

018563

MARCH 22/69

BASELINE Survey WEST.

418.00 π - F. Reyes

ϕ - R. Schulze.

Weather - Sunny & Windy

Treat - WILD RDS.

K=5.00 is NOT APPLICABLE

- 4.00' Broad

(2)

MARCH 22/69

STA	B.S.	H.I.	V.A.	F.S.	Δ Hor Dist
456			87°-20	-16.87	605'
⊙	+6.00				
458	→		87°-00	-11.17	200'
460			86°-38'	-2.74	400'
462			85°-20	-11.90	604'
⊙	+6.46				
464			86°-00	-11.07	200'
466					
468			86°-20	-16.74	600'
470			85°-30	-8.64	810'
472			85°-20	-15.95	1010'
⊙	+5.70		86°-00	-7.60	200'
474			86°-00	-8.47	200'
476			86°-00	-11.56	400'
478			86°-30'	-10.21	600'
⊙	+5.75				
480			86°-00	-7.79	200'
482			86°-00	-8.01	400'
484			86°-06	-11.41	595'
⊙	+5.60				
486			85°-00	-9.71	200'
488					

CORR. ②

Obs X

Δ Elev

F.S.

Elev. G.

+2° 40'

+11.31

~~1.87~~

+3° 00'

+1.05

~~1.70~~

+3° 22'

+10.79

~~1.70~~

+4° 40'

+37.40

~~2.50~~

+4° 00'

+2.91

~~1.77~~

+3° 30'

+19.96

1.74

+4° 30'

+55.29

~~2.61~~

+4° 40'

+86.52

~~4.95~~

+4° 00'

+4.51

~~1.77~~

~~6.40~~

+4° 00'

+15.41

1.74

9.40

+3° 30'

+29.10

~~2.61~~

7.26

+4° 00'

+6.19

~~1.77~~

6.14

+4° 00'

+19.96

1.74

6.26

+4° 00'

+30.20

~~1.77~~

8.40

~~+5° 00'~~

+5° 00'

+7.89

.97

5.24

③

MARCH 22/69

STA	BS.	H.I.	V.A.	F.S.	HA-DIST
-----	-----	------	------	------	---------

○	+5.75				
---	-------	--	--	--	--

488			88°00'	-9.47	200'
-----	--	--	--------	-------	------

490			88°00'	-11.49	210'
-----	--	--	--------	--------	------

492			88°00'	-12.33	610'
-----	--	--	--------	--------	------

494			88°00'	-14.45	800'
-----	--	--	--------	--------	------

○	+6.20				
---	-------	--	--	--	--

496			87°00'	-9.27	205'
-----	--	--	--------	-------	------

498			87°00'	-10.99	395'
-----	--	--	--------	--------	------

500			87°00'	-14.15	600'
-----	--	--	--------	--------	------

JAR

④

MARCH 23/69

STA	B.S.	^{Boast} H.I.	V.A.	F.S.	Hor. DIST.
-----	------	--------------------------	------	------	------------

500 +5.70

502 86°00' -10.52 202'

504 87°00' -8.46 400'

506 87°00' -14.70 1600

① +6.70

508 ~~88°00'~~ 88°00' -6.30 210'

510 88°00' -4.65 400'

512 88°00' -4.00 595'

514 88°00' -3.50 800'

① 5.60

516 87°00' -6.57 200'

518 87°00' -8.00 405'

520 87°00' -12.00 605'

522 88°00' -9.00 802'

① 7.50

524 86°00' -8.00 205'

526 86°00' -7.40 405'

528 86°30' -9.00 605'

① 5.80

530 90°00' -4.10 205'

532 90°00' -6.20 405'

(-07)

(4)

MARCH 23/69

BASE Line Survey - WEST.

A - F. Reyes

-9.00

Ø R. Schulze

6.50 weather - Dull + Windy

~~11.01~~
~~11.01~~ - 6.00

INSTR: WILD RDS (Angle ~~10.00~~)

12.10

(5.00)

(15')

Comp.

⑤

BACK LINE SURVEY

STA	B.S.	H.I.	V.A.	F.S.	Hor. Dist
①	+6.20				
534			94°00'	6.00	205'
536			93°00'	6.00	402'
538			93°00'	1.00	600'
540			92°30'	5.30	815'
542			92°00'	7.00	1000'

