

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 87240
District II
1301 W. Grand Ave., 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

Form C-103
May 27, 2004

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

WELL API NO. 30-005-63852
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other	7. Lease Name or Unit Agreement Name: PERSONALLY 1525-33
2. Name of Operator PARALLEL PETROLEUM CORPORATION	8. Well Number 1
3. Address of Operator 1004 N BIG SPRING, SUITE 400, MIDLAND, TX 79701	9. OGRID Number 230387
4. Well Location Unit Letter <u>D</u> : <u>760</u> feet from the <u>NORTH</u> line and <u>234</u> feet from the <u>WEST</u> line Section <u>33</u> Township <u>15S</u> Range <u>25E</u> NMPM <u>NMEM</u> County <u>CHAVES</u>	10. Pool name or Wildcat WILDCAT, WOLFECAMP
11. Elevation (Show whether DR, RKB, RT, GR, etc.) GR: 3474	
Pit or Below-grade Tank Application ☐ or Closure ☐ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☐ PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐ OTHER: ☐	SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐ CASING TEST AND CEMENT JOB ☒ OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

06-08-07: SET 5.5 CSG, 7.875 HOLE, 17# @ 9039
CMT W/LEAD: 700 SX HALLIBURTON INTERFILL C, 11.9 PPG, 2.45 YLD
TAIL: 450 SX PREMIUM ASC +0.7% HALAD 344+0.25 D-AIR 3000+0.7% HR601+
10# SILICALITE 50/50 POZMIX, 15 PPG, 2.61 YLD, 109 CENTRALIZERS
TOC: CIRCULATED 66 SX TO SURFACE
WOC: 8 HR, TEST CSG TO 1500 PSI FOR 30 MIN

NO OPEN HOLE LOGS WERE RUN ON THIS WELL. MUD LOG, GYRODATA GYRO SURVEY & SPERRY MWD SURVEYS ATTACHED

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Kaye McCormick TITLE SR PROD & REG TECH DATE 06-28-2007
E-mail address: kmccormick@plll.com
Type or print name KAYE MC CORMICK Telephone No. 432-685-6563

For State Use Only
APPROVED BY BRYAN G. ARRANT TITLE DISTRICT II GEOLOGIST DATE JUL 03 2007
Conditions of Approval, if any:

Keltic Services, Inc
Box 1857
Artesia, NM
88211

505 748 3759

Temperature Survey

Company	PARALLEL PETROLEUM	Date	05/24/07
Well	PERSONALLY 1525-33 #1	Time Plug Down	1400 hrs
		Time Start Survey	1830 hrs
		Time End Survey	1930 hrs
Casing String	SURFACE	Depth Reached	1025 ft
Cement Top	575 ft.		
Gauge	205		
Operator:	Julian	Witness:	WAYNE DUCAN

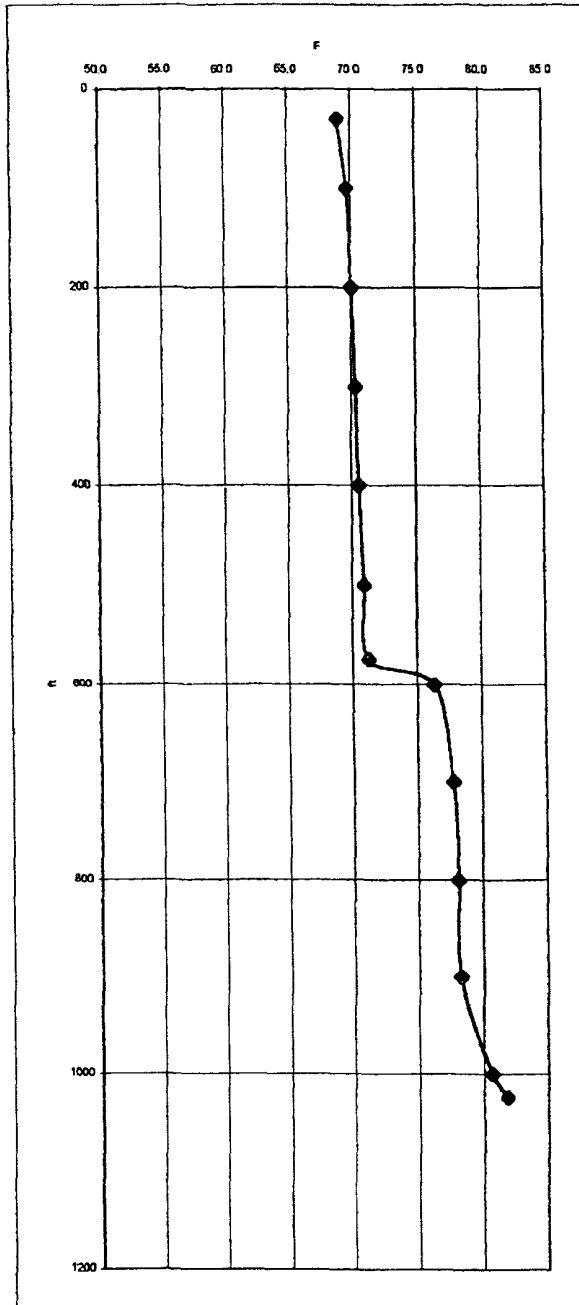
Keltic Services Inc
Temperature Survey

Company PARALLEL PETROLEUM
Well PERSONALLY 1525-33 #1

Date 5/24/07
Plug Down 1400 hrs
Survey Start 1830 hrs
Operator Julian

Cement Top 575 ft

Depth ft	Temp. °F	Comments
30	69.0	
100	69.7	
200	70.0	
300	70.3	
400	70.5	
500	70.9	
575	71.2	CT
600	76.3	
700	77.7	
800	78.1	
900	78.2	
1000	80.6	
1025	81.8	



Parallel Petroleum Corp.

