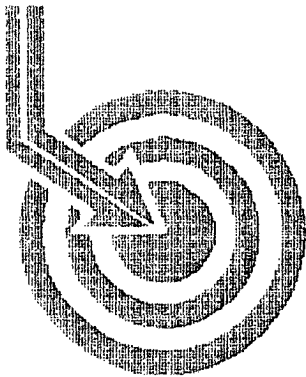




Scientific Drilling

SUR: I-31-19s-32e, 1980/S & 660/E
BHL: O-31-19s-32e, 1305/S & 1891/E
API # 30-025-20814

MARBOB ENERGY

Field: Wildcat
Site: ~~Eddy~~ ^{Lea} County, NM
Well: String Bean Fed Com #2
Wellpath: VH - Job #32K0206147
Survey: 02/25/06



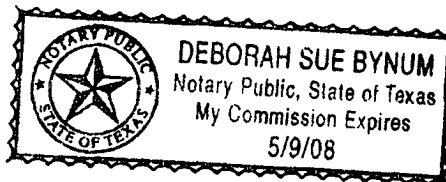
This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Chickerton..... Company Representative

Notorized this date 15th of May, 2006.

Deborah Sue Bynum
Notary Signature

County of Midland
State of Texas





Scientific Drilling International Survey Report

Company: MARBOB ENERGY	Date: 04/20/2006	Time: 09:59:05	Page: 1
Field: Wildcat	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: String Bean Fed Com #2	Section (VS) Reference:	Well (0.00N,0.00E,249.99Azi)	
Wellpath: VH - Job #32K0206147	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 02/25/06	Start Date: 02/25/2006
Company: Scientific Drilling Internatio	Engineer: Madrid w/Gray
Tool: Keeper,Keeper Gyro	Tied-to: From Surface

