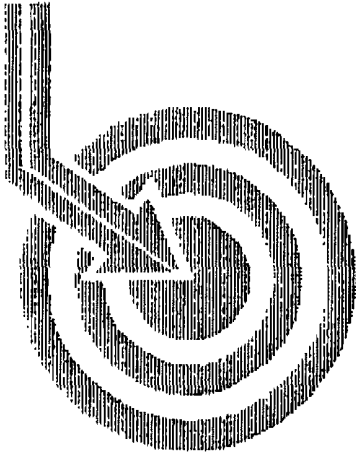


APR 05 2010



Scientific Drilling

MARBOB ENERGY

Field: Brushy Draw
Site: Eddy County, NM
Well: Ocho Cinco Federal Com #1H 30-015-37614
Wellpath: VH - Job #32K0310176
Survey: 03/15/10

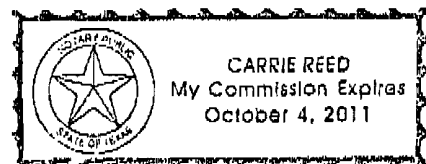
Accepted for record
NMOCDD

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

[Signature]
Company Representative

Notarized this date 3rd of March, 2010.

[Signature]
Notary Signature
County of Midland
State of Texas





Scientific Drilling International, Inc.

Survey Report

Company: MARBOB ENERGY Date: 3/16/2010 Time: 11:34:17 Page: 1
 Field: Brushy Draw Co-ordinate(NE) Reference: Site, Eddy County, NM, Grid North
 Site: Eddy County, NM Vertical (TVD) Reference: SITE 0.0
 Well: Ocho Cinco Federal Com #1H Section (VS) Reference: Well (0.00N,0.00E,271.04Azi)
 Wellpath: VH - Job #32K0310176 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: 03/15/10 Start Date: 3/15/2010
 KSRG 0'-10070'