Chaves County, NM

Sec 33 T-15S R-25E

Personally 1525-33 #1

Wellbore #1

Survey: Survey #1

Sperry Drilling Services Combo Report

06 June, 2007

Well Coordinates: 719,112.40 N, 462,635.20 E (32° 58' 36.66" N, 104° 27' 18.63" W)
Ground Level 3,474.00 ft

Local Coordinate Origin:	Centered on Well Personally 1525-33 #1
Viewing Datum	WELL @ 3490.00ft (Original Well Elev)
TVDs to System	N
North Reference:	Grid
Unit System	api us survey ft 2

Version: 2003.16 Build: 42B

HALLIBURTON

HALLIBURTON**Survey Report for Personally 1525-33 #1 - Survey #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
0.00	0.00	0.00	3,490.00	0.00	0.00 N	0.00 E	719,112.40	462,635.20	0.00	0.00	
100.00	0.81	19.68	3,390.00	100.00	0.67 N	0.24 E	719,113.07	462,635.44	0.81	0.23	
150.00	1.03	26.48	3,340.01	149.99	1.40 N	0.56 E	719,113.80	462,635.76	0.49	0.55	
200.00	0.92	28.75	3,290.02	199.98	2.15 N	0.95 E	719,114.55	462,636.15	0.23	0.94	
250.00	1.09	26.31	3,240.02	249.98	2.93 N	1.35 E	719,115.33	462,636.55	0.35	1.34	
300.00	0.96	43.21	3,190.03	299.97	3.66 N	1.85 E	719,116.06	462,637.05	0.66	1.83	
350.00	0.86	54.11	3,140.04	349.96	4.19 N	2.44 E	719,116.59	462,637.64	0.40	2.42	
400.00	0.72	57.29	3,090.04	399.96	4.58 N	3.01 E	719,116.98	462,638.21	0.29	2.99	
450.00	0.60	45.78	3,040.05	449.95	4.93 N	3.46 E	719,117.33	462,638.66	0.36	3.44	
500.00	0.60	43.56	2,990.05	499.95	5.30 N	3.83 E	719,117.70	462,639.03	0.05	3.80	
550.00	0.39	30.54	2,940.05	549.95	5.64 N	4.10 E	719,118.04	462,639.30	0.47	4.07	
600.00	0.32	56.58	2,890.05	599.95	5.86 N	4.30 E	719,118.26	462,639.50	0.35	4.27	
650.00	0.31	42.37	2,840.05	649.95	6.04 N	4.51 E	719,118.44	462,639.71	0.16	4.48	
700.00	0.36	83.70	2,790.05	699.95	6.16 N	4.76 E	719,118.56	462,639.96	0.48	4.72	
750.00	0.70	92.87	2,740.06	749.94	6.16 N	5.22 E	719,118.56	462,640.42	0.70	5.18	
800.00	0.60	95.71	2,690.06	799.94	6.12 N	5.78 E	719,118.52	462,640.98	0.21	5.75	
850.00	0.77	99.80	2,640.06	849.94	6.04 N	6.37 E	719,118.44	462,641.57	0.35	6.34	
900.00	1.18	96.37	2,590.07	899.93	5.92 N	7.22 E	719,118.32	462,642.42	0.83	7.18	
950.00	1.32	97.57	2,540.08	949.92	5.79 N	8.30 E	719,118.19	462,643.50	0.28	8.27	
1,000.00	1.36	102.96	2,490.10	999.90	5.58 N	9.45 E	719,117.98	462,644.65	0.26	9.42	
1,050.00	1.11	98.58	2,440.11	1,049.89	5.37 N	10.51 E	719,117.77	462,645.71	0.53	10.48	
1,100.00	1.21	101.41	2,390.12	1,099.88	5.20 N	11.50 E	719,117.60	462,646.70	0.23	11.47	
1,150.00	1.07	99.57	2,340.13	1,149.87	5.02 N	12.48 E	719,117.42	462,647.68	0.29	12.45	
1,200.00	1.14	92.02	2,290.14	1,199.86	4.92 N	13.44 E	719,117.32	462,648.64	0.32	13.41	
1,250.00	0.90	85.79	2,240.15	1,249.85	4.93 N	14.33 E	719,117.33	462,649.53	0.53	14.30	
1,300.00	0.90	79.77	2,190.15	1,299.85	5.03 N	15.10 E	719,117.43	462,650.30	0.19	15.08	
1,350.00	0.73	75.89	2,140.16	1,349.84	5.18 N	15.80 E	719,117.58	462,651.00	0.36	15.77	
1,400.00	0.62	72.87	2,090.16	1,399.84	5.33 N	16.37 E	719,117.73	462,651.57	0.23	16.34	
1,450.00	0.85	74.68	2,040.16	1,449.84	5.51 N	16.98 E	719,117.91	462,652.18	0.46	16.95	
1,500.00	0.65	70.48	1,990.17	1,499.83	5.70 N	17.61 E	719,118.10	462,652.81	0.41	17.58	
1,550.00	0.76	73.89	1,940.17	1,549.83	5.89 N	18.19 E	719,118.29	462,653.39	0.24	18.16	
1,600.00	0.68	76.78	1,890.18	1,599.82	6.05 N	18.80 E	719,118.45	462,654.00	0.18	18.77	
1,650.00	0.75	78.34	1,840.18	1,649.82	6.19 N	19.41 E	719,118.59	462,654.61	0.15	19.38	
1,700.00	0.87	68.45	1,790.18	1,699.82	6.39 N	20.08 E	719,118.79	462,655.28	0.37	20.05	
1,750.00	0.79	54.12	1,740.19	1,749.81	6.73 N	20.72 E	719,119.13	462,655.92	0.44	20.68	
1,800.00	1.13	57.78	1,690.20	1,799.80	7.20 N	21.41 E	719,119.60	462,656.61	0.69	21.37	
1,850.00	0.77	57.37	1,640.20	1,849.80	7.64 N	22.11 E	719,120.04	462,657.31	0.72	22.07	
1,900.00	0.81	59.43	1,590.21	1,899.79	8.00 N	22.70 E	719,120.40	462,657.90	0.10	22.66	
1,950.00	0.70	53.83	1,540.21	1,949.79	8.36 N	23.25 E	719,120.76	462,658.45	0.26	23.20	
2,000.00	0.70	52.65	1,490.22	1,999.78	8.73 N	23.74 E	719,121.13	462,658.94	0.03	23.69	

