RDH 235

0 – 185 Edh (Thtp in 2'-2' amounts prob.)

185 – 204 Edg

204 – 230 Edh

230 – 293 Edg.

293 – 353 PE PALEOSOL.

353 – 371 Thtp.

371 – 380 PE

0-25 OXIDE

25 – 265 SULFIDE

265 – 295 MIX

295 – 380 SULFIDE

RDH 226.

0 — 300	T+p.	0 — 155	OXIDE
		155 — 160	MIX
		160 - 300	SULFIDE

RDH 234

0-35	T+p		
35 - 88	Edh	0 - 20	OXIDE
88 - 96	T+p	20 - 35	MIX
96 - 147	Edh	35 - 400	SULFIDE
147 - 164	T+p		
164 - 176	Edh		
176 - 178	T+p		
178 - 203	Edh		
203 - 250	Edq		
250 - 300	PC - PALEOSOL.		
300 - 400	PC SCHIST		

DDH - 27

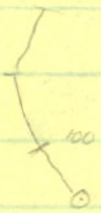
Collar	N 16° W	-60°	5623
300'	N 10° W	-48°	
600'	N 11° W	-50°	
925	N 10° W	-52°	

C(md)			A(hori. dist.)	B(TVD)	Elevation
0 - 150 (150)	N 16° W	60°	75	130	5493
150 - 450 (300)	N 10° W	-48°	201	223	5270
450 - 762.5 (312.5)	N 11° W	-50°	201	239	5031
762.5 - 925 (162.5)	N 10° W	-52°	100	128	4903

45700

Collar

proj 25' S



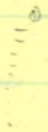
45750

proj 25' N

PP

proj 25' S

1" = 50'



45800

proj 25' N

PP

proj 25' S

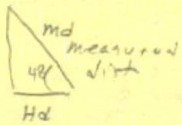
45850

proj 25' N

PP

proj 25' S

true Vertical distance



$\sin \alpha = \frac{opp}{hyp}$ $\quad md \sin \alpha = TVD$

$\tan = \frac{opp}{adj}$ $\quad md \cos \alpha = HD$

$\cos = \frac{adj}{hyp}$ $\quad HD \tan \alpha = TVD$

$\frac{HD}{\cos \alpha} = md$

45900	48°				(5493)
proj 25' N	87	130	280	96	5397
pp	113	169	319	125	5368
proj 25' S	137	205	355	152	5341
45950					
proj 25' N		354			5341
pp		394			5312
proj 25' S		429			5285

	A (hori. dist.)	C (md)		B (TVD)	Elevation
46000		dh from 450	48°		(5493)
proj 25' N	191'	435			5281
		dh from 450	50°		(5270)
pp		476			5250
proj 25' S	42'	515			5220
46050					
proj 25' N	42'	515			5220
pp	68	556		81	5189
proj 25' S	93	595		111	5159
46100					
proj 25' N	93	595		111	5159
pp	119	635		142	5128
proj 25' S	145	676		172	5097

	A (hori. dist.)	C(md)	B(TVD)	Elevation
46150				
proj 25' N	145	676	172	5097
pp		714		5067
proj 25' S	194	753		5037
46200				
proj 25' N	194 dh from 763 52°	753		5037 (5031)
pp	19	794	24	5007
proj 25' S	44	834	56	4975
46250				
proj 25' N	44	834	56	4975
pp	70	877	90	4941
proj 25' S	95	917	121	4909
46300				
proj 25' N	95	917	121	4909
TD	100	925	128	4903