Company: Scientific Drilling International Engineer: Garza/Rowe/Renteria
 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
0.0	0.00	0.18	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.36	223.95	100.0	0.2	-0.2	-0.2	0.36	0.3	223.95
200.0	0.61	194.88	200.0	0.6	-1.0	-0.6	0.34	1.1	210.64
300.0	0.66	199.69	300.0	0.9	-2.0	-0.9	0.07	2.2	204.06
400.0	0.61	204.77	400.0	1.3	-3.0	-1.3	0.08	3.3	203.42
500.0	0.65	224.38	500.0	1.9	-3.9	-1.9	0.22	4.4	206.23
600.0	0.63	218.03	600.0	2.6	-4.8	-2.7	0.07	5.5	209.26
700.0	0.72	222.48	700.0	3.3	-5.7	-3.4	0.10	6.6	211.22
800.0	0.57	236.61	800.0	4.2	-6.4	-4.3	0.22	7.7	213.72
900.0	0.30	250.61	900.0	4.8	-6.8	-4.9	0.29	8.4	216.12
1000.0	0.54	253.61	1000.0	5.5	-7.0	-5.6	0.24	9.0	218.90
1100.0	1.15	277.65	1099.9	7.0	-7.0	-7.1	0.69	10.0	225.39
1200.0	1.20	280.38	1199.9	9.0	-6.7	-9.1	0.08	11.3	233.80
1300.0	1.33	300.89	1299.9	11.0	-5.9	-11.1	0.47	12.6	242.15
1400.0	1.38	303.72	1399.9	13.0	-4.6	-13.1	0.08	13.9	250.63
1500.0	1.34	301.91	1499.8	15.1	-3.3	-15.1	0.06	15.5	257.58
1600.0	1.70	301.40	1599.8	17.3	-1.9	-17.4	0.36	17.5	263.63
1700.0	2.17	305.48	1699.7	20.2	-0.1	-20.2	0.49	20.2	269.80
1800.0	2.49	320.20	1799.7	23.2	2.7	-23.1	0.68	23.3	276.65
1900.0	2.44	328.15	1899.6	25.7	6.2	-25.6	0.35	26.4	283.54
2000.0	2.65	337.99	1999.5	27.8	10.1	-27.6	0.48	29.4	290.13
2100.0	2.82	343.54	2099.4	29.5	14.6	-29.2	0.31	32.7	296.62
2200.0	2.86	348.91	2199.2	30.7	19.4	-30.4	0.27	36.1	302.62
2300.0	2.20	10.99	2299.1	30.9	23.8	-30.5	1.17	38.7	307.94
2400.0	2.58	18.24	2399.1	29.9	27.8	-29.4	0.48	40.5	313.37
2500.0	1.96	38.92	2499.0	28.2	31.3	-27.6	1.02	41.7	318.52
2600.0	1.81	52.94	2598.9	25.9	33.5	-25.3	0.48	42.0	322.97
2700.0	1.53	66.67	2698.9	23.4	35.0	-22.8	0.49	41.8	326.92
2800.0	1.27	78.28	2798.9	21.1	35.8	-20.5	0.38	41.2	330.18
2900.0	0.77	87.31	2898.8	19.4	36.0	-18.7	0.52	40.6	332.51
3000.0	0.55	81.81	2998.8	18.3	36.1	-17.6	0.23	40.2	334.03
3100.0	0.30	67.40	3098.8	17.5	36.3	-16.9	0.27	40.0	335.06
3200.0	0.27	75.32	3198.8	17.1	36.5	-16.4	0.05	40.0	335.76
3300.0	0.19	53.18	3298.8	16.7	36.6	-16.1	0.12	40.0	336.33
3400.0	0.19	354.16	3398.8	16.6	36.9	-15.9	0.19	40.2	336.63
3500.0	0.41	317.04	3498.8	16.9	37.3	-16.2	0.28	40.7	336.53
3600.0	0.52	312.47	3598.8	17.5	37.9	-16.8	0.12	41.4	336.11
3700.0	0.58	287.42	3698.8	18.3	38.3	-17.6	0.25	42.2	335.35
3800.0	0.65	281.61	3798.8	19.3	38.6	-18.6	0.09	42.9	334.23
3900.0	0.62	287.83	3898.8	20.4	38.9	-19.7	0.08	43.6	333.13
4000.0	0.62	299.81	3998.8	21.4	39.3	-20.7	0.13	44.4	332.25
4100.0	0.77	295.61	4098.8	22.5	39.9	-21.8	0.16	45.4	331.37
4200.0	0.82	299.17	4198.8	23.7	40.5	-23.0	0.07	46.6	330.42
4300.0	0.77	298.51	4298.8	25.0	41.2	-24.2	0.05	47.8	329.55
4400.0	0.79	309.48	4398.8	26.1	41.9	-25.3	0.15	49.0	328.87
4500.0	0.94	302.19	4498.8	27.3	42.8	-26.6	0.19	50.4	328.19
4600.0	1.00	306.41	4598.7	28.7	43.8	-28.0	0.09	51.9	327.44
4700.0	0.97	307.68	4698.7	30.1	44.8	-29.3	0.04	53.6	326.80
4800.0	1.01	317.32	4798.7	31.4	46.0	-30.6	0.17	55.2	326.36



Scientific Drilling International, Inc.

Survey Report

Company: MARBOB ENERGY
 Field: Brushy Draw
 Site: Eddy County, NM
 Well: Ocho Cinco Federal Com #1H
 Wellpath: VH - Job #32K0310176

Date: 3/16/2010 Time: 11:34:17 Page: 2
 Co-ordinate(NE) Reference: Site: Eddy County, NM, Grid North
 Vertical (TYD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,271.04Azi)
 Survey Calculation Method: Minimum Curvature Db: Sybase