HALLIBURTON**Survey Report for Personally 1525-33 #1 - Survey #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
2,050.00	0.67	59.18	1,440.22	2,049.78	9.06 N	24.23 E	719,121.46	462,659.43	0.17	24.18	
2,100.00	0.43	62.46	1,390.22	2,099.78	9.30 N	24.65 E	719,121.70	462,659.85	0.48	24.60	
2,150.00	0.38	57.54	1,340.22	2,149.78	9.48 N	24.96 E	719,121.88	462,660.16	0.12	24.91	
2,200.00	0.31	71.02	1,290.22	2,199.78	9.61 N	25.23 E	719,122.01	462,660.43	0.21	25.17	
2,250.00	0.18	47.49	1,240.23	2,249.77	9.71 N	25.41 E	719,122.11	462,660.61	0.32	25.36	
2,300.00	0.04	93.09	1,190.23	2,299.77	9.76 N	25.49 E	719,122.16	462,660.69	0.31	25.43	
2,350.00	0.05	329.63	1,140.23	2,349.77	9.78 N	25.49 E	719,122.18	462,660.69	0.16	25.44	
2,400.00	0.08	2.82	1,090.23	2,399.77	9.83 N	25.48 E	719,122.23	462,660.68	0.09	25.43	
2,450.00	0.14	333.46	1,040.23	2,449.77	9.92 N	25.46 E	719,122.32	462,660.66	0.16	25.40	
2,500.00	0.39	329.57	990.23	2,499.77	10.12 N	25.35 E	719,122.52	462,660.55	0.50	25.29	
2,550.00	0.30	327.36	940.23	2,549.77	10.38 N	25.19 E	719,122.78	462,660.39	0.18	25.13	
2,600.00	0.54	326.87	890.23	2,599.77	10.68 N	24.99 E	719,123.08	462,660.19	0.48	24.93	
2,650.00	0.44	318.98	840.23	2,649.77	11.03 N	24.73 E	719,123.43	462,659.93	0.24	24.67	
2,700.00	0.54	311.79	790.23	2,699.77	11.33 N	24.43 E	719,123.73	462,659.63	0.23	24.37	
2,750.00	0.44	299.32	740.23	2,749.77	11.58 N	24.09 E	719,123.98	462,659.29	0.29	24.02	
2,800.00	0.45	300.94	690.24	2,799.76	11.77 N	23.75 E	719,124.17	462,658.95	0.03	23.69	
2,850.00	0.58	279.27	640.24	2,849.76	11.92 N	23.34 E	719,124.32	462,658.54	0.46	23.27	
2,900.00	0.57	276.06	590.24	2,899.76	11.98 N	22.84 E	719,124.38	462,658.04	0.07	22.77	
2,950.00	0.42	265.90	540.24	2,949.76	12.00 N	22.41 E	719,124.40	462,657.61	0.35	22.34	
3,000.00	0.67	267.85	490.24	2,999.76	11.97 N	21.93 E	719,124.37	462,657.13	0.50	21.87	
3,050.00	0.78	278.19	440.25	3,049.75	12.01 N	21.30 E	719,124.41	462,656.50	0.34	21.24	
3,100.00	0.58	276.45	390.25	3,099.75	12.09 N	20.72 E	719,124.49	462,655.92	0.40	20.65	
3,150.00	0.45	274.13	340.25	3,149.75	12.13 N	20.27 E	719,124.53	462,655.47	0.26	20.20	
3,200.00	0.59	291.74	290.26	3,199.74	12.24 N	19.83 E	719,124.64	462,655.03	0.42	19.77	
3,250.00	0.47	288.63	240.26	3,249.74	12.40 N	19.40 E	719,124.80	462,654.60	0.25	19.33	
3,300.00	0.68	280.24	190.26	3,299.74	12.52 N	18.91 E	719,124.92	462,654.11	0.45	18.84	
3,350.00	0.53	291.02	140.26	3,349.74	12.65 N	18.41 E	719,125.05	462,653.61	0.38	18.34	
3,400.00	0.52	298.76	90.27	3,399.73	12.85 N	17.99 E	719,125.25	462,653.19	0.14	17.92	
3,450.00	0.38	310.92	40.27	3,449.73	13.06 N	17.67 E	719,125.46	462,652.87	0.34	17.59	
3,500.00	0.44	305.88	-9.73	3,499.73	13.28 N	17.39 E	719,125.68	462,652.59	0.14	17.31	
3,550.00	0.39	313.02	-59.73	3,549.73	13.51 N	17.11 E	719,125.91	462,652.31	0.14	17.03	
3,600.00	0.41	330.84	-109.73	3,599.73	13.79 N	16.90 E	719,126.19	462,652.10	0.25	16.82	
3,650.00	0.29	351.27	-159.73	3,649.73	14.07 N	16.79 E	719,126.47	462,651.99	0.34	16.71	
3,700.00	0.32	11.43	-209.73	3,699.73	14.33 N	16.80 E	719,126.73	462,652.00	0.22	16.72	
3,750.00	0.28	25.49	-259.73	3,749.73	14.58 N	16.88 E	719,126.98	462,652.08	0.17	16.80	
3,800.00	0.35	28.65	-309.73	3,799.73	14.82 N	17.00 E	719,127.22	462,652.20	0.14	16.92	
3,850.00	0.62	47.70	-359.72	3,849.72	15.14 N	17.28 E	719,127.54	462,652.48	0.62	17.19	
3,900.00	0.90	58.35	-409.72	3,899.72	15.52 N	17.81 E	719,127.92	462,653.01	0.62	17.72	
3,950.00	1.03	53.63	-459.71	3,949.71	16.00 N	18.51 E	719,128.40	462,653.71	0.30	18.42	