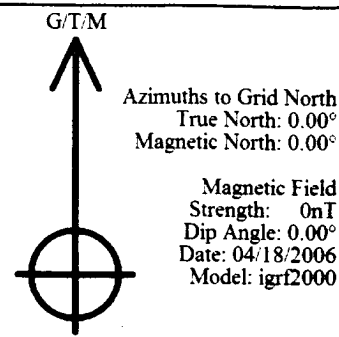
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.07	134.80	200.00	-0.05	-0.09	0.09	0.03	0.12	134.80
400.00	0.04	89.99	400.00	-0.17	-0.17	0.24	0.03	0.30	125.30
600.00	0.05	303.39	600.00	-0.18	-0.12	0.24	0.04	0.27	117.33
800.00	0.16	328.88	800.00	-0.08	0.16	0.02	0.06	0.16	8.02
1000.00	0.17	20.88	1000.00	-0.22	0.68	-0.02	0.07	0.68	358.68
1200.00	0.23	53.21	1200.00	-0.80	1.20	0.41	0.06	1.27	18.98
1400.00	0.25	77.84	1400.00	-1.61	1.53	1.16	0.05	1.92	37.17
1600.00	0.64	61.27	1599.99	-3.15	2.16	2.57	0.20	3.35	49.93
1800.00	0.76	54.26	1799.97	-5.53	3.47	4.62	0.07	5.78	53.10
2000.00	1.09	55.42	1999.95	-8.65	5.32	7.26	0.17	9.01	53.76
2200.00	1.63	72.02	2199.89	-13.33	7.28	11.54	0.33	13.64	57.74
2400.00	1.97	76.60	2399.79	-19.59	8.96	17.59	0.18	19.74	63.01
2600.00	1.90	83.69	2599.68	-26.23	10.12	24.23	0.12	26.25	67.33
2800.00	1.77	89.44	2799.58	-32.36	10.51	30.61	0.11	32.36	71.05
3000.00	2.33	90.23	2999.45	-39.09	10.53	37.76	0.28	39.20	74.42
3200.00	1.73	111.13	3199.32	-45.17	9.42	44.65	0.47	45.63	78.08
3400.00	3.14	126.81	3399.14	-50.45	5.05	51.85	0.77	52.09	84.44
3600.00	2.65	136.26	3598.89	-55.30	-1.57	59.43	0.34	59.45	91.51
3800.00	2.93	147.30	3798.65	-58.29	-9.21	65.39	0.30	66.03	98.02
4000.00	2.29	154.43	3998.44	-59.80	-17.12	69.87	0.36	71.94	103.77
4200.00	2.06	161.89	4198.30	-60.07	-24.14	72.72	0.18	76.62	108.37
4400.00	1.52	168.90	4398.20	-59.54	-30.16	74.34	0.29	80.23	112.08
4600.00	1.50	174.36	4598.13	-58.48	-35.37	75.11	0.07	83.02	115.21
4800.00	1.34	172.15	4798.07	-57.33	-40.29	75.69	0.08	85.74	118.03
5000.00	1.38	172.64	4998.01	-56.31	-44.99	76.32	0.02	88.59	120.52
5200.00	1.24	181.08	5197.96	-55.01	-49.55	76.58	0.12	91.21	122.90
5400.00	1.09	180.29	5397.92	-53.57	-53.61	76.53	0.08	93.44	125.01
5600.00	1.04	184.64	5597.89	-52.15	-57.32	76.38	0.05	95.50	126.89
5800.00	0.65	202.86	5797.86	-50.62	-60.18	75.79	0.23	96.78	128.45
6000.00	0.54	207.43	5997.85	-49.16	-62.06	74.91	0.06	97.28	129.64
6200.00	0.45	225.33	6197.85	-47.75	-63.45	73.92	0.09	97.42	130.64
6400.00	0.46	240.23	6397.84	-46.24	-64.40	72.67	0.06	97.10	131.55
6600.00	0.46	258.21	6597.83	-44.66	-64.96	71.18	0.07	96.37	132.38
6800.00	0.32	275.81	6797.83	-43.36	-65.07	69.84	0.09	95.46	132.97
7000.00	0.24	288.33	6997.83	-42.53	-64.88	68.89	0.05	94.63	133.28
7200.00	0.33	341.42	7197.82	-42.21	-64.20	68.31	0.13	93.74	133.23
7400.00	0.43	16.48	7397.82	-42.68	-62.94	68.34	0.12	92.90	132.64
7600.00	0.39	63.99	7597.81	-43.80	-61.92	69.16	0.17	92.83	131.84
7800.00	0.51	49.27	7797.81	-45.31	-61.04	70.45	0.08	93.21	130.91
8000.00	1.09	74.43	7997.79	-48.04	-59.95	72.96	0.33	94.43	129.41
8200.00	1.11	66.37	8197.75	-51.87	-58.66	76.56	0.08	96.45	127.46
8400.00	0.96	53.46	8397.72	-55.41	-56.89	79.68	0.14	97.91	125.52
8600.00	0.80	45.22	8597.70	-58.28	-54.91	82.02	0.10	98.70	123.80
8788.00	0.73	39.16	8785.68	-60.50	-53.05	83.71	0.06	99.11	122.37

