45650

proj 25' S	105	296	134	5208
pp	130 dh from 375			(5145)
53° proj 25' N	2	378		5142

45600

proj 25' S	2	378	5142
pp	28	421	5108
proj 25' N	53	463	5075

45550

proj 25' S	53	463	5075
pp	78	504	5038
proj 25' N	103	546	5008

45500

proj 25' S	103	546	137	5008
pp	128 dh from 600	588	170	4975 (4966)
53° proj 25' N	18	630	24	4942

45450

proj 25' S	18	630	24	4942
pp	43	671	57	4909
TD	62	703	82	4884

N RGE 84-1 (R84-281)

Az: 297 (N63W) -60 265' 5588

45300

TD proj N	134	268	232	5356
proj 25' N	107	214	185	5403

45250

proj 25' S	107	214	185	5403
pp	51	102	88	5500
Collar proj 24' N		—		5588

1,127,250 E

collar				5588
pp	47	94	81	5507
proj 50' E	103	206	178	5410

R84-282

RGE - 84 - 2

		Total Depth	Bearing	Angle	Elevation
745,145 N	1,127,213 E	2801	N63°W	-60°	5615

45200	C (MD)	B (Elevation)
bottom hole proj 7' S	280	5372
PP	248	5400
proj 25' N	140	5494

45150	A	C (MD)	B	Elevation
proj 25' S	71	142	123	5492
PP	16	32	28	5587
Collar proj 7' N		—	—	5615

1,127,250

collar	dh from collar			5615
proj 50' E	14	28	24	5591

N

BGE 84-3

Elevation 5613 45° Az. 297 (N 63 W) MD 235'

Down hole from Collar	45500	C (md)	Elevation
125'	proj 25' N	177	5488
166'	BH proj 6' N	235	5447

	45400		
down hole from collar	Collar proj 19' S	0	5613
15'	proj 25' S	21	5598

	45450		
125	proj 25' S	177	5488
69 ~~54~~	pp	98	5544
15	proj 25' N	21	5598

1,127,250 E		C(md)	B(TVD)	Elevation
proj 50 W	55	78	65	5558
pp	112	158	112	5501
proj 50 E	167	236	167	5446

R84-284

RGE-84-4 TD 350' ∡-60° Elev. 5615

MD	TVD	Hori. Dis.	Elevation
0	–	–	5615
50	43	25	5572
100	87	50	5528
150	129	75	5486
200	173	100	5442
250	216	125	5399
300	260	150	5355
350	303	175	5312

45000 N	HD	MD	TVD	Elevation
proj 25 S	76'	152	131	5484
pp	23'	46	40	5575
proj 25 N	–	–		5615

45050

TD proj 19' S				5312
133 ~~127~~ pp	266		230	5385
79 proj 25' N	158		136	5479

B84-285 (RGE 84-5) 747,652.19 N 1,125,341.87 E (5654.7) TD - 295

C (md)			A (horizontal)	B (tvd)	Elevation
0 - 295	S27E	45°	209	209	5446

747650	A (HD)	C (MD.)	B (TVD)	Elevation	
Collar	–	–	–	~~5446~~	5655
pp	3	4	3	~~5443~~	5652
proj 25' N	32	45	32	~~5414~~	5623

747600					
proj 25' S	32	45	32	~~5414~~	5623
pp	58	82	58	~~5388~~	5597
proj 25' N	87	123	87	~~5359~~	5568

747550					
proj 25' S	87	123	87	~~5359~~	5568
pp	114	161	114	5332	5541
proj 25' N	143	202	143	~~5303~~	5512

747500					
proj 25' S	143	202	143	~~5303~~	5512
pp	171	241	171	~~5275~~	5484
proj 25' N	199	281	199	~~5247~~	5456

281
202
79

747450					
proj 25' S	199	281	199	~~5247~~	5456
TD	209	295	209	~~5237~~	5446.