G. Elev

$$52. \times 0.25 =$$

4

$$\begin{array}{r} 44.00 \\ 6 \\ \hline 38.00 \end{array}$$

$$\begin{array}{r} 26.00 \\ - 5 \\ \hline 21.00 \end{array} \quad \begin{array}{r} \checkmark \\ 2 \overline{) 58} \\ 4 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 29.00 \\ 5.60 \\ \hline 23.40 \end{array}$$

$$65 \times 5 = 32.50$$

$$\begin{array}{r} 35.00 \\ 7.00 \\ \hline 28.00 \end{array}$$

$$\begin{array}{r} 7.30 \\ \hline 25.20 \end{array}$$

$$\begin{array}{r} 40.00 \\ 7.0 \\ \hline 33.00 \end{array}$$

~~420~~ GRID SOUTH

SJA	P.S.	H.I.	Res. Rdy	CORR.	DIFF. ELEV.
420 B.L.					
0	5.60				
25			+20.12	-6.00	-26.12
45			+37.00	-7.10	^{44.00} 42.00
65		94°-00'	-41.96	-7.40	-49.36
85 ⁺²⁰			-53.20	-5.00	-58.200
105			-53.50	-7.00	-60.50
120	5.60				
125			-2.06	-5.00	-7.06
145			-1.90	-5.00	-6.90
165	FAR		+5.00	-5.00	0.00'
185			+25.00	-5.00	+20.00'
205			+39.50	-2.00	+37.50
225			+56.00	-8.00	+48.00
0	5.70				
245			+ 10.20	-6.00	4.20
265			+48.00	-9.00	39.00

R.C.C.

430 GRID SOUTH

STA B.S. H.I Rds. Poly. CORR.

430BL

+5.00 107840

2S			-34.00	-9.00	43.00
4S	6.00	1041.40	-	-	-
4S			-25.00	-11.00	-36.00
6S			-47.00	-7.00	-54.00
8S			-61.00	-3.00	-64.00
10S			94°30'	-7.50	-70.46
12S			94°00'	-5.05	-74.81
14S			93°30'	-3.65	-76.91
16S			-80.20	-5.46	-91.66
18S			93°00'	-8.45	-92.19
①	6.00		+4.80	6.00	
20S			+4.80	-6.00	-1.20
22S			+48.00	-8.00 ^{3.00}	+45.00
②	5.40		+8.80	-11.00	
24S			+18.80	-11.00	+7.80
26S			+24.00	-9.00	+15.00
28S			86°30'	-15.00	+21.00
③	+6.15		+18.80	-11.00	
30S			-1.85	-3.00	-4.85

FAC

P.C.

S10 GRID SOUTH

STA
B.S.
H.I.
Rds. Rdy.
F.S.
~~A. Elev.~~
H. Dist.

①					
570BL					
①	6.20	1489.20	⊖		
2S			⊖	-4.50	
4S			+10.00	-5.00	
6S			+30.50	-7.00	
8S			+50.40	-8.00	
10S			62.50	-3.00	
①	9.00	1557.70	—	—	—
12S			+28.20	-11.00	
14S			+41.00	-11.00	
①	5.70	1593.40	—	—	—
16S			+20.00	-5.00	
18S			+40.00	-10.00	
①	16.00	1629.40	—	—	—
20S			+14.50	-7.60	
22S			+19.50	-9.00	
①	6.20	1646.10			
24S			⊖	-7.80	
26S			-9.50	-7.00	
①	6.20	1635.80	—	—	
28S			-10.50	-9.00	
30S			-25.60	-10.00	
32S		94°-00	-7.60	-5.00	-44.95
34S	RAC	94°-00	-15.00	-5.00	

Q

K = -3.00'

* Reduction
M.I.L.

MARCH 28/69

π - F. Reyes

φ - R. Etzal

INSTR - WILD RDS

Weather - Sunny + Cold

100.00'

~~104.70~~

101.95

101.70

103.17

105.51

20.1

1.40

.61

4.90

18.50

1.72

5

3.17

10.00

2 147 | 235.90
105.51

120.

20.5

x 2 +

12

4.10

240

2

3

21.61

25.00

-3.60

1300 x .2 = 260

2600

3.5

2260

1

146 x .2 = 292

400

-4.00

133

12

13

12

97 4.90

.2 2.95

19.4

1.2 1.95

1820

48 6.45

.2 2

+ 9.60 12.90

- 4.00 3

5.60 9.90

70 x .2 = 14.00

1 - 4.00

86 x .2 = 17.20

- .060

16.60

34 x .2 = 6.80

1 - 1.60

370 x 2 = 740

- 5

2.