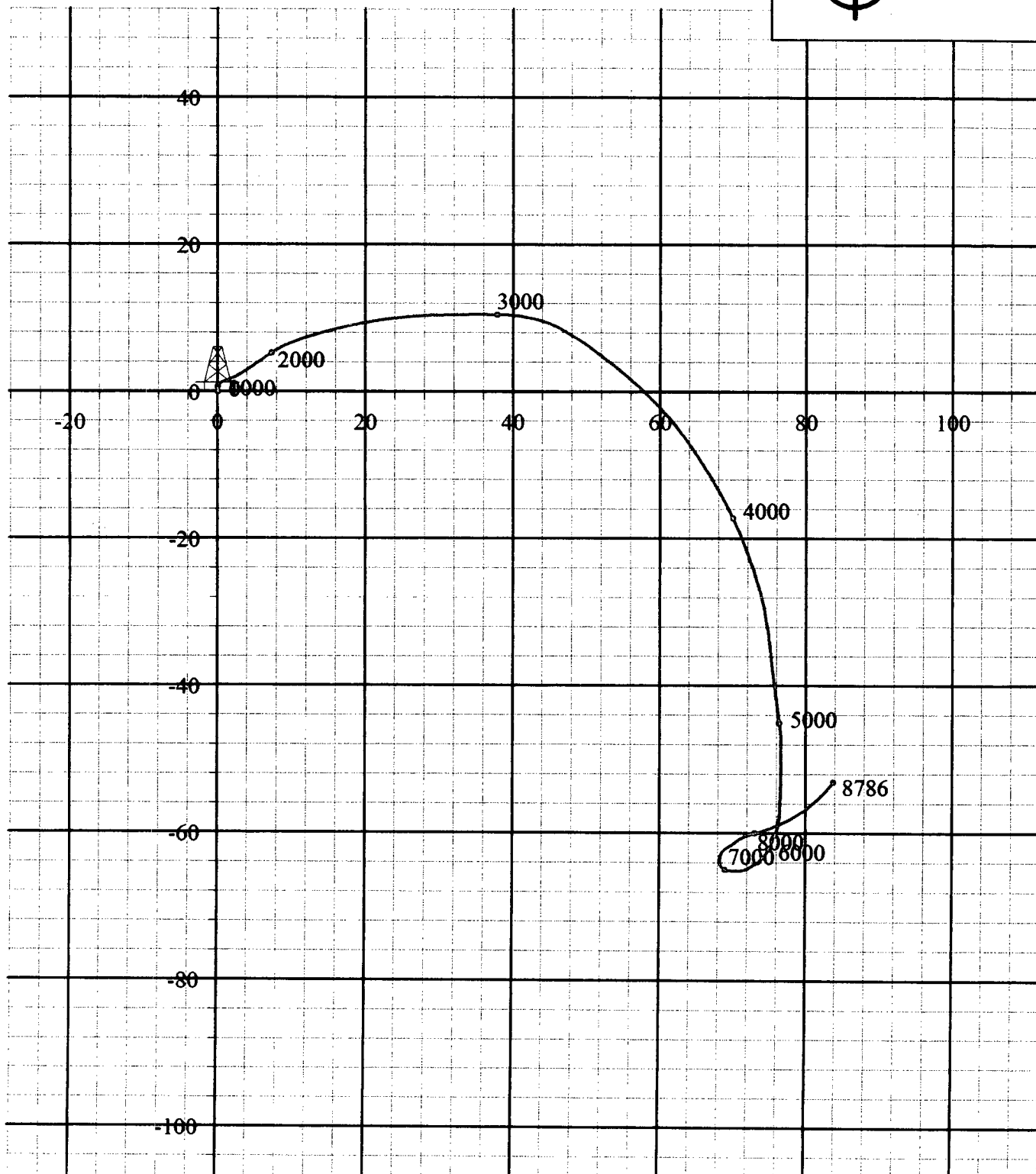


Scientific
Drilling

Field: Wildcat
Site: Eddy County, NM
Well: String Bean Fed Com #2
Wellpath: VH - Job #32K0206147
Survey: 02/25/06



South(-)/North(+) [20ft/in]



West(-)/East(+) [20ft/in]

PathFinder

Survey Report - Geographic

Company: Marbob Energy	Date: 3/29/2006	Time: 14:22:35	Page: 1
Field: Stringbean Fed Com #2-H	Co-ordinate(NE) Reference: Well: Stringbean Fed Com #2-H, True Nort		
Site: String Bean Fed COM #2	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Stringbean Fed Com #2-H	Section (VS) Reference: Well (0.00N,0.00E,242.99Azi)		
Wellpath: String Bean FED COM #2	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Stringbean Fed Com #2-H
Lea County, NM
USA

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: String Bean Fed COM #2
Section 31, T19S, R32E
1980' FSL - 660' FEL

Site Position:	Northing: 606304.47 ft	Latitude: 32 39 59.000 N
From: Geographic	Easting: 602577.51 ft	Longitude: 104 0 0.000 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 3526.00 ft		Grid Convergence: 0.18 deg

Well: Stringbean Fed Com #2-H

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 606304.47 ft	Latitude: 32 39 59.000 N
+E/-W 0.00 ft	Easting: 602577.51 ft	Longitude: 104 0 0.000 W
Position Uncertainty: 0.00 ft		

Wellpath: String Bean FED COM #2

Current Datum: SITE	Height 0.00 ft	Drilled From: Surface
Magnetic Data: 7/29/2004		Tie-on Depth: 0.00 ft
Field Strength: 49562 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S	Declination: 8.62 deg
ft	ft	Mag Dip Angle: 60.69 deg
		+E/-W
		ft
		Direction
		deg
0.00	0.00	0.00 242.99