HALLIBURTON**Survey Report for Personally 1525-33 #1 - Survey #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
4,000.00	1.06	47.14	-509.70	3,999.70	16.58 N	19.21 E	719,128.98	462,654.41	0.24	19.12	
4,050.00	1.04	41.80	-559.70	4,049.70	17.23 N	19.85 E	719,129.63	462,655.05	0.20	19.75	
4,100.00	1.17	39.57	-609.69	4,099.69	17.96 N	20.48 E	719,130.36	462,655.68	0.27	20.38	
4,150.00	1.38	34.34	-659.67	4,149.67	18.85 N	21.14 E	719,131.25	462,656.34	0.48	21.04	
4,200.00	1.39	42.39	-709.66	4,199.66	19.80 N	21.89 E	719,132.20	462,657.09	0.39	21.78	
4,250.00	1.36	40.47	-759.65	4,249.65	20.70 N	22.68 E	719,133.10	462,657.88	0.11	22.57	
4,300.00	1.48	40.62	-809.63	4,299.63	21.64 N	23.49 E	719,134.04	462,658.69	0.24	23.37	
4,329.45	1.48	45.55	-839.07	4,329.07	22.19 N	24.01 E	719,134.59	462,659.21	0.43	23.88	Last Gyro
4,370.00	1.70	49.90	-879.60	4,369.60	22.95 N	24.84 E	719,135.35	462,660.04	0.62	24.71	
4,402.00	2.17	65.23	-911.59	4,401.59	23.51 N	25.76 E	719,135.91	462,660.96	2.17	25.62	
4,434.00	3.55	81.24	-943.55	4,433.55	23.91 N	27.29 E	719,136.31	462,662.49	4.94	27.15	
4,472.00	5.82	87.11	-981.42	4,471.42	24.19 N	30.37 E	719,136.59	462,665.57	6.10	30.24	
4,503.00	8.17	93.78	-1,012.18	4,502.18	24.12 N	34.14 E	719,136.52	462,669.34	8.01	34.01	
4,535.00	12.00	97.42	-1,043.68	4,533.68	23.54 N	39.71 E	719,135.94	462,674.91	12.13	39.58	
4,567.00	17.26	98.73	-1,074.64	4,564.64	22.39 N	47.71 E	719,134.79	462,682.91	16.47	47.58	
4,598.00	22.60	99.09	-1,103.77	4,593.77	20.75 N	58.14 E	719,133.15	462,693.34	17.23	58.03	
4,630.00	27.59	102.08	-1,132.74	4,622.74	18.23 N	71.47 E	719,130.63	462,706.67	16.08	71.37	
4,662.00	32.29	104.67	-1,160.46	4,650.46	14.51 N	86.99 E	719,126.91	462,722.19	15.23	86.91	
4,694.00	35.90	106.01	-1,186.96	4,676.96	9.76 N	104.29 E	719,122.16	462,739.49	11.52	104.23	
4,726.00	38.98	105.32	-1,212.36	4,702.36	4.51 N	123.02 E	719,116.91	462,758.22	9.71	122.99	
4,758.00	41.52	102.84	-1,236.79	4,726.79	0.51 S	143.07 E	719,111.89	462,778.27	9.38	143.07	
4,789.00	44.65	100.46	-1,259.43	4,749.43	4.77 S	163.80 E	719,107.63	462,799.00	11.38	163.83	
4,820.00	48.29	98.71	-1,280.77	4,770.77	8.50 S	185.96 E	719,103.90	462,821.16	12.43	186.01	
4,853.00	52.89	97.38	-1,301.72	4,791.72	12.06 S	211.20 E	719,100.34	462,846.40	14.28	211.27	
4,885.00	57.39	94.62	-1,320.01	4,810.01	14.79 S	237.31 E	719,097.61	462,872.51	15.74	237.39	
4,915.00	61.56	90.60	-1,335.25	4,825.25	15.94 S	263.11 E	719,096.46	462,898.31	18.06	263.19	
4,947.00	65.44	87.44	-1,349.53	4,839.53	15.44 S	291.73 E	719,096.96	462,926.93	15.00	291.81	
4,979.00	70.02	85.85	-1,361.65	4,851.65	13.70 S	321.28 E	719,098.70	462,956.48	15.03	321.36	
5,010.00	73.50	85.98	-1,371.35	4,861.35	11.60 S	350.65 E	719,100.80	462,985.85	11.23	350.71	
5,042.00	77.92	86.57	-1,379.25	4,869.25	9.59 S	381.58 E	719,102.81	463,016.78	13.93	381.63	
5,074.00	81.21	87.55	-1,385.04	4,875.04	7.98 S	413.01 E	719,104.42	463,048.21	10.71	413.05	
5,106.00	85.10	88.32	-1,388.86	4,878.86	6.84 S	444.75 E	719,105.56	463,079.95	12.39	444.79	
5,138.00	88.21	89.10	-1,390.72	4,880.72	6.12 S	476.69 E	719,106.28	463,111.89	10.02	476.71	
5,170.00	89.88	89.92	-1,391.26	4,881.26	5.84 S	508.68 E	719,106.56	463,143.88	5.81	508.70	
5,202.00	90.49	90.52	-1,391.15	4,881.15	5.97 S	540.68 E	719,106.43	463,175.88	2.67	540.70	
5,266.00	88.43	89.32	-1,391.76	4,881.76	5.88 S	604.67 E	719,106.52	463,239.87	3.72	604.70	
5,329.00	86.95	89.82	-1,394.30	4,884.30	5.40 S	667.62 E	719,107.00	463,302.82	2.48	667.64	
5,394.00	87.07	90.04	-1,397.69	4,887.69	5.32 S	732.53 E	719,107.08	463,367.73	0.39	732.55	
5,458.00	87.93	89.85	-1,400.48	4,890.48	5.26 S	796.47 E	719,107.14	463,431.67	1.38	796.48	

