

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Location Survey

OWASSO PUMP SITE

From ON OWASSO BLVD. No.

Road Acc't. No.

Date Filed 1936

File 28 B. 112

1
2/5/37

Harold Purcell

Charles Gottfried

Leone Goldberg

Larry Larson

Alignment
for

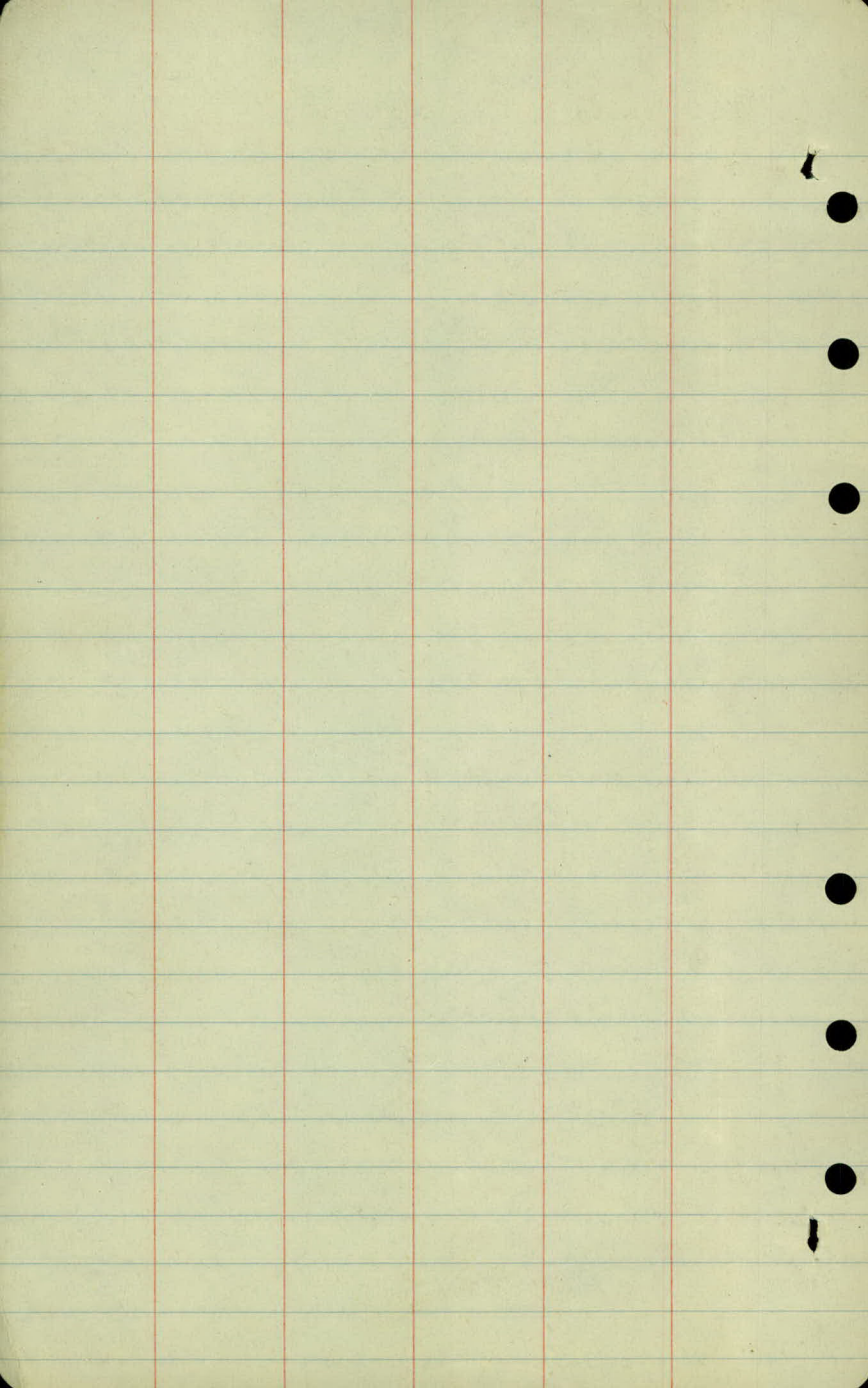
Willkam and Chapman

Borrow Pit

No. Owasso Blvd.