STA	B.S.	H.I.	Rd Rdg	Elev	CORR
4+00			23.40		NIL. ()
4+20			+25.20		"
4+40			+28.00		"
4+60	FAIR		+33.00		
4+80			+38.00		
5+00					

GRAVITY PROFILE SURVEY

DATUM = 100.00'

STA	B.S.	H.I.	Rds. Rdg.	Elev.	CORR.
0					
0+00	4.90	104.90			
0+20				-2.95*	NIL.
0+40				-3.20*	"
0+60				-1.73	"
0+80				+0.61	"
1+00				+5.60	"
1+20				+9.90	"
1+40				+12.00	"
1+60				+16.60	"
1+80				+18.20	"
2+00				+21.00	"
2+20				+22.60	"
2+40				+25.20	"
2+60	5.33				"
2+60				-2.23	"
2+80				+2.10	"
3+00				+5.20	"
3+20				+10.00	"
3+40				+13.50	"
3+60				+17.50	"
3+80				+21.00	"

FAR

G. Adv.

1073.40

1035.40

1005.40

989.40

977.40

(-5.00)

3/29/69

95
615

290 x 2 = 48.0

2 ³ / 68

125 x 2 = 25.0

235 x 2 = 47.0

305 x 2 = 6.60

61.0

86.20

9.4 x 2 = 18.8

6

24.00

9.00

15.00

520 GRID SOUTH

②

STA	B.S	H.I.	Reds.	F.S.	Hor. Dis
265		1635.80			

5207
265

$\frac{40-30'}{94-30}$

-9.30 1000'

① 6.00 1553.80

285 -11.00 -12.00

305 -25.50 -11.00

325 ~~94.00~~ 94.00 -15.00 -

245 ~~94.00~~ +11.50 -5.00

225 +19.00 -5.00

205 +5.80 1573.60 - -

205 +4.50 -6.00

185 +10.00 -9.00

165 +7.00 -7.00

① 6.00 1579.60

145 ⊕ -9.05'

125 -10.00 -6.00'

105 -15.20 -8.00

① 6.20 1562.60

85 -5.00 -9.00

65 -20.00 -7.00

① 6.20 1559.80

4 -42.00 -6.00

-78.70
T.P.

1547.80

1530.80

1517.80

-41.95

1496.85

—

1560.30

1567.90

—

1572.10

1574.60

1573.60

—

1570.55

1563.60

1556.40

—

1548.60

1553.60

1511.80

21. x 2 = 42

③

STA B.S. H.I. Rds. F.S. Horiz. SI

25

-2600-6.00

5203

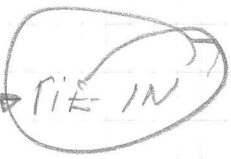
-2400-4.00

1527.80

1531.80



TIE IN



④

SAA

BS

A.I.

RES.

F.S

~~100~~
Br. Dist

25

-2000

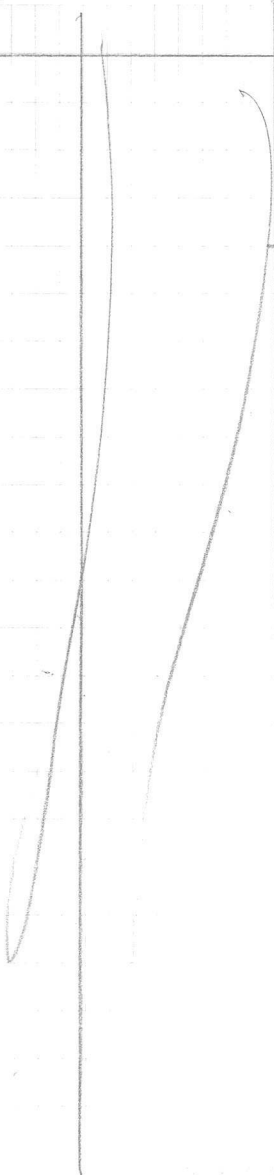
-600

STOBL

-2400

-400

630


$$\begin{array}{r} 430 \\ \underline{260} \\ 170 \end{array}$$

530 GRIP SOUTH

STA B.S. H.I. Pds. F.S. H. Dist

NOTE = ADD 100' ON G. Elev. ()

530 Bk.	—	—	—	—	—
①	7.20	1484.01	—	—	—
2S			-7.00	-5.00	
4S			-15.00	-5.00	
6S			-6.50	-2.00	
8S			-3.80	-5.00	⊖
10S			-3.50	-5.00	⊖
12S			-6.50	-5.00	⊖
14S			-16.00	-5.00	⊖
①	6.15	1469.26	—	—	—
16S			-7.80	-5.00	
18S			-16.00	-7.00	
20S			-23.00	-10.00	
①	6.20	1442.36	—	—	—
22S			-20.00	-4.00	
24S		1500.39	94.00	-10.50	-38.46
①	7.40	1487.30	—	—	—
26S			-25.40	-7.00	
28S			-30.00	-7.00	
30S			-60.80	-10.00	
32S					
34S			-100.80	-8.00	

FAIR

Cover. G. Elev.

APRIL 3/29

π - F. Reyes

φ - C. Ollic

1476.81

1472.01

1464.01

1475.51

1475.21

1475.51

1473.51

1463.01

1456.86

1446.16

1436.16

1418.36

1479.90

1354.90

1330.30

1316.50

1286.50

WX - MILD & clear

Instr. WILD B.D.S.

