30	5519.09	948.44	-862.41	394.77	948.47	155.40	0.65	16.49G
	5691.00	17.20	156.60	5549.68	957.83	-871.01	398.52	957.85	155.41	0.98	138.87G
	5723.00	17.00	157.20	5580.27	967.23	-879.67	402.21	967.26	155.43	0.83	-146.83G
	5754.00	16.40	155.80	5609.96	976.14	-887.84	405.76	976.16	155.44	2.33	-70.58G
	5786.00	16.60	153.90	5640.64	985.23	-896.06	409.62	985.25	155.43	1.80	-30.25G
	5818.00	16.90	153.30	5671.28	994.44	-904.32	413.72	994.47	155.42	1.08	7.39G
	5850.00	17.60	153.60	5701.84	1003.92	-912.81	417.96	1003.95	155.40	2.21	7.09G
	5881.00	18.10	153.80	5731.35	1013.42	-921.33	422.17	1013.45	155.38	1.62	-38.22G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	5912.00	18.30	153.30	5760.80	1023.09	-930.00	426.49	1023.13	155.36	0.82	25.48G
	5943.00	18.50	153.60	5790.22	1032.87	-938.75	430.86	1032.91	155.35	0.71	125.57G
	5973.00	18.30	154.50	5818.68	1042.33	-947.27	435.00	1042.37	155.33	1.16	-148.52G
	6004.00	17.90	153.70	5848.15	1051.96	-955.93	439.21	1052.00	155.32	1.52	-171.36G
	6036.00	17.70	153.60	5878.62	1061.73	-964.70	443.55	1061.78	155.31	0.63	163.64G
	6067.00	17.10	154.20	5908.20	1071.00	-973.02	447.63	1071.05	155.30	2.02	-145.75G
	6100.00	16.60	153.00	5939.78	1080.56	-981.59	451.88	1080.61	155.28	1.85	-173.67G
	6130.00	16.10	152.80	5968.57	1088.99	-989.11	455.73	1089.05	155.26	1.68	-136.87G
	6162.00	15.70	151.40	5999.34	1097.74	-996.86	459.83	1097.80	155.24	1.73	47.55G
	6192.00	15.80	151.80	6028.22	1105.86	-1004.02	463.70	1105.93	155.21	0.49	52.73G
	6224.00	16.10	153.20	6058.99	1114.64	-1011.82	467.76	1114.71	155.19	1.52	112.33G
	6256.00	16.00	154.10	6089.74	1123.48	-1019.75	471.69	1123.55	155.18	0.84	78.03G
	6288.00	16.10	155.70	6120.49	1132.32	-1027.76	475.44	1132.40	155.17	1.42	104.28G
	6320.00	16.00	157.20	6151.24	1141.17	-1035.87	478.98	1141.24	155.18	1.33	20.54G
	6352.00	16.30	157.60	6181.98	1150.07	-1044.08	482.40	1150.14	155.20	1.00	-33.79G
	6383.00	16.60	156.90	6211.71	1158.84	-1052.18	485.79	1158.91	155.22	1.16	116.97G
	6415.00	16.50	157.60	6242.39	1167.96	-1060.59	489.32	1168.02	155.23	0.70	-164.24G
	6446.00	16.40	157.50	6272.12	1176.73	-1068.70	492.67	1176.79	155.25	0.34	-131.80G
	6478.00	16.30	157.10	6302.82	1185.73	-1077.01	496.15	1185.79	155.27	0.47	15.77G
	6510.00	16.40	157.20	6333.53	1194.74	-1085.31	499.64	1194.80	155.28	0.32	-38.23G
	6540.00	17.00	155.60	6362.26	1203.36	-1093.21	503.10	1203.42	155.29	2.52	44.26G
	6572.00	17.50	157.20	6392.83	1212.85	-1101.90	506.89	1212.90	155.30	2.15	-145.13G
	6603.00	17.00	156.00	6422.43	1222.04	-1110.34	510.54	1222.09	155.31	1.98	176.75G
	6635.00	16.50	156.10	6453.07	1231.26	-1118.77	514.29	1231.31	155.31	1.57	-90.00G
	6667.00	16.50	155.80	6483.76	1240.35	-1127.07	517.99	1240.40	155.32	0.27	53.88G