HALLIBURTON**Survey Report for Personally 1525-33 #1 - Survey #1**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
5,490.00	88.02	89.91	-1,401.61	4,891.61	5.20 S	828.45 E	719,107.20	463,463.65	0.34	828.46	
5,553.00	88.45	90.61	-1,403.55	4,893.55	5.48 S	891.42 E	719,106.92	463,526.62	1.30	891.43	
5,617.00	88.36	90.68	-1,405.33	4,895.33	6.20 S	955.39 E	719,106.20	463,590.59	0.18	955.41	
5,679.00	88.83	90.45	-1,406.85	4,896.85	6.81 S	1,017.37 E	719,105.59	463,652.57	0.84	1,017.39	
5,709.00	89.23	90.44	-1,407.36	4,897.36	7.05 S	1,047.36 E	719,105.35	463,682.56	1.33	1,047.38	
5,771.00	89.08	90.31	-1,408.27	4,898.27	7.45 S	1,109.35 E	719,104.95	463,744.55	0.32	1,109.38	
5,833.00	88.55	89.88	-1,409.55	4,899.55	7.56 S	1,171.34 E	719,104.84	463,806.54	1.10	1,171.36	
5,894.00	89.60	89.64	-1,410.54	4,900.54	7.30 S	1,232.33 E	719,105.10	463,867.53	1.77	1,232.35	
5,956.00	89.54	89.53	-1,411.00	4,901.00	6.85 S	1,294.33 E	719,105.55	463,929.53	0.20	1,294.34	
6,018.00	89.47	89.59	-1,411.54	4,901.54	6.37 S	1,356.32 E	719,106.03	463,991.52	0.15	1,356.34	
6,111.00	89.48	89.76	-1,412.39	4,902.39	5.85 S	1,449.32 E	719,106.55	464,084.52	0.18	1,449.33	
6,203.00	89.35	89.70	-1,413.33	4,903.33	5.41 S	1,541.31 E	719,106.99	464,176.51	0.16	1,541.32	
6,296.00	90.06	89.44	-1,413.81	4,903.81	4.72 S	1,634.31 E	719,107.68	464,269.51	0.81	1,634.31	
6,390.00	88.33	88.84	-1,415.13	4,905.13	3.30 S	1,728.28 E	719,109.10	464,363.48	1.95	1,728.27	
6,483.00	88.09	89.67	-1,418.04	4,908.04	2.10 S	1,821.23 E	719,110.30	464,456.43	0.93	1,821.21	
6,576.00	89.82	90.81	-1,419.73	4,909.73	2.49 S	1,914.21 E	719,109.91	464,549.41	2.23	1,914.19	
6,669.00	89.69	90.70	-1,420.13	4,910.13	3.71 S	2,007.20 E	719,108.69	464,642.40	0.18	2,007.19	
6,764.00	88.77	90.49	-1,421.41	4,911.41	4.70 S	2,102.18 E	719,107.70	464,737.38	0.99	2,102.18	
6,860.00	87.99	89.90	-1,424.12	4,914.12	5.02 S	2,198.14 E	719,107.38	464,833.34	1.02	2,198.14	
6,955.00	89.48	90.78	-1,426.22	4,916.22	5.59 S	2,293.11 E	719,106.81	464,928.31	1.82	2,293.11	
7,051.00	89.85	89.92	-1,426.78	4,916.78	6.17 S	2,389.11 E	719,106.23	465,024.31	0.98	2,389.11	
7,146.00	89.57	88.33	-1,427.26	4,917.26	4.72 S	2,484.09 E	719,107.68	465,119.29	1.70	2,484.08	
7,241.00	88.52	86.17	-1,428.84	4,918.84	0.17 S	2,578.96 E	719,112.23	465,214.16	2.53	2,578.92	
7,337.00	88.64	89.08	-1,431.22	4,921.22	3.81 N	2,674.84 E	719,116.21	465,310.04	3.03	2,674.78	
7,432.00	89.88	91.96	-1,432.45	4,922.45	2.95 N	2,769.82 E	719,115.35	465,405.02	3.30	2,769.76	
7,528.00	91.20	92.45	-1,431.55	4,921.55	0.75 S	2,865.74 E	719,111.65	465,500.94	1.47	2,865.70	
7,560.00	91.14	92.42	-1,430.89	4,920.89	2.11 S	2,897.71 E	719,110.29	465,532.91	0.21	2,897.67	
7,623.00	91.08	91.93	-1,429.67	4,919.67	4.50 S	2,960.65 E	719,107.90	465,595.85	0.78	2,960.63	
7,719.00	91.73	92.21	-1,427.32	4,917.32	7.96 S	3,056.56 E	719,104.44	465,691.76	0.74	3,056.55	
7,782.00	88.58	89.51	-1,427.15	4,917.15	8.91 S	3,119.53 E	719,103.49	465,754.73	6.59	3,119.54	
7,846.00	87.56	89.67	-1,429.30	4,919.30	8.45 S	3,183.50 E	719,103.95	465,818.70	1.61	3,183.49	
7,910.00	87.69	89.85	-1,431.96	4,921.96	8.18 S	3,247.44 E	719,104.22	465,882.64	0.35	3,247.44	
8,005.00	88.58	90.66	-1,435.05	4,925.05	8.61 S	3,342.39 E	719,103.79	465,977.59	1.27	3,342.38	
8,101.00	90.71	92.32	-1,435.64	4,925.64	11.10 S	3,438.34 E	719,101.30	466,073.54	2.81	3,438.35	
8,165.00	90.92	92.14	-1,434.73	4,924.73	13.59 S	3,502.29 E	719,098.81	466,137.49	0.43	3,502.31	
8,197.00	91.54	91.18	-1,434.04	4,924.04	14.52 S	3,534.27 E	719,097.88	466,169.47	3.57	3,534.29	
8,292.00	91.02	90.52	-1,431.92	4,921.92	15.93 S	3,629.23 E	719,096.47	466,264.43	0.88	3,629.26	
8,388.00	85.65	87.64	-1,434.71	4,924.71	14.39 S	3,725.13 E	719,098.01	466,360.33	6.35	3,725.16	
8,420.00	85.40	87.67	-1,437.21	4,927.21	13.08 S	3,757.01 E	719,099.32	466,392.21	0.79	3,757.02	