GE-1

	5447	550 E	-60°	TD 910	(140 - 150) = .007

744450

Collar proj 1' S

pp	2'	4'	3	5444
proj 25' N	23'	46	40	5407

744350

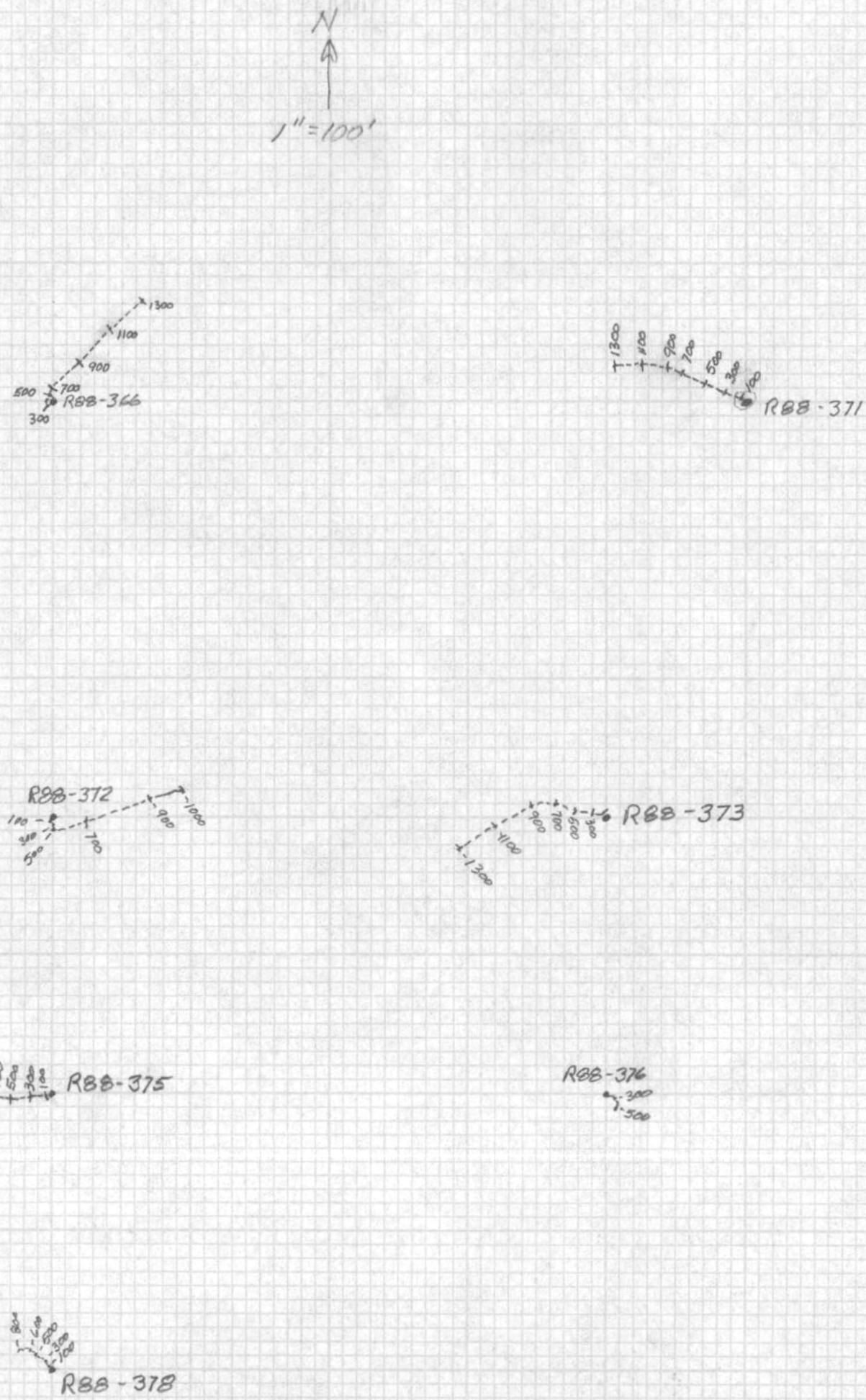
proj 25' S	99	198	171	5275
pp	133	266	230	5211
proj 25' N	165	330	286	5161