	6699.00	16.80	157.20	6514.41	1249.52	-1135.48	521.64	1249.57	155.33	1.57	0.00G
	6730.00	16.80	157.20	6544.09	1258.48	-1143.74	525.12	1258.52	155.34	0.00	-171.87G
	6760.00	16.60	157.10	6572.83	1267.09	-1151.68	528.46	1267.14	155.35	0.67	-150.59G
	6792.00	16.40	156.70	6603.51	1276.18	-1160.04	532.03	1276.23	155.36	0.72	90.00G
	6823.00	16.40	157.70	6633.25	1284.93	-1168.11	535.42	1284.97	155.37	0.91	-90.00G
	6854.00	16.40	156.90	6662.99	1293.68	-1176.18	538.80	1293.72	155.39	0.73	-164.33G
	6885.00	16.30	156.80	6692.73	1302.41	-1184.21	542.23	1302.44	155.40	0.34	-33.79G
	6917.00	16.60	156.10	6723.42	1311.47	-1192.51	545.85	1311.50	155.40	1.12	-13.25G
	6948.00	17.10	155.70	6753.09	1320.45	-1200.72	549.52	1320.49	155.41	1.66	39.34G
	6976.00	17.70	157.30	6779.81	1328.82	-1208.40	552.86	1328.86	155.42	2.74	119.08G
	7007.00	17.60	157.90	6809.35	1338.22	-1217.08	556.44	1338.25	155.43	0.67	163.72G
	7039.00	17.00	158.50	6839.90	1347.73	-1225.92	559.97	1347.76	155.45	1.96	163.98G
	7070.00	16.70	158.80	6869.57	1356.70	-1234.29	563.25	1356.73	155.47	1.01	-52.88G
	7101.00	16.90	157.90	6899.25	1365.65	-1242.62	566.55	1365.68	155.49	1.06	-56.10G
	7131.00	17.10	156.90	6927.94	1374.42	-1250.71	569.92	1374.44	155.50	1.18	-67.41G
	7163.00	17.20	156.10	6958.51	1383.86	-1259.37	573.69	1383.88	155.51	0.80	-154.15G
	7225.00	16.50	154.90	7017.85	1401.83	-1275.72	581.13	1401.85	155.51	1.26	-90.00G
	7289.00	16.50	154.80	7079.22	1420.00	-1292.17	588.86	1420.02	155.50	0.04	125.79G
	7353.00	16.30	155.80	7140.61	1438.07	-1308.59	596.41	1438.09	155.50	0.54	-140.13G
	7416.00	16.20	155.50	7201.10	1455.70	-1324.65	603.68	1455.72	155.50	0.21	7.10G
	7479.00	16.90	155.80	7261.49	1473.64	-1341.00	611.08	1473.67	155.50	1.12	-122.70G
	7543.00	16.70	154.70	7322.75	1492.14	-1357.80	618.82	1492.17	155.50	0.59	111.63G
	7605.00	16.60	155.60	7382.16	1509.90	-1373.92	626.29	1509.93	155.49	0.45	30.08G
	7668.00	16.80	156.00	7442.50	1528.01	-1390.43	633.71	1528.03	155.50	0.37	53.04G
	7732.00	17.00	156.90	7503.73	1546.61	-1407.49	641.14	1546.63	155.51	0.51	-41.48G
	7794.00	17.10	156.60	7563.01	1564.79	-1424.19	648.32	1564.81	155.52	0.21	-90.00G
	7857.00	17.10	156.40	7623.22	1583.31	-1441.18	655.70	1583.33	155.54	0.09	-139.71G
	7920.00	16.60	154.90	7683.52	1601.57	-1457.81	663.23	1601.59	155.54	1.05	-72.84G
	7984.00	17.00	150.90	7744.79	1620.03	-1474.27	671.66	1620.06	155.51	1.91	-150.66G
	8047.00	14.60	145.40	7805.41	1637.02	-1488.85	680.65	1637.06	155.43	4.49	-174.82G
	8078.00	13.10	144.80	7835.51	1644.31	-1494.94	684.89	1644.36	155.39	4.86	-153.77G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	5912.00	18.30	153.30	5760.80	1023.09	-930.00	426.49	1023.13	155.36	0.82	25.48G