Survey Report for Personallly 1525-33 #1 - Survey #1

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD below System (ft)	Vertical Depth (ft)	Local Coordinates		Map Coordinates		Dogleg Rate (°/100ft)	Vertical Section (ft)	Comments
					Northing (ft)	Easting (ft)	Northing (ft)	Easting (ft)			
8,452.00	85.83	88.15	-1,439.65	4,929.65	11.92 S	3,788.90 E	719,100.48	466,424.10	2.01	3,788.90	
8,484.00	86.80	89.86	-1,441.71	4,931.71	11.37 S	3,820.82 E	719,101.03	466,456.02	6.13	3,820.83	
8,515.00	87.63	90.61	-1,443.22	4,933.22	11.49 S	3,851.79 E	719,100.91	466,486.99	3.61	3,851.79	
8,611.00	88.36	90.40	-1,446.58	4,936.58	12.34 S	3,947.72 E	719,100.06	466,582.92	0.79	3,947.73	
8,643.00	88.40	90.32	-1,447.48	4,937.48	12.54 S	3,979.71 E	719,099.86	466,614.91	0.28	3,979.72	
8,674.00	88.12	90.07	-1,448.42	4,938.42	12.65 S	4,010.69 E	719,099.75	466,645.89	1.21	4,010.70	
8,770.00	87.87	88.75	-1,451.78	4,941.78	11.66 S	4,106.63 E	719,100.74	466,741.83	1.40	4,106.63	
8,865.00	91.08	91.17	-1,452.65	4,942.65	11.59 S	4,201.60 E	719,100.81	466,836.80	4.23	4,201.60	
8,968.00	90.86	90.95	-1,450.91	4,940.91	13.50 S	4,304.57 E	719,098.90	466,939.77	0.30	4,304.58	Last MWD Survey
9,031.46	90.86	90.95	-1,449.96	4,939.96	14.55 S	4,368.01 E	719,097.85	467,003.21	0.00	4,368.02	PBHL (052407)
9,040.00	90.86	90.95	-1,449.83	4,939.83	14.69 S	4,376.55 E	719,097.71	467,011.75	0.00	4,376.57	Projection to TD

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
4,329.45	4,329.07	22.19	24.01	Last Gyro
8,968.00	4,940.91	-13.50	4,304.57	Last MWD Survey
9,040.00	4,939.83	-14.69	4,376.55	Projection to TD

Vertical Section Information

Angle Type	Target	Azimuth (°)	Origin Type	Origin		Start TVD (ft)
				+N/-S (ft)	+E/-W (ft)	
User	No Target (Freehand)	90.32	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
100.00	9,040.00	Survey #1	MWD

HALLIBURTON**Survey Report for Personally 1525-33 #1 - Survey #1**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 (052407)	0.00	360.00	4,950.20	-24.50	4,368.00	719,087.90	467,003.20	32° 58' 36.467 N	04° 26' 27.358 W
- survey misses by 14.28ft at 9031.46ft MD (4939.96 TVD, -14.55 N, 4368.01 E)									
- Point									
LP (052407)	0.00	0.00	4,882.40	25.78	513.54	719,138.18	463,148.74	32° 58' 36.924 N	04° 27' 12.607 W
- survey misses by 31.64ft at 5174.73ft MD (4881.26 TVD, -5.84 N, 513.41 E)									
- Point									

HALLIBURTON**North Reference Sheet for Sec 33 T-15S R-25E - Personally 1525-33 #1 - Wellbore #1**

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to Gnd North Reference.

Vertical Depths are relative to WELL @ 3490.00ft (Original Well Elev). Northing and Easting are relative to Personally 1525-33 #1

Coordinate System is US State Plane 1927 (Exact solution), New Mexico East 3001 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Transverse Mercator (Gauss-Kruger)

Central Meridian is 104° 20' 0.000 W°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 0° 0' 0.000 N°

False Easting: 500,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99991069

Gnd Coordinates of Well: 719,112.40 ft N, 462,635.20 ft E

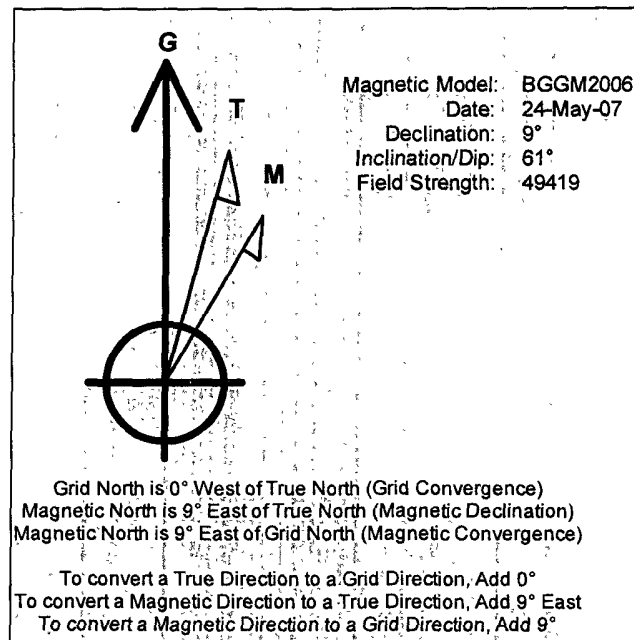
Geographical Coordinates of Well: 32° 58' 36.66" N, 104° 27' 18.63" W

Grid Convergence at Surface is 0°

Based upon Minimum Curvature type calculations, at a Measured Depth of 9,040.00ft

the Bottom Hole Displacement is 4,376.58ft in the Direction of 90.19° (Grid).