Survey

MD ft	Incl deg	Azlm deg	TYD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.0	0.84	311.72	4898.7	32.6	47.1	-31.7	0.19	56.8	326.03
5000.0	0.53	279.50	4998.7	33.6	47.7	-32.7	0.48	57.8	325.52
5100.0	0.85	261.92	5098.7	34.8	47.6	-33.9	0.38	58.5	324.54
5200.0	1.00	261.27	5198.7	36.4	47.4	-35.5	0.15	59.2	323.15
5300.0	1.37	260.74	5298.6	38.4	47.1	-37.6	0.37	60.2	321.41
5400.0	1.76	251.52	5398.6	41.0	46.4	-40.2	0.46	61.4	319.09
5500.0	1.80	248.63	5498.6	43.9	45.3	-43.1	0.10	62.6	316.44
5600.0	1.82	245.47	5598.5	46.8	44.1	-46.0	0.10	63.8	313.78
5700.0	1.80	242.86	5698.5	49.6	42.7	-48.9	0.08	64.9	311.17
5800.0	1.86	241.43	5798.4	52.4	41.2	-51.7	0.08	66.1	308.58
5900.0	1.99	236.93	5898.4	55.3	39.5	-54.6	0.23	67.4	305.90
6000.0	2.02	236.55	5998.3	58.1	37.6	-57.5	0.04	68.7	303.16
6100.0	2.10	237.48	6098.2	61.1	35.6	-60.5	0.09	70.2	300.48
6200.0	1.90	235.82	6198.2	64.0	33.7	-63.4	0.21	71.8	297.98
6300.0	2.02	234.96	6298.1	66.8	31.7	-66.2	0.12	73.4	295.61
6400.0	1.92	239.52	6398.0	69.6	29.9	-69.1	0.19	75.3	293.38
6500.0	1.80	242.81	6498.0	72.4	28.3	-71.9	0.16	77.3	291.48
6600.0	1.84	238.29	6597.9	75.2	26.7	-74.7	0.15	79.4	289.70
6700.0	1.83	223.56	6697.9	77.6	24.7	-77.2	0.47	81.0	287.78
6800.0	1.78	221.30	6797.8	79.7	22.4	-79.3	0.09	82.4	285.79
6900.0	1.20	241.78	6897.8	81.6	20.8	-81.2	0.78	83.9	284.33
7000.0	1.18	244.39	6997.8	83.4	19.8	-83.1	0.06	85.4	283.42
7100.0	1.48	251.70	7097.8	85.6	19.0	-85.2	0.33	87.3	282.55
7200.0	1.65	241.45	7197.7	88.0	17.9	-87.7	0.34	89.5	281.53
7300.0	1.92	238.52	7297.7	90.7	16.3	-90.4	0.28	91.9	280.24
7400.0	1.78	231.26	7397.6	93.3	14.5	-93.0	0.27	94.2	278.85
7500.0	2.02	224.00	7497.6	95.7	12.2	-95.5	0.34	96.3	277.30
7600.0	1.86	227.40	7597.5	98.1	9.9	-97.9	0.20	98.4	275.76
7700.0	1.59	233.64	7697.5	100.3	8.0	-100.2	0.33	100.5	274.54
7800.0	1.84	247.69	7797.4	102.9	6.5	-102.8	0.49	103.0	273.63
7900.0	1.59	242.37	7897.4	105.6	5.3	-105.5	0.30	105.7	272.86
8000.0	1.72	245.78	7997.3	108.2	4.0	-108.1	0.16	108.2	272.12
8100.0	1.88	238.76	8097.3	110.9	2.5	-110.9	0.27	110.9	271.31
8200.0	1.49	243.44	8197.2	113.5	1.1	-113.5	0.41	113.5	270.56
8300.0	1.14	242.70	8297.2	115.5	0.1	-115.5	0.35	115.5	270.04
8400.0	1.03	246.87	8397.2	117.2	-0.7	-117.2	0.14	117.2	269.64
8500.0	0.80	245.51	8497.2	118.6	-1.4	-118.7	0.23	118.7	269.33
8600.0	0.88	237.17	8597.2	120.0	-2.1	-120.0	0.22	120.1	268.98
8700.0	2.03	243.41	8697.1	122.3	-3.4	-122.3	1.06	122.4	268.41
8800.0	2.29	244.93	8797.1	125.6	-5.0	-125.7	0.27	125.8	267.71
8900.0	2.88	253.86	8897.0	129.8	-6.6	-130.0	0.71	130.1	267.10
9000.0	2.70	254.05	8996.8	134.5	-7.9	-134.6	0.18	134.9	266.63
9100.0	2.28	255.17	9096.8	138.6	-9.1	-138.8	0.42	139.1	266.26
9200.0	1.87	254.97	9196.7	142.1	-10.0	-142.3	0.41	142.7	265.98
9300.0	1.49	251.21	9296.6	144.9	-10.8	-145.1	0.40	145.5	265.72
9400.0	1.19	237.34	9396.6	147.0	-11.8	-147.2	0.44	147.7	265.41
9500.0	1.09	206.98	9496.6	148.3	-13.2	-148.5	0.60	149.1	264.91
9600.0	1.06	198.19	9596.6	149.0	-15.0	-149.3	0.17	150.0	264.28
9700.0	0.99	183.10	9696.6	149.3	-16.7	-149.6	0.28	150.5	263.63
9800.0	1.30	186.47	9796.5	149.4	-18.7	-149.8	0.32	150.9	262.89
9900.0	1.69	186.27	9896.5	149.6	-21.3	-150.1	0.39	151.6	261.93
10000.0	2.74	190.15	9996.4	150.2	-25.1	-150.6	1.06	152.7	260.54