~~89.1~~ 19.1

6.11

3.5

87.30

32.40

54.90

87.30

87.30

70.80

116.50

57.00

30.70

1387.30

100.80

1286.50

- 1 50.40

⑤

STA	B.S.	H.I.	Rds.	F.S.	Horiz. Dist
	13873	1397.30			
36 S		1500 B	94°30	-7.30	1200' 13873
38 S	<u>FAR</u>		94°00	-9.20	1400'
40 S			94°00	-1.00	1600'

Exp.

G. Lev.

APRIL 3/69

-88.74 1298.56
~~107.06~~ 1280.24

1 687
 12
 1374
 687

 - 81.44
 - 7.30

 59.74
 3 1387.30
 689 88.74
 14 1298.56
 2796
 699

 97.86
 - 9.20

 107.06

 1387.30
 1007.06

 1280.24

(7) 544 572 GRID SOUTH

STA	B.S.	H. I.	Rds.	F.S.	Hor. DIST
		1487.30			1400 + 1
24S		1500.8	97.00	-6.50	1200
⊙	6.00	1360.54			
26S			-4.50	-7.00	
28S			-10.50	-5.00	
30S			-8.00	-9.00	
32S			-10.00	-7.00	
34S			-2.80	-5.00	⊙
36S			+28.50	-11.00	
+					
⊙		1360.54			
22S			+27.00	-9.00	
20S			+44.00	-2.00	
⊙	5.70	1408.24			
18S			+10.00	-10.00	
16S			+15.00	-5.00	
⊙	6.00	1424.24			
14S			-8.00	-5.00	
12S			-4.50	-12.00	
10S			-7.00	-7.00	
8S			+9.00	-9.00	
6S			+12.00	-15.00	

(4) APRIL 14/69 550 SOUTH.

STA	B.S.	H.I	V.A.	F.S.	H.D
550 BL					
①	7.10				
2S			93°00'	-10.80	205'
4S			93°00'	-5.00	402'
6S			92°30'	-7.10	604'
8S			91°30'	-10.35	802'
10S			91°30'	-6.30	1004
12S			91°20'	-5.76	1204'
14S			91°00'	-5.00	1403'
16S			90°30'	-6.00	1604
18S			90°14'	-12.00	1804
②	6.50				
20S			93°00'	-5.85	200'
22S			93°00'	-5.62	402'
24S			93°00'	-9.80	603'
26S			92°00'	-6.00	802'
28S			90°30'	-9.30	1000
30S			89°30'	-11.80	1202'
32S			89°30'	-4.25'	1402
③	6.50				
34S			92°00'	-4.35	200
36S			92°00'	-5.30	400

G. Elev.

1510.82

APRIL 14/69

π - F.A. REYES

φ - Ken. Meeha

Wx - Beautiful (Clear,
Mild & WARM)

⑤ APR 12 14/69 550 GRID SOUTH

STA	B.S.	H.T.	V.A.	F.S.	H.D
①	6.00	—	—	—	
38 S			94°-00'	-9.73	202'
40 S			93°-00'	-5.50	402'
42 S			93°-10'	-6.05	600'
①	6.00				
44 S			98°-00'	-8.20	203'
46 S			97°-00'	-5.00	402'
48 S			96°-00'	-9.75	603'
50 S			95°-00'	-7.42	804'

END

LINE 550

T.P. ↓
44 S

560 GRID SOUTH

①	6.20	1443.4			
↓					
560-44 S			88°-30'	-11.30	1004'
①	6.00	1454.3			
46 S			92°-30'	5.50	200'
48 S	6.00	1456.1			
48 S			98°-00'	-8.75	200'
50 S			96°-00'	9.10	404'
52 S			96°-00'	-11.70	600'

↓ (26.2)

G. Elev

APRIL 14/69

π - F. A. REYES

ϕ - K. Mephoe

WX - clear & Windy

INSTR - T-16

5

⑥

APRIL 14/69

560 Grid South

(CONT)

BTA B.S. H.I. V.A. F.S. H.D.

465

①

6.00

425

G. Elev.

APRIL 14/69

T. F. AREYES

Φ. K. McPhree

⑦

APRIL 15/69

440 GRID NORTH

STA	B.S.	H.I.	Rds.	F.S.	Hor. D.
440					
①	6.20				
2N				+29.40 - 3.00	205
4N				81°-06' - 5.00'	400
①	5.00				
6N				81°-30' - 5.20'	200'
8N				81°-30' - 3.40'	400
①	6.00			8 - 4.26	
10N				80°-00' - 4.26	200
12N				80°-30' - 6.20	400
①	5.20				
14N				82°-00' - 7.70	200'
16N				81°-20' - 5.00	400
①	5.00				
18N				76°-30' - 5.70	200'
20N				76°-30' - 7.20	400'