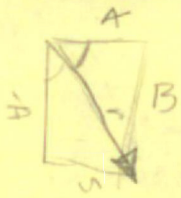
744250

proj 25' S	231	462	400	5047
pp	262	524	454	4993
proj 25' N	295	590	511	4936

744150

proj 25' S	360	720	623	4824
pp	393	786	681	4766
proj 25' N	426	852	738	4709
	hd	hori dst. / cos α	hd tan α	
1,126,750 TD.	455	910'	788	4659
proj 25' E	349	698'	604	4843
pp	427	854	740	4707


N
1" = 100'
1300
1100
900
700
500
300
RBB-366
1300
1100
900
700
500
300
100
RBB-371
RBB-372
100
300
500
700
900
1000
RBB-373
1300
1100
900
700
500
300
1400
1300
1100
900
700
500
300
100
RBB-375
RBB-376
300
500
RBB-378



200
69

D81-28

DDH 28 (5359)

		A	B	Elev
0 – 75 (75)	N87E 61	36.36	65.6	~~5286.54~~ 5293.4
75 – 240 (165) 150	N87E 61	79.99 72.72	144.31 (131.19)	~~5142.25~~ 5149.1
240 – 440 (200) 330	N86E 62	93.89 154.92	176.59 (291.37)	~~4965.66~~ 4972.5
440 – 650 (210) 550	N88E 61	101.81 (266.64)	183.67 (481.04)	~~4781.99~~ 4788.83
650 – 800 (150) 750	N87E 61	72.72 (363.64)	131.19 (655.96)	~~4650.8~~ 4657.64
800 – 905 (105) 850	N87E 63	47.67 (385.89)	93.56 (757.56)	~~4557.24~~ 4564.08
905 – 1047 (142) 960	S89E 62	66.66 (450.69)	125.38 (847.63)	~~4431.86~~ 4438.7
1047 – 1234 (187) 1134	N90E 62	87.79 (537.38)	165.11 (1001.26)	~~4266.75~~ 4273.59
1234 – 1434 (200) 1334	S85E 62	93.89 (626.28)	176.59 (1177.85)	~~4090.10~~ 4097.00
1434 – 1637 (203) 1534	S83E 61	98.42 (743.70)	177.55 (1341.67)	~~3912.61~~ 3919.45
1637 – 1795 (158) 1740	S81E 61	76.60 (843.51)	138.19 (1521.84)	~~3774.42~~ 3781.26
1795 – 1910 (115) 1850	S82E 60	57.50 (925)	99.59 (1602.15)	~~3674.83~~ 3681.67
1910 – 1970 (60) 1970	S81E 61	29.09 (955)	52.48 (1723)	~~3622.95~~ 3629.19

GE D 28 Section 745700

MD(c)	proj N
0	24'
75	23'
240	18
440	12
650	7
800	3
905	pp
1047	2'
1234	2
1434	10
1637	22

		C(md)	B(elevation)
from 1637 dh 20'	proj 25' N	1678	3884
dh from 1637 61"	745650		
19'	proj 25' S	1678	3884
	bh proj 3' S	1970	3629

	proj ~~N~~S
1795	16
1910	8

1,126,750 E		C(md)	B(TVD)	
	dh from 1795	60		(3781)
proj 50' E	22	1839	38	3743
	dh from 1910	61		(3682)
pp	15	1940	27	3655
TD	29	1970	52	3630

DB1-28

1,126,250				
	dh from 650	61°		(4786)
proj 50' E	59	772	106	4683
	dh from 800	63		(4658)
pp	38	884	75	4583
	dh from 905	62		(4564)
proj 50' W	41	992	77	4487

DDH 29 (5356)