Scientific
Drilling**Scientific Drilling International, Inc.**
Survey Report

Company: MARBOB ENERGY	Date: 3/16/2010	Time: 11:34.17	Page: 3
Field: Brushy Draw	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Ocho Cinco Federal Com #1H	Section (VS) Reference:	Well (0.00N,0.00E,271.04Azi)	
Wellpath: VH - Job #32K0310176	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
10070.0	2.81	197.01	10066.4	150.9	-28.4	-151.4	0.48	154.1	259.38



Scientific
Drilling

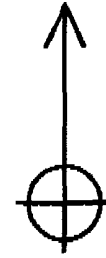
File #: Brushy Draw

Site: Eddy County, NM

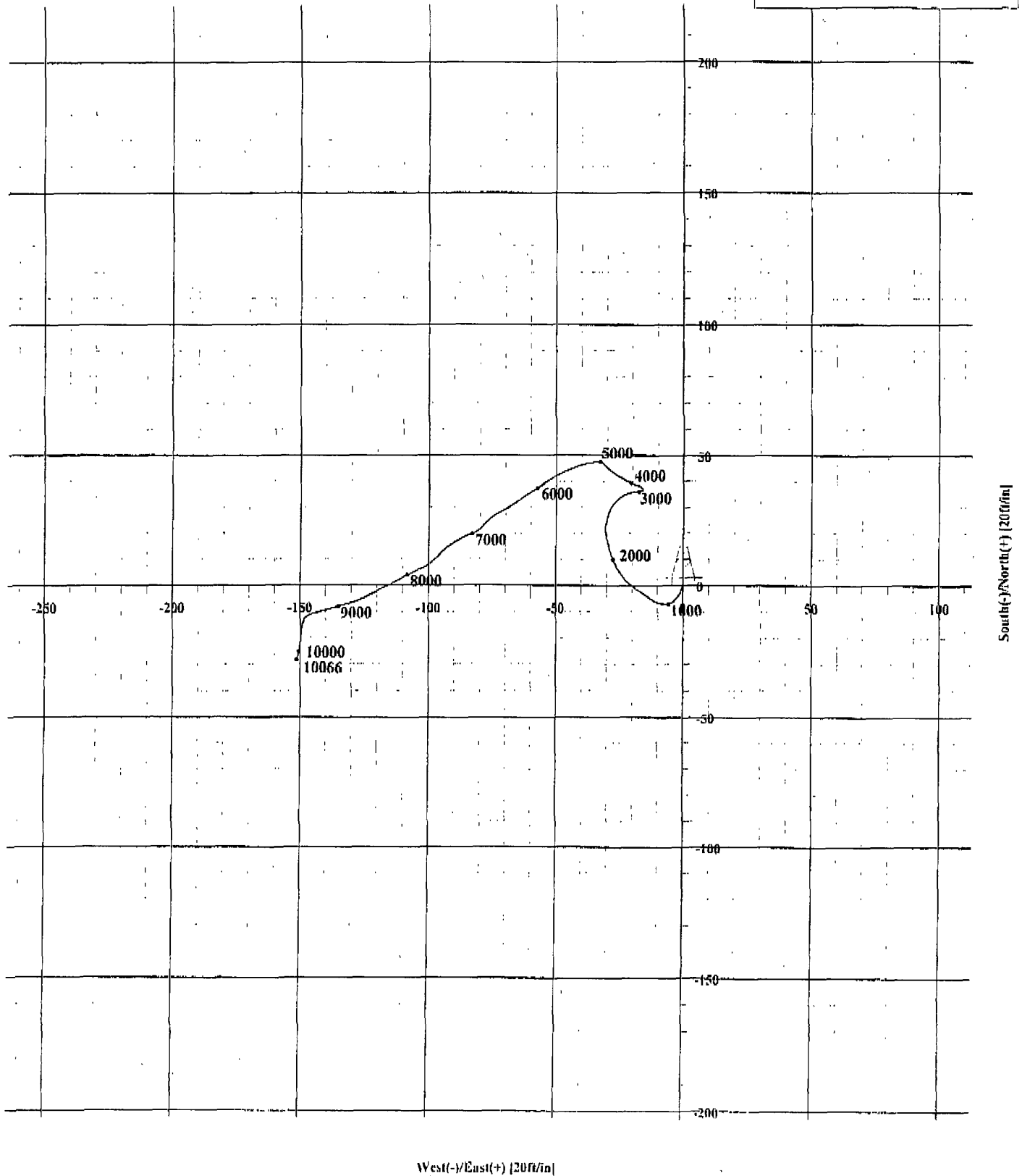
Well: Ocho Cinco Federal Com #1H

Survey: 03/15/10

G/T/M



Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°
Magnetic Field
Dip Angle: 0.00°
Date: 3/16/2010
Model: igr12000