R 84-286

RGE 84-6 TD 255 ∆ 45° 5585

M	TVD	HD	Ele.
0			5585
100	71	71	5514
200	142	142	5372
255	180	180	5192

45000N	HD	MD	TVD	Elevation
proj. 25 S	46	65	46	5539
pp.	101	143	101	5484
proj 25 N	156	221	156	5429

45050

Collar proj 4' N	—	—		5585
43 proj 25' N	61	43		5542

44950

proj 25' S	154	218	154	5431
TD proj S	180	255	180	5405

N

RGE 84-7 5583 -60° bearing 117° (S63E)

744950	A.	C(md)	B (TVD	
collar proj 20'N				5583
proj 25'N	8'	16	14	5569
				5471
744850				
proj 25'S	118	236	204	5379
TD proj 15'S	146	280	242	5341

744900				
proj 25'S	8'	16		5569
pp	64'	128	111	5472
proj 25'N	118	236		5379

RGE 84-8

5436 Bearing 297 (N 63W) 45° 355

744650	A (hori. Dist)	C (md)	B (TVD)	Elevation
proj 25' S	187	264	187	5249
pp	120	170	120	5316
proj 25' N	54	76	54	5382

744700

proj 25' N	189	264	187	5248
TD	250	354	250	5186

1,127,250 E

proj 50' W	85	120	85	5351
pp	140	198	140	5296
proj 50' E	194	274	194	5242

R84-289

84-9

(130 (hori. dist.) 225 (TVD) 5350) TD

5575 (N63W) -60 260 74,4,538.97 N 1,126,876.10 E

744550

proj 25' S	79	158	137	5438
PP	24	48	42	5533
Collar proj 12' N				5575

44600

	dh from Collar			
TD proj N	129	258		5351
proj 25' N	79	158		5438

1,126,750		(md)	B(TVD)	Elevation
proj 50' W	86	172	149	5426
TD	130	260	225	5350

RGE 84-10

5575	bearing 297 (N 63 W)	45°	320'	744,540.8N 1,126,872.61 E

44650	A (hori. dist)	C (md)	B (TVD)	Elevation
BH proj 1' N	225	320	225	5350
proj 25' N	185	262	185	5390

44550				
proj 25' S	71	100	71	5504
PP	16	23	16	5559
Coller proj N	–	–	–	5575

44600				
proj 25' S	184	262		5390
PP	127	180		5448
proj 25' N	~~127~~ 72	100		5504

1,126,750		C (md)	B (TVD)	Elevation
proj 50' W	81	114	81	5494
PP	137	194	137	5438
proj 50' E	193	273	193	5382

RGE 84-11

5571 bearing 297 (N 63 W) 55° 200

	A (hori. dist)	C (md)	B (TVD)	Elevation
TD proj 17' N	115	200	164	5407
proj 25' N	100	174	143	5428

44600

proj 25' S	100	174		5428
PP	42	73		5511
Collar				5571

RGE 84-12 5576

Bearing 297° (N63W) inclination -60° TD 200

744750	A (Horz. Dis)	C (md)	B (TVD)	Elevation
TD proj N	100	200	173	5403
proj 25' N	83	166	143	5433

744700				
Collar				5576
PA	23	46	19	5557
Proj 25' S	83	166	144	5432

RGEB4 - 13

5549 Bearing 297 (N 63 W) -70° TD 300

744,497.46 N 1,126,742.09 E

744550

TD proj N	103	301	283	5266
proj 25' N	60	175	165	5384
44500				
Collar				5549
PP	5	15	14	5535
proj 25' S	61	175	168	5381

1,126,750 E

collar		C(md)	B(TVD)	Elevation
proj 50' W	47	137	129	5420

RGE 84 - 14

5548 Bearing 297 (N 63 W) -50° TD 255

744,500.39 N 1,126,736.29 E

744550

TD proj 22'S	164	255	195	5352
pp	111	173	132	5416
proj 25'N	57	89	68	5480

44500

Collar				5548
proj 25'S	55	86	65	5482

1,126,750

collar		C (md)	B (vertical)	5550 Elevation
proj 50' E	41	63	49	5499