	5943.00	18.50	153.60	5790.22	1032.87	-938.75	430.86	1032.91	155.35	0.71	125.57G
	5973.00	18.30	154.50	5818.68	1042.33	-947.27	435.00	1042.37	155.33	1.16	-148.52G
	6004.00	17.90	153.70	5848.15	1051.96	-955.93	439.21	1052.00	155.32	1.52	-171.36G
	6036.00	17.70	153.60	5878.62	1061.73	-964.70	443.55	1061.78	155.31	0.63	163.64G
	6067.00	17.10	154.20	5908.20	1071.00	-973.02	447.63	1071.05	155.30	2.02	-145.75G
	6100.00	16.60	153.00	5939.78	1080.56	-981.59	451.88	1080.61	155.28	1.85	-173.67G
	6130.00	16.10	152.80	5968.57	1088.99	-989.11	455.73	1089.05	155.26	1.68	-136.87G
	6162.00	15.70	151.40	5999.34	1097.74	-996.86	459.83	1097.80	155.24	1.73	47.55G
	6192.00	15.80	151.80	6028.22	1105.86	-1004.02	463.70	1105.93	155.21	0.49	52.73G
	6224.00	16.10	153.20	6058.99	1114.64	-1011.82	467.76	1114.71	155.19	1.52	112.33G
	6256.00	16.00	154.10	6089.74	1123.48	-1019.75	471.69	1123.55	155.18	0.84	78.03G
	6288.00	16.10	155.70	6120.49	1132.32	-1027.76	475.44	1132.40	155.17	1.42	104.28G
	6320.00	16.00	157.20	6151.24	1141.17	-1035.87	478.98	1141.24	155.18	1.33	20.54G
	6352.00	16.30	157.60	6181.98	1150.07	-1044.08	482.40	1150.14	155.20	1.00	-33.79G
	6383.00	16.60	156.90	6211.71	1158.84	-1052.18	485.79	1158.91	155.22	1.16	116.97G
	6415.00	16.50	157.60	6242.39	1167.96	-1060.59	489.32	1168.02	155.23	0.70	-164.24G
	6446.00	16.40	157.50	6272.12	1176.73	-1068.70	492.67	1176.79	155.25	0.34	-131.80G
	6478.00	16.30	157.10	6302.82	1185.73	-1077.01	496.15	1185.79	155.27	0.47	15.77G
	6510.00	16.40	157.20	6333.53	1194.74	-1085.31	499.64	1194.80	155.28	0.32	-38.23G
	6540.00	17.00	155.60	6362.26	1203.36	-1093.21	503.10	1203.42	155.29	2.52	44.26G
	6572.00	17.50	157.20	6392.83	1212.85	-1101.90	506.89	1212.90	155.30	2.15	-145.13G
	6603.00	17.00	156.00	6422.43	1222.04	-1110.34	510.54	1222.09	155.31	1.98	176.75G
	6635.00	16.50	156.10	6453.07	1231.26	-1118.77	514.29	1231.31	155.31	1.57	-90.00G
	6667.00	16.50	155.80	6483.76	1240.35	-1127.07	517.99	1240.40	155.32	0.27	53.88G
	6699.00	16.80	157.20	6514.41	1249.52	-1135.48	521.64	1249.57	155.33	1.57	0.00G
	6730.00	16.80	157.20	6544.09	1258.48	-1143.74	525.12	1258.52	155.34	0.00	-171.87G
	6760.00	16.60	157.10	6572.83	1267.09	-1151.68	528.46	1267.14	155.35	0.67	-150.59G
	6792.00	16.40	156.70	6603.51	1276.18	-1160.04	532.03	1276.23	155.36	0.72	90.00G
	6823.00	16.40	157.70	6633.25	1284.93	-1168.11	535.42	1284.97	155.37	0.91	-90.00G
	6854.00	16.40	156.90	6662.99	1293.68	-1176.18	538.80	1293.72	155.39	0.73	-164.33G
	6885.00	16.30	156.80	6692.73	1302.41	-1184.21	542.23	1302.44	155.40	0.34	-33.79G
	6917.00	16.60	156.10	6723.42	1311.47	-1192.51	545.85	1311.50	155.40	1.12	-13.25G
	6948.00	17.10	155.70	6753.09	1320.45	-1200.72	549.52	1320.49	155.41	1.66	39.34G