SURVEY CALCULATION PROGRAM

v1.00.02

TARGET DETAILS

Supervisors:				TARGET N-S	Directional	
Ocho Cinco Fed Com #1H				TARGET E-W		
				TARGET RADIUS		
				TARGET DISPLACEMENT		
				TARGET CLOSURE		
				TARGET TVD	Horizontal	7280.00
				DIP AZ		270.92
				DIP DEG UP+/DN-		0.48
				TARGET INCLINATION		90.45

DATE: 03/25/10

TIME: 1:13 PM

MINIMUM CURVATURE CALCULATIONS(SPE-3362)

PROPOSED DIRECTION

271.04

TARGET TRACKING TO CENTER

SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/ 100	TARGET TRACKING TO CENTER		CLOSURE DIR (DEG AZ)	CLOSURE DISTANCE (FEET)	BUILD RATE/ °/100'	WALK RATE/ °/100'
									ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)				
Tie	6700	1.8	223.6	6697.90	77.5	24.97	-77.04		581.44	23.57	287.96	80.99		
1	6747	1.9	222.8	6744.88	78.51	23.85	-78.09	0.16	534.45	22.43	286.99	81.65	0.15	-1.62
2	6779	5.5	255.2	6776.81	80.34	23.07	-79.93	12.58	502.51	21.62	286.10	83.19	11.25	101.25
3	6810	10.8	264.3	6807.48	84.65	22.40	-84.26	17.54	471.79	20.87	284.89	87.19	17.10	29.35
4	6842	16.0	265.5	6838.60	92.02	21.76	-91.64	16.27	440.61	20.09	283.36	94.19	16.25	3.75
5	6874	20.8	269.5	6868.96	102.10	21.36	-101.73	15.50	410.17	19.51	281.86	103.95	15.00	12.50
6	6905	25.7	273.7	6897.43	114.33	21.75	-113.95	16.68	381.59	19.68	280.81	116.01	15.81	13.55
7	6937	30.5	274.3	6925.65	129.37	22.81	-128.98	15.03	353.24	20.46	280.03	130.98	15.00	1.88
8	6969	33.7	273.2	6952.76	146.36	23.91	-145.95	10.17	325.99	21.26	279.31	147.89	10.00	-3.44
9	7000	36.3	271.2	6978.15	164.13	24.59	-163.71	9.17	300.45	21.61	278.54	165.55	8.39	-6.45
10	7032	38.9	269.0	7003.50	183.65	24.61	-183.23	9.14	274.93	21.28	277.65	184.88	8.13	-6.87
11	7054	41.8	267.9	7027.89	204.34	24.04	-203.94	9.33	250.37	20.34	276.72	205.35	9.06	-3.44
12	7096	45.0	268.3	7051.13	226.30	23.32	-225.91	10.04	226.93	19.21	275.89	227.11	10.00	1.25
13	7127	48.1	269.0	7072.45	248.78	22.79	-248.41	10.13	205.42	18.28	275.24	249.45	10.00	2.26
14	7159	50.5	268.9	7093.32	273.02	22.34	-272.66	7.50	184.35	17.39	274.68	273.57	7.50	-0.31
15	7190	52.8	268.2	7112.55	297.31	21.73	-296.96	7.63	164.91	16.33	274.18	297.76	7.42	-2.26
16	7222	55.3	268.0	7131.34	323.18	20.87	-322.85	7.83	145.90	15.00	273.70	323.52	7.81	-0.62
17	7254	57.9	267.5	7148.95	349.85	19.82	-349.54	8.23	128.06	13.47	273.24	350.10	8.12	-1.56
18	7286	60.3	267.1	7165.38	377.24	18.52	-376.97	7.58	111.39	11.68	272.81	377.42	7.50	-1.25
19	7317	63.0	267.0	7180.10	404.46	17.12	-404.21	8.71	96.44	9.78	272.42	404.57	8.71	-0.32
20	7349	65.6	267.1	7193.98	433.22	15.63	-433.01	8.13	82.32	7.77	272.07	433.29	8.13	0.31
21	7380	67.3	267.4	7206.36	461.57	14.27	-461.39	5.56	69.69	5.89	271.77	461.61	5.48	0.97
22	7412	68.8	268.7	7218.32	491.21	13.26	-491.05	6.01	57.48	4.35	271.55	491.23	4.69	4.06
23	7444	70.0	270.2	7229.58	521.15	12.98	-521.00	5.77	45.96	3.52	271.43	521.16	3.75	4.69
24	7476	72.7	271.2	7239.82	551.47	13.35	-551.32	8.94	35.47	3.34	271.39	551.48	8.44	3.13