also for

Dump. Filling



R. $\left\{ \begin{array}{l} 409.50 - \text{Rec.} \\ 409.31 - \text{Corrct.} \end{array} \right.$

0400 50.0 0.000

$$\begin{array}{r} 24033\frac{1}{2} \\ 49-09 \end{array}$$

$$\begin{array}{r} 1-01 \\ 3-20 \frac{1}{2} \\ \hline 10-31 \frac{1}{2} \\ \hline 14-07 \\ 3-20 \frac{1}{2} \\ \hline 17-32 \frac{1}{2} \end{array}$$

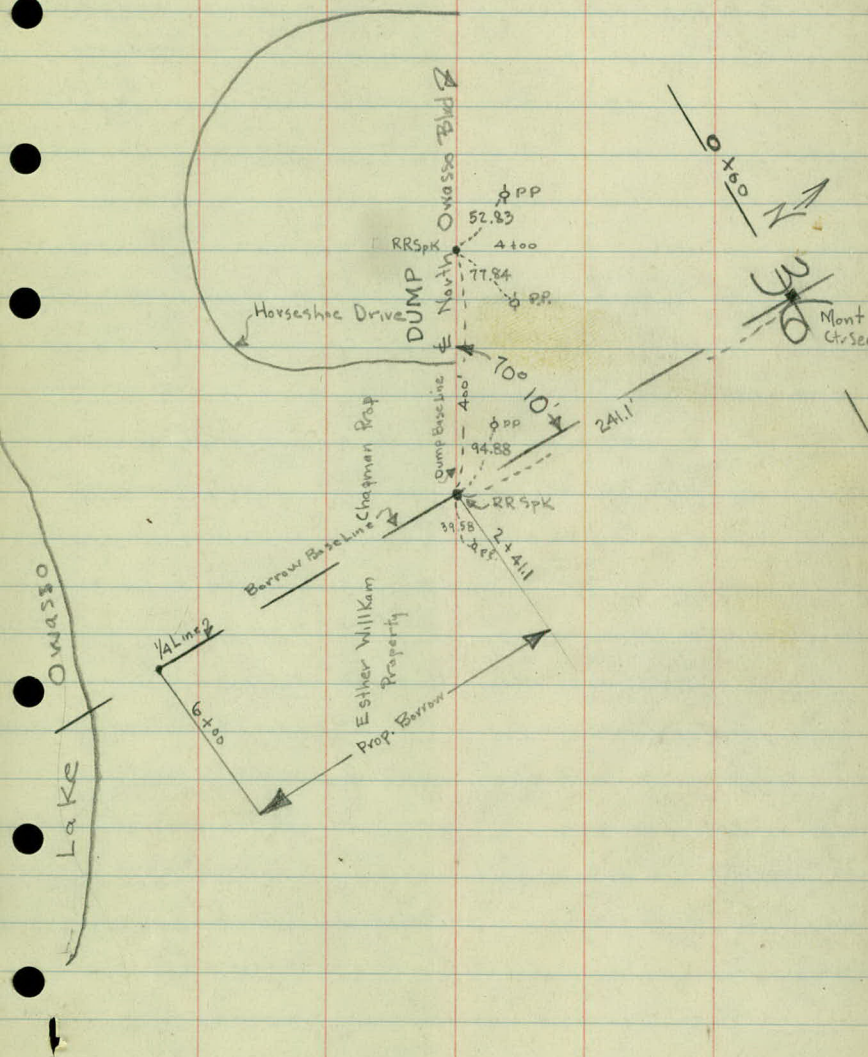
45713