	6976.00	17.70	157.30	6779.81	1328.82	-1208.40	552.86	1328.86	155.42	2.74	119.08G
	7007.00	17.60	157.90	6809.35	1338.22	-1217.08	556.44	1338.25	155.43	0.67	163.72G
	7039.00	17.00	158.50	6839.90	1347.73	-1225.92	559.97	1347.76	155.45	1.96	163.98G
	7070.00	16.70	158.80	6869.57	1356.70	-1234.29	563.25	1356.73	155.47	1.01	-52.88G
	7101.00	16.90	157.90	6899.25	1365.65	-1242.62	566.55	1365.68	155.49	1.06	-56.10G
	7131.00	17.10	156.90	6927.94	1374.42	-1250.71	569.92	1374.44	155.50	1.18	-67.41G
	7163.00	17.20	156.10	6958.51	1383.86	-1259.37	573.69	1383.88	155.51	0.80	-154.15G
	7225.00	16.50	154.90	7017.85	1401.83	-1275.72	581.13	1401.85	155.51	1.26	-90.00G
	7289.00	16.50	154.80	7079.22	1420.00	-1292.17	588.86	1420.02	155.50	0.04	125.79G
	7353.00	16.30	155.80	7140.61	1438.07	-1308.59	596.41	1438.09	155.50	0.54	-140.13G
	7416.00	16.20	155.50	7201.10	1455.70	-1324.65	603.68	1455.72	155.50	0.21	7.10G
	7479.00	16.90	155.80	7261.49	1473.64	-1341.00	611.08	1473.67	155.50	1.12	-122.70G
	7543.00	16.70	154.70	7322.75	1492.14	-1357.80	618.82	1492.17	155.50	0.59	111.63G
	7605.00	16.60	155.60	7382.16	1509.90	-1373.92	626.29	1509.93	155.49	0.45	30.08G
	7668.00	16.80	156.00	7442.50	1528.01	-1390.43	633.71	1528.03	155.50	0.37	53.04G
	7732.00	17.00	156.90	7503.73	1546.61	-1407.49	641.14	1546.63	155.51	0.51	-41.48G
	7794.00	17.10	156.60	7563.01	1564.79	-1424.19	648.32	1564.81	155.52	0.21	-90.00G
	7857.00	17.10	156.40	7623.22	1583.31	-1441.18	655.70	1583.33	155.54	0.09	-139.71G
	7920.00	16.60	154.90	7683.52	1601.57	-1457.81	663.23	1601.59	155.54	1.05	-72.84G
	7984.00	17.00	150.90	7744.79	1620.03	-1474.27	671.66	1620.06	155.51	1.91	-150.66G
	8047.00	14.60	145.40	7805.41	1637.02	-1488.85	680.65	1637.06	155.43	4.49	-174.82G
	8078.00	13.10	144.80	7835.51	1644.31	-1494.94	684.89	1644.36	155.39	4.86	-153.77G

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (deg)	DLS (deg/100 ft)	Tool Face (deg)
	8108.00	12.70	143.90	7864.75	1650.87	-1500.38	688.79	1650.94	155.34	1.49	-146.84G
	8139.00	12.60	143.60	7895.00	1657.51	-1505.86	692.81	1657.59	155.29	0.39	6.32G
	8171.00	12.80	143.70	7926.21	1664.39	-1511.53	696.98	1664.48	155.25	0.63	16.83G
	8202.00	13.10	144.10	7956.43	1671.18	-1517.14	701.07	1671.29	155.20	1.01	6.66G
	8233.00	13.50	144.30	7986.59	1678.17	-1522.92	705.24	1678.29	155.15	1.30	0.00G
	8297.00	13.60	144.30	8048.81	1692.86	-1535.10	713.99	1693.02	155.06	0.16	21.85G
As of 12/27	8329.00	13.90	144.80	8079.90	1700.32	-1541.30	718.40	1700.50	155.01	1.01	-20.75G
	8535.00	15.00	143.20	8279.38	1750.62	-1582.86	748.64	1750.97	154.69	0.57	90.00G
Projected TD	8584.00	15.00	143.20	8326.71	1762.99	-1593.02	756.23	1763.40	154.61	0.00	0.00G