Magnetic Convergence at surface is -9° (24 May 2007, , BGGM2006)



A Gyrodata Directional Survey

**NOT DEFINITIVE
for**

PARALLEL PETROLEUM

Lease: PERSONALLY 1525-33 Well: # 1, 4-1/2 XH DRILLPIPE
Location: JW # 4, CHAVES COUNTY, NEW MEXICO

Job Number: MD0507GW199

Run Date: 5/28/2007 8:09:55 PM

Surveyor: JAMES KING

Calculation Method: MINIMUM CURVATURE

Survey Latitude: 32.976850 deg. N Longitude: 104.455175 deg. E

Azimuth Correction:

Gyro: 0.07000 deg East to Grid North

Vertical Section Calculated from Well Head Location

Closure Calculated from Well Head Location

Horizontal Coordinates Calculated from Well Head Location

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Lease: PERSONALLY 1525-33 Well: # 1, 4-1/2 XH DRILLPIPE

Location: JW # 4, CHAVES COUNTY, NEW MEXICO

Job Number: MD0507GW199

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
0.00	0.00	0.00	0.0	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 - 4329 FT RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4-1/2 DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO JW DRILLING # 4 RKB (+13 FT)							

100.00	0.81	19.68	0.7	0.81	100.00	0.7 19.7	0.67 N 0.24 E
150.00	1.03	26.48	1.4	0.49	149.99	1.5 21.7	1.40 N 0.56 E
200.00	0.92	28.72	2.2	0.22	199.98	2.4 23.8	2.16 N 0.95 E
250.00	1.09	26.31	2.9	0.34	249.98	3.2 24.8	2.94 N 1.36 E
300.00	0.96	43.21	3.7	0.66	299.97	4.1 26.8	3.67 N 1.85 E
350.00	0.86	54.11	4.2	0.40	349.96	4.9 30.2	4.19 N 2.44 E
400.00	0.72	57.29	4.6	0.29	399.96	5.5 33.3	4.58 N 3.01 E
450.00	0.60	45.78	4.9	0.37	449.95	6.0 35.1	4.94 N 3.47 E
500.00	0.60	43.56	5.3	0.05	499.95	6.5 35.8	5.31 N 3.83 E
550.00	0.39	30.54	5.6	0.48	549.95	7.0 36.0	5.64 N 4.10 E
600.00	0.32	56.58	5.9	0.34	599.95	7.3 36.3	5.86 N 4.30 E
650.00	0.31	42.37	6.0	0.16	649.95	7.5 36.7	6.04 N 4.51 E
700.00	0.36	83.70	6.2	0.48	699.95	7.8 37.7	6.16 N 4.76 E
750.00	0.70	92.87	6.2	0.70	749.94	8.1 40.3	6.16 N 5.22 E
800.00	0.60	95.71	6.1	0.22	799.94	8.4 43.4	6.12 N 5.79 E
850.00	0.77	99.80	6.0	0.36	849.94	8.8 46.6	6.03 N 6.38 E
900.00	1.18	96.37	5.9	0.83	899.93	9.3 50.7	5.92 N 7.22 E
950.00	1.32	97.57	5.8	0.29	949.92	10.1 55.1	5.79 N 8.30 E
1000.00	1.36	102.96	5.6	0.26	999.90	11.0 59.5	5.58 N 9.46 E
1050.00	1.11	98.58	5.4	0.53	1049.89	11.8 62.9	5.37 N 10.52 E

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Lease: PERSONALLY 1525-33 Well: # 1, 4-1/2 XH DRILLPIPE

Location: JW # 4, CHAVES COUNTY, NEW MEXICO

Job Number: MD0507GW199

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
1100.00	1.21	101.41	5.2	0.22	1099.88	12.6 65.7	5.19 N 11.51 E
1150.00	1.07	99.57	5.0	0.28	1149.87	13.5 68.1	5.01 N 12.49 E
1200.00	1.14	92.02	4.9	0.32	1199.86	14.3 69.9	4.92 N 13.45 E
1250.00	0.90	85.79	4.9	0.53	1249.85	15.2 71.0	4.93 N 14.33 E
1300.00	0.90	79.77	5.0	0.19	1299.85	15.9 71.6	5.03 N 15.11 E
1350.00	0.73	75.89	5.2	0.36	1349.84	16.6 71.9	5.17 N 15.80 E
1400.00	0.62	72.87	5.3	0.22	1399.84	17.2 72.0	5.33 N 16.36 E
1450.00	0.85	74.68	5.5	0.46	1449.84	17.9 72.0	5.51 N 16.98 E
1500.00	0.65	70.48	5.7	0.41	1499.83	18.5 72.1	5.70 N 17.61 E
1550.00	0.76	73.89	5.9	0.23	1549.83	19.1 72.1	5.89 N 18.19 E
1600.00	0.68	76.78	6.0	0.17	1599.82	19.7 72.2	6.05 N 18.80 E
1650.00	0.75	78.34	6.2	0.15	1649.82	20.4 72.3	6.18 N 19.41 E
1700.00	0.87	68.45	6.4	0.37	1699.82	21.1 72.4	6.39 N 20.09 E
1750.00	0.79	54.12	6.7	0.45	1749.81	21.8 72.0	6.73 N 20.72 E
1800.00	1.13	57.78	7.2	0.70	1799.80	22.6 71.4	7.19 N 21.42 E
1850.00	0.77	57.37	7.6	0.72	1849.80	23.4 70.9	7.64 N 22.12 E
1900.00	0.81	59.43	8.0	0.09	1899.79	24.1 70.6	8.00 N 22.71 E
1950.00	0.70	53.83	8.4	0.25	1949.79	24.7 70.2	8.36 N 23.26 E
2000.00	0.70	52.65	8.7	0.03	1999.78	25.3 69.8	8.73 N 23.75 E
2050.00	0.67	59.18	9.1	0.16	2049.78	25.9 69.5	9.06 N 24.24 E
2100.00	0.43	62.46	9.3	0.49	2099.78	26.4 69.3	9.30 N 24.66 E
2150.00	0.38	57.54	9.5	0.12	2149.78	26.7 69.2	9.47 N 24.96 E
2200.00	0.31	71.02	9.6	0.21	2199.77	27.0 69.2	9.60 N 25.23 E
2250.00	0.18	47.49	9.7	0.32	2249.77	27.2 69.1	9.70 N 25.42 E