		A	B	ELEV
0-65 (65)	N76E 59	33.48	55.72	5300.28
65-182 (117) (132)	N76E 56	65.43	97.00	5203.28
182-282 (100) (232)	N76E 62	46.95	88.29	5114.99
282-382 (100) (332)	N77E 60	50.	86.60	5028.39
382-482 (100) (432)	N75E 59.5	50.75	86.16	4942.23
482-582 (100) (532)	N75E 64	43.84	89.88	4852.35
582-682 (100) (632)	N74E 63	45.70	~~21.60~~ 89.10	~~4781.15~~ 4762.9
682-782 (100) (732)	N69E 64	43.84	89.88	~~4691.27~~ 4673.02
782-921 (139) (832)	N75E 63.5	62.02	~~127.75~~ 124.4	~~4568.52~~ 4548.62
921-1065 (144) (1011)	N65E 62.5	66.49	127.73	~~4440.79~~ 4420.89
1065-1311 (246) (1211)	N71E 64.5	105.91	222.04	~~4218.75~~ 4198.85
1311-1511 (200) (1411)	N71E 64.5	86.10	180.52	~~4038~~ 4018.33
1511-1665 (154) (1611)	N76.5E 66	67.64	140.69	~~3897.31~~ 3877.64

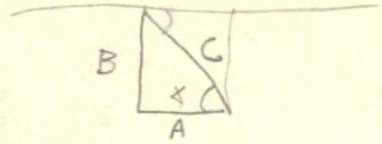
DDH-29 5356

	45500		C (md)	B (elevation)	
from 921 dh 33	proj 25' S		992		4479
from 782 dh 20'	PP		827		4632
from 582 dh 36	proj 25' N		661	4781	
down hole from 182: 62° 30 @65'	45400		C (md)	B	elevation (5203)
	proj 25'S		~~227~~ 246	~~36~~ 56	~~5167~~ 5147
	PP		65		5300
Surface	proj 25'N		0	0	5356
down from 921	45550				
down from 1065 64.5 4421 82	proj 25'S		1255	172	4249
down 28	PP		1930	59	4362
down from 921 62.5 4546 32	proj 25'N		990	61	4486
	45450				
down hole from 382 62 4852 38	proj 25'S		666	75	4777
down hole from 382 59.5 5028 38	PP		457	64	4964
down hole from 182 62 5203 30'	proj 25'N		246	56	5147
	45650				
46	TD proj 23' N		1665	—	3878
	proj 25' N	46	1624	103	3915
	45600		dh from 1065		(4421)
62.5	proj 25'S	64.5	84 1260	176	4245 (4199)
	PP	64.5	dh from 1315 46 1418	96	4102 (4018)
	proj 25'N	66	dh from 1511 46 1624		3915

DDH-29

1,126,250	dh from 582	63		(4852)
proj 50' E	23	632	45	4807
	dh from 682	64		(4763)
pp	23	734	47	4716
	dh from 782	635		(4673)
proj 50' W	30	849	60	4613

DDH - 30



			A (hori. dist.)	B (tvd)	Elev
0-125 (125)	N 43 E	49°	82.01	94.34	5286.66
125-350 (225)	N 43 E	49°	147.61	169.81	5116.85
350-550 (200)	N 62 E	47°	136.40	146.27	497.58
550-750 (200)	N 62 E	51.5°	124.50	156.52	4814.06
750-850 (100)	N 62 E	48.5°	66.26	74.90	4739.16

5381

	DDH-3D	C (md)	Elevation
down hole from 750'	45,500		
29'	proj 25 N	44 / 794	4781
67'	bottom hole proj 8' N	101 / 851	4738

down hole from 550	45400	C	B	Elevation
95	proj 25' S	152.6/703	119.4	4852
54	pp	86.7/637	67.9	4903
14	proj 25 N	22.5/572	17.6	4957

	45450			
	proj 23' S	850		4739
dh from 750	pp	777	16	4798
95	proj 25' N	702	119	4851

	45250	C (md)	B TVD	Elevation
dh from 125 49° 5280 73	proj 25' N	236	84	5202
112 dh from 350	pp	296	129	5157
47° 5118 3	proj 25' S	354	3	5114

	45100			
	Collar proj 23'S	—	—	5381
49 3'	proj 25' S	5	3	5378

	45150			
3'	proj 25 N	5	3	5378
40	pp	61	46	5335
78	proj 25' S	119	90	5291