Survey: Pathfinder MWD Survey

Start Date: 3/15/2006

Company: PathFinder Energy Services
Tool:

Engineer: Mark Gilaspic
Tied-to: From: Gyro Survey

Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
8800.00	0.67	39.21	8797.68	-65.13	74.71	606239.58	602652.42	32	39	58.355 N	103	59	59.126 W
8900.00	0.49	276.91	8897.67	-64.36	74.63	606240.35	602652.34	32	39	58.363 N	103	59	59.127 W
9000.00	3.47	237.82	8997.62	-65.61	72.19	606239.09	602649.90	32	39	58.351 N	103	59	59.156 W
9100.00	7.17	240.35	9097.16	-70.55	64.14	606234.12	602641.87	32	39	58.302 N	103	59	59.250 W
9200.00	9.57	245.22	9196.09	-77.11	51.16	606227.53	602628.91	32	39	58.237 N	103	59	59.402 W
9300.00	12.05	246.30	9294.33	-84.74	34.16	606219.84	602611.93	32	39	58.161 N	103	59	59.600 W
9400.00	15.44	246.43	9391.40	-94.22	12.17	606210.29	602589.98	32	39	58.068 N	103	59	59.858 W
9500.00	17.53	244.03	9487.29	-106.22	-13.51	606198.21	602564.34	32	39	57.949 N	104	0	0.158 W
9600.00	19.62	244.00	9582.05	-120.24	-42.19	606184.10	602535.69	32	39	57.810 N	104	0	0.494 W
9700.00	21.35	245.82	9675.72	-135.36	-73.76	606168.88	602504.17	32	39	57.661 N	104	0	0.863 W
9800.00	23.09	248.70	9768.29	-149.56	-108.82	606154.57	602469.16	32	39	57.520 N	104	0	1.273 W
9870.00	22.77	247.79	9832.61	-159.76	-134.49	606144.29	602443.53	32	39	57.419 N	104	0	1.573 W
9900.00	22.35	247.47	9860.32	-164.14	-145.10	606139.87	602432.93	32	39	57.376 N	104	0	1.697 W
10000.00	22.13	247.72	9952.80	-178.51	-180.33	606125.40	602397.74	32	39	57.234 N	104	0	2.110 W
10100.00	22.36	247.34	10045.67	-193.00	-214.46	606110.80	602363.66	32	39	57.090 N	104	0	2.509 W
10200.00	21.92	247.41	10138.03	-207.77	-249.83	606095.91	602328.33	32	39	56.944 N	104	0	2.923 W
10300.00	21.21	248.39	10231.34	-221.22	-283.19	606082.37	602295.02	32	39	56.811 N	104	0	3.313 W
10400.00	22.35	245.45	10324.23	-235.38	-317.40	606068.09	602260.85	32	39	56.671 N	104	0	3.713 W
10500.00	22.05	243.06	10416.65	-252.22	-351.66	606051.15	602226.64	32	39	56.504 N	104	0	4.114 W
10600.00	21.59	246.07	10509.46	-268.33	-385.23	606034.93	602193.13	32	39	56.345 N	104	0	4.506 W
10700.00	20.16	252.34	10602.87	-280.63	-418.72	606022.53	602159.67	32	39	56.223 N	104	0	4.898 W
10800.00	18.51	248.56	10697.38	-291.66	-449.45	606011.40	602128.97	32	39	56.114 N	104	0	5.258 W
10900.00	20.02	248.05	10791.85	-303.85	-479.88	605999.12	602098.58	32	39	55.993 N	104	0	5.614 W

PathFinder

Survey Report - Geographic

Company: Marbob Energy Field: Stringbean Fed Com #2-H Site: String Bean Fed COM #2 Well: Stringbean Fed Com #2-H Wellpath: String Bean FED COM #2	Date: 3/29/2006 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:	Time: 14:22:35 Well: Stringbean Fed Com #2-H, True Nort System: Mean Sea Level Well (0.00N,0.00E,242.99Azi) Minimum Curvature	Page: 2 Db: Sybase
--	--	--	-------------------------------------