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Lease: PERSONALLY 1525-33 Well: # 1, 4-1/2 XH DRILLPIPE

Location: JW # 4, CHAVES COUNTY, NEW MEXICO

Job Number: MD0507GW199

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2300.00	0.04	93.09	9.8	0.32	2299.77	27.3 69.1	9.76 N 25.49 E
2350.00	0.05	329.63	9.8	0.16	2349.77	27.3 69.0	9.78 N 25.50 E
2400.00	0.08	2.82	9.8	0.10	2399.77	27.3 68.9	9.83 N 25.49 E
2450.00	0.14	333.46	9.9	0.15	2449.77	27.3 68.7	9.92 N 25.46 E
2500.00	0.39	329.57	10.1	0.51	2499.77	27.3 68.2	10.12 N 25.35 E
2550.00	0.30	327.36	10.4	0.17	2549.77	27.2 67.6	10.38 N 25.19 E
2600.00	0.54	326.87	10.7	0.48	2599.77	27.2 66.8	10.69 N 24.99 E
2650.00	0.44	318.98	11.0	0.24	2649.77	27.1 66.0	11.03 N 24.74 E
2700.00	0.54	311.79	11.3	0.23	2699.77	26.9 65.1	11.34 N 24.43 E
2750.00	0.44	299.32	11.6	0.30	2749.77	26.7 64.3	11.59 N 24.09 E
2800.00	0.45	300.94	11.8	0.03	2799.76	26.5 63.6	11.78 N 23.75 E
2850.00	0.58	279.27	11.9	0.46	2849.76	26.2 62.9	11.92 N 23.34 E
2900.00	0.57	276.06	12.0	0.07	2899.76	25.8 62.3	11.99 N 22.85 E
2950.00	0.42	265.90	12.0	0.34	2949.76	25.4 61.8	12.00 N 22.42 E
3000.00	0.67	267.85	12.0	0.51	2999.76	25.0 61.4	11.98 N 21.94 E
3050.00	0.78	278.19	12.0	0.33	3049.75	24.5 60.6	12.01 N 21.31 E
3100.00	0.58	276.45	12.1	0.39	3099.75	24.0 59.7	12.09 N 20.72 E
3150.00	0.45	274.13	12.1	0.26	3149.75	23.6 59.1	12.13 N 20.27 E
3200.00	0.59	291.74	12.2	0.42	3199.74	23.3 58.3	12.24 N 19.84 E
3250.00	0.47	288.63	12.4	0.25	3249.74	23.0 57.4	12.40 N 19.40 E
3300.00	0.68	280.24	12.5	0.45	3299.74	22.7 56.5	12.52 N 18.92 E
3350.00	0.53	291.02	12.7	0.37	3349.74	22.3 55.5	12.66 N 18.42 E
3400.00	0.52	298.76	12.9	0.14	3399.73	22.1 54.5	12.85 N 18.00 E
3450.00	0.38	310.92	13.1	0.33	3449.73	22.0 53.5	13.06 N 17.68 E

A Gyrodata Directional Survey

PARALLEL PETROLEUM

Lease: PERSONALLY 1525-33 Well: # 1, 4-1/2 XH DRILLPIPE

Location: JW # 4, CHAVES COUNTY, NEW MEXICO

Job Number: MD0507GW199

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
3500.00	0.44	305.88	13.3	0.15	3499.73	21.9 52.6	13.29 N 17.40 E
3550.00	0.39	313.02	13.5	0.14	3549.73	21.8 51.7	13.52 N 17.12 E
3600.00	0.41	330.84	13.8	0.25	3599.73	21.8 50.8	13.79 N 16.90 E
3650.00	0.29	351.27	14.1	0.34	3649.73	21.9 50.1	14.07 N 16.80 E
3700.00	0.32	11.43	14.3	0.22	3699.73	22.1 49.6	14.33 N 16.81 E
3750.00	0.28	25.49	14.6	0.17	3749.73	22.3 49.2	14.57 N 16.89 E
3800.00	0.35	28.65	14.8	0.15	3799.73	22.6 48.9	14.82 N 17.01 E
3850.00	0.62	47.70	15.1	0.62	3849.72	23.0 48.8	15.13 N 17.29 E
3900.00	0.90	58.35	15.5	0.63	3899.72	23.6 48.9	15.52 N 17.82 E
3950.00	1.03	53.63	16.0	0.29	3949.71	24.5 49.2	16.00 N 18.52 E
4000.00	1.06	47.14	16.6	0.25	3999.70	25.4 49.2	16.58 N 19.22 E
4050.00	1.04	41.80	17.2	0.20	4049.70	26.3 49.1	17.23 N 19.86 E
4100.00	1.17	39.57	18.0	0.28	4099.69	27.2 48.8	17.96 N 20.49 E
4150.00	1.38	34.34	18.9	0.47	4149.67	28.3 48.3	18.85 N 21.15 E
4200.00	1.39	42.39	19.8	0.39	4199.66	29.5 47.9	19.79 N 21.89 E
4250.00	1.36	40.47	20.7	0.11	4249.65	30.7 47.6	20.69 N 22.69 E
4300.00	1.48	40.62	21.6	0.24	4299.63	31.9 47.4	21.63 N 23.49 E
4329.45	1.48	45.55	22.2	0.43	4329.07	32.7 47.3	22.18 N 24.01 E

Final Station Closure: Distance: 32.69 ft Az: 47.27 deg.