SURVEY CALCULATION PROGRAM

v1.00.02

TARGET DETAILS

OPERATOR:	Marbob Exploration	Supervisors:		TARGET N-S	Directional	
WELL:	Ocho Cinco Fed Com #1H	Craig Hubar		TARGET E-W		
LOCATION:		J.Hargrove		TARGET RADIUS		
JOB NUMBER:	WT-10088	Joe Beal		TARGET DISPLACEMENT		
COMMENTS:		Nic Black		TARGET CLOSURE		
		MAG DEC.(-/+)	7.92	TARGET TVD	Horizontal	7280.00
		GRID CORR.(-/+)	-0.18	DIP AZ		270.92
		TOTAL CORR.(-/+)	7.74	DIP DEG UP+/DN-		0.49
DATE: 03/25/10		TIME: 1:13 PM		TARGET INCLINATION		90.45

MINIMUM CURVATURE CALCULATIONS(SPE-3362)

PROPOSED DIRECTION 271.04

TARGET TRACKING
TO CENTER

SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)	CLOSURE DIR (DEG AZ)	CLOSURE DISTANCE (FEET)	BUILD RATE/ °/100'	WALK RATE/ °/100'
25	7507	76.0	270.9	7248.18	581.31	13.90	-581.16	10.69	26.85	3.35	271.37	581.32	10.65	-0.97
26	7539	79.3	270.7	7255.02	612.57	14.33	-612.41	10.33	19.74	3.21	271.34	612.58	10.31	-0.62
27	7571	82.0	269.9	7260.22	644.14	14.50	-643.98	8.79	14.27	2.81	271.29	644.14	8.44	-2.50
28	7598	85.5	266.2	7263.27	671.92	13.55	-671.79	18.13	10.99	1.35	271.16	671.93	12.50	-13.21
29	7637	87.3	265.8	7265.65	709.70	10.90	-709.62	4.85	8.28	-1.98	270.88	709.70	4.74	-1.05
30	7669	86.8	265.9	7267.30	741.53	8.59	-741.49	1.59	6.36	-4.87	270.66	741.54	-1.56	0.31
31	7700	87.30	269.00	7268.90	772.42	7.21	-772.42	10.12	4.50	-6.81	270.53	772.45	1.61	10.00
32	7732	87.50	271.10	7270.35	804.38	7.24	-804.38	6.59	2.77	-7.36	270.52	804.42	0.62	6.56
33	7796	88.20	271.10	7272.75	868.34	8.47	-868.33	1.09	-0.18	-7.30	270.56	868.37	1.09	0.00
34	7859	90.10	270.70	7273.68	931.33	9.46	-931.31	3.08	-1.65	-7.45	270.58	931.36	3.02	-0.63
35	7922	90.60	270.30	7273.30	994.32	10.01	-994.30	1.02	-1.80	-8.04	270.58	994.36	0.79	-0.63
36	7986	90.90	269.90	7272.46	1058.31	10.12	-1058.30	0.78	-1.51	-9.09	270.55	1058.35	0.47	-0.63
37	8049	91.00	269.50	7271.42	1121.28	9.79	-1121.29	0.65	-1.01	-10.57	270.50	1121.33	0.16	-0.63
38	8112	89.10	269.70	7271.36	1184.26	9.35	-1184.29	3.03	-1.49	-12.15	270.45	1184.32	-3.02	0.32
39	8208	89.80	269.90	7272.28	1280.23	9.01	-1280.28	0.76	-3.23	-14.23	270.40	1280.31	0.73	0.21
40	8303	88.90	269.00	7273.36	1375.19	8.10	-1375.27	1.34	-5.12	-16.86	270.34	1375.29	-0.95	-0.95
41	8398	89.10	269.00	7275.02	1470.11	6.44	-1470.24	0.21	-7.59	-20.24	270.25	1470.25	0.21	0.00
42	8493	91.80	268.70	7274.27	1565.03	4.54	-1565.21	2.86	-7.66	-23.87	270.17	1565.21	2.84	-0.32
43	8588	93.30	269.40	7270.05	1659.88	2.96	-1660.10	1.74	-4.24	-27.17	270.10	1660.10	1.58	0.74
44	8683	91.80	269.50	7265.82	1754.74	2.05	-1755.00	1.58	-0.83	-29.80	270.07	1755.00	-1.58	0.11
45	8778	91.60	269.40	7263.00	1849.67	1.14	-1849.95	0.24	1.18	-32.44	270.04	1849.95	-0.21	-0.11
46	8873	91.60	268.60	7260.35	1944.57	-0.52	-1944.90	0.84	3.02	-35.82	269.98	1944.90	0.00	-0.84
47	8968	89.70	268.40	7259.27	2039.46	-3.00	-2039.85	2.01	3.29	-40.03	269.92	2039.86	-2.00	-0.21
48	9063	89.70	270.00	7259.77	2134.41	-4.33	-2134.84	1.68	1.98	-43.08	269.88	2134.84	0.00	1.68
49	9159	90.20	270.00	7259.85	2230.39	-4.33	-2230.84	0.52	1.07	-44.82	269.89	2230.84	0.52	0.00



SURVEY CALCULATION PROGRAM

v1.00.02

TARGET DETAILS

OPERATOR:	Marbob Exploration	Supervisors:		TARGET N-S	Directional	
WELL:	Ocho Cinco Fed Com #1H	Craig Hubar		TARGET E-W		
LOCATION:		J.Hargrove		TARGET RADIUS		
JOB NUMBER:	WT-10088	Joe Beal		TARGET DISPLACEMENT		
COMMENTS:		Nic Black		TARGET CLOSURE		
			MAG DEC.(-/+)	7.92	TARGET TVD	Horizontal 7280.00
			GRID CORR.(-/+)	-0.18	DIP AZ	270.92
			TOTAL CORR.(-/+)	7.74	DIP DEG UP+/DN-	0.49
DATE: 03/25/10			TIME: 1:13 PM		TARGET INCLINATION	90.45

MINIMUM CURVATURE CALCULATIONS(SPE-3362)					PROPOSED DIRECTION		271.04	TARGET TRACKING TO CENTER		CLOSURE DIR (DEG AZ)	CLOSURE DISTANCE (FEET)	BUILD RATE/ °/100'	WALK RATE/ °/100'	
SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/ 100	ABOVE(+) BELOW(-)					RIGHT(+) LEFT(-)
50	9254	90.60	269.50	7259.19	2325.37	-4.74	-2325.84	0.67	0.92	-46.96	269.88	2325.84	0.42	-0.53
51	9349	89.30	271.10	7259.27	2420.35	-4.25	-2420.83	2.17	0.03	-48.19	269.90	2420.83	-1.37	1.68
52	9444	88.60	270.90	7261.01	2515.34	-2.59	-2515.80	0.77	-2.53	-48.25	269.94	2515.80	-0.74	-0.21
53	9539	89.50	270.50	7262.59	2610.32	-1.43	-2610.78	1.04	-4.91	-48.82	269.97	2610.78	0.95	-0.42
54	9634	88.80	270.80	7264.00	2705.31	-0.35	-2705.76	0.80	-7.13	-49.46	269.99	2705.76	-0.74	0.32
55	9728	90.00	271.00	7264.98	2799.30	1.13	-2799.74	1.29	-8.92	-49.69	270.02	2799.74	1.28	0.21
56	9823	90.60	270.80	7264.48	2894.30	2.62	-2894.73	0.67	-9.24	-49.92	270.05	2894.73	0.63	-0.21
57	9918	91.80	270.20	7262.49	2989.27	3.45	-2989.70	1.41	-8.06	-50.82	270.07	2989.70	1.26	-0.63
58	10014	92.10	270.00	7259.23	3085.20	3.61	-3085.65	0.38	-5.61	-52.39	270.07	3085.65	0.31	-0.21
59	10109	92.40	268.90	7255.50	3180.09	2.70	-3180.57	1.20	-2.70	-55.03	270.05	3180.57	0.32	-1.16
60	10205	91.70	268.60	7252.06	3275.95	0.61	-3276.48	0.79	-0.08	-58.86	270.01	3276.48	-0.73	-0.31
61	10300	89.70	268.50	7250.90	3370.85	-1.79	-3371.44	2.11	0.27	-62.99	269.97	3371.44	-2.11	-0.11
62	10395	88.60	270.10	7252.31	3465.79	-2.95	-3466.42	2.04	-1.95	-65.87	269.95	3466.42	-1.16	1.68
63	10458	89.30	270.90	7253.47	3528.78	-2.40	-3529.40	1.69	-3.65	-66.46	269.96	3529.40	1.11	1.27
64	10553	91.30	271.50	7252.97	3623.77	-0.42	-3624.38	2.20	-3.96	-66.20	269.99	3624.38	2.11	0.63
65	10648	92.30	272.00	7249.99	3718.72	2.48	-3719.28	1.18	-1.79	-65.02	270.04	3719.28	1.05	0.53
66	10743	91.60	271.40	7246.75	3813.65	5.30	-3814.19	0.97	0.63	-63.93	270.08	3814.19	-0.74	-0.63
67	10838	90.00	270.30	7245.43	3908.64	6.71	-3909.16	2.04	1.14	-64.24	270.10	3909.17	-1.68	-1.16
68	10933	89.10	269.80	7246.17	4003.62	6.79	-4004.16	1.08	-0.41	-65.89	270.10	4004.16	-0.95	-0.53
69	11028	90.10	270.00	7246.84	4098.60	6.63	-4099.15	1.07	-1.89	-67.78	270.09	4099.16	1.05	0.21
70	11123	90.10	269.70	7246.67	4193.58	6.38	-4194.15	0.32	-2.54	-69.75	270.09	4194.16	0.00	-0.32
71	11218	90.50	269.00	7246.17	4288.53	5.30	-4289.14	0.85	-2.85	-72.55	270.07	4289.15	0.42	-0.74
72	11313	90.00	268.10	7245.76	4383.44	2.90	-4384.11	1.08	-3.25	-76.68	270.04	4384.11	-0.53	-0.95
73	11408	92.00	268.20	7244.10	4478.30	-0.17	-4479.04	2.11	-2.40	-81.47	270.00	4479.04	2.11	0.11
74	11503	90.60	268.80	7241.95	4573.18	-2.66	-4573.98	1.60	-1.06	-85.67	269.97	4573.98	-1.47	0.63

		SURVEY CALCULATION PROGRAM v1.00.02							TARGET DETAILS						
OPERATOR:		Marbob Exploration			Supervisors:				TARGET N-S		Directional				
WELL:		Ocho Cinco Fed Com #1H			Craig Hubar				TARGET E-W						
LOCATION:					J. Hargrove				TARGET RADIUS						
JOB NUMBER:		WT-10088			Joe Beal				TARGET DISPLACEMENT						
COMMENTS:					Nic Black				TARGET CLOSURE						
					MAG DEC. (-/+)		7.92		TARGET TVD		Horizontal		7280.00		
					GRID CORR. (-/+)		-0.18		DIP AZ				270.92		
					TOTAL CORR. (-/+)		7.74		DIP DEG UP+/DN-				0.49		
DATE: 03/25/10		TIME: 1:13 PM							TARGET INCLINATION				90.49		
MINIMUM CURVATURE CALCULATIONS(SPE-3362)					PROPOSED DIRECTION		271.04		TARGET TRACKING TO CENTER		CLOSURE DIR (DEG AZ)		CLOSURE DISTANCE (FEET)	BUILD RATE/°/100'	WALK RATE/°/100'
SVY NUM	MD	INC	TRUE AZM	TVD	SECT	N-S	E-W	DLS/100	ABOVE(+) BELOW(-)	RIGHT(+) LEFT(-)					
75	11550	90.30	268.60	7241.58	4620.14	-3.72	-4620.97	0.77	-1.09	-87.59	269.95	4620.97	-0.64	-0.43	
PBHL	11645	90.30	268.60	7241.08	4715.05	-6.04	-4715.94	0.00	-1.41	-91.64	269.93	4715.94	0.00	0.00	

Surf: 760' FNL, 330' FEL

EOL: 766' FNL, 234' FNL