Survey: Pathfinder MWD Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
11000.00	21.49	255.68	10885.24	-315.79	-513.54	605987.07	602064.97	32	39	55.875 N	104	0	6.007 W
11100.00	19.19	250.03	10978.96	-325.70	-546.94	605977.06	602031.59	32	39	55.777 N	104	0	6.398 W
11200.00	20.15	243.15	11073.16	-339.08	-577.70	605963.58	602000.88	32	39	55.645 N	104	0	6.758 W
11300.00	20.76	241.80	11166.48	-356.31	-609.21	605946.25	601969.42	32	39	55.474 N	104	0	7.127 W
11400.00	21.46	245.68	11260.03	-371.62	-641.05	605930.84	601937.62	32	39	55.323 N	104	0	7.499 W
11500.00	25.06	241.32	11352.02	-389.31	-675.98	605913.04	601902.76	32	39	55.147 N	104	0	7.908 W
11600.00	28.59	240.98	11441.01	-411.33	-715.87	605890.89	601862.93	32	39	54.930 N	104	0	8.374 W
11700.00	28.44	240.11	11528.80	-435.14	-757.43	605866.96	601821.45	32	39	54.694 N	104	0	8.861 W
11800.00	27.16	241.10	11617.22	-457.80	-798.26	605844.17	601780.69	32	39	54.470 N	104	0	9.338 W
11900.00	26.23	240.44	11706.46	-480.06	-837.52	605821.78	601741.50	32	39	54.249 N	104	0	9.798 W
12000.00	23.84	242.24	11796.95	-500.48	-874.85	605801.25	601704.24	32	39	54.047 N	104	0	10.234 W
12100.00	20.56	244.48	11889.51	-517.49	-908.60	605784.14	601670.54	32	39	53.879 N	104	0	10.629 W
12200.00	18.29	244.01	11983.89	-531.64	-938.47	605769.89	601640.72	32	39	53.739 N	104	0	10.978 W
12300.00	18.12	244.08	12079.07	-545.30	-965.94	605756.14	601613.29	32	39	53.604 N	104	0	11.300 W
12400.00	19.10	245.93	12173.64	-558.73	-995.51	605742.62	601583.76	32	39	53.471 N	104	0	11.646 W
12500.00	17.50	244.40	12268.61	-571.78	-1023.96	605729.48	601555.35	32	39	53.342 N	104	0	11.978 W
12600.00	16.82	242.43	12364.20	-585.03	-1050.16	605716.15	601529.19	32	39	53.211 N	104	0	12.285 W
12700.00	16.57	242.29	12459.98	-598.42	-1075.62	605702.68	601503.78	32	39	53.078 N	104	0	12.583 W
12800.00	16.22	242.69	12555.91	-611.45	-1100.65	605689.56	601478.79	32	39	52.949 N	104	0	12.876 W
12900.00	15.86	243.11	12652.02	-624.04	-1125.24	605676.90	601454.23	32	39	52.825 N	104	0	13.163 W
13000.00	15.51	243.55	12748.30	-636.17	-1149.40	605664.69	601430.12	32	39	52.705 N	104	0	13.446 W
13100.00	14.92	244.01	12844.78	-647.79	-1172.98	605653.00	601406.57	32	39	52.590 N	104	0	13.722 W
13157.10	14.53	244.30	12900.00	-654.12	-1186.04	605646.63	601393.53	32	39	52.527 N	104	0	13.874 W
13200.00	14.24	244.52	12941.56	-658.72	-1195.65	605642.00	601383.93	32	39	52.481 N	104	0	13.987 W
13300.00	13.56	246.00	13038.63	-668.79	-1217.46	605631.86	601362.15	32	39	52.382 N	104	0	14.242 W

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<--- Latitude ---> Deg Min Sec			<--- Longitude ---> Deg Min Sec		
Target @ 12900' TVD			12900.00	-660.00	-1295.00	605640.41	601284.59	32	39	52.469 N	104	0	15.149 W

Annotation

MD ft	TVD ft	
9100.00	9097.16	KOP @ 9100' MD
9870.00	9832.61	End Of Build @ 9870' MD 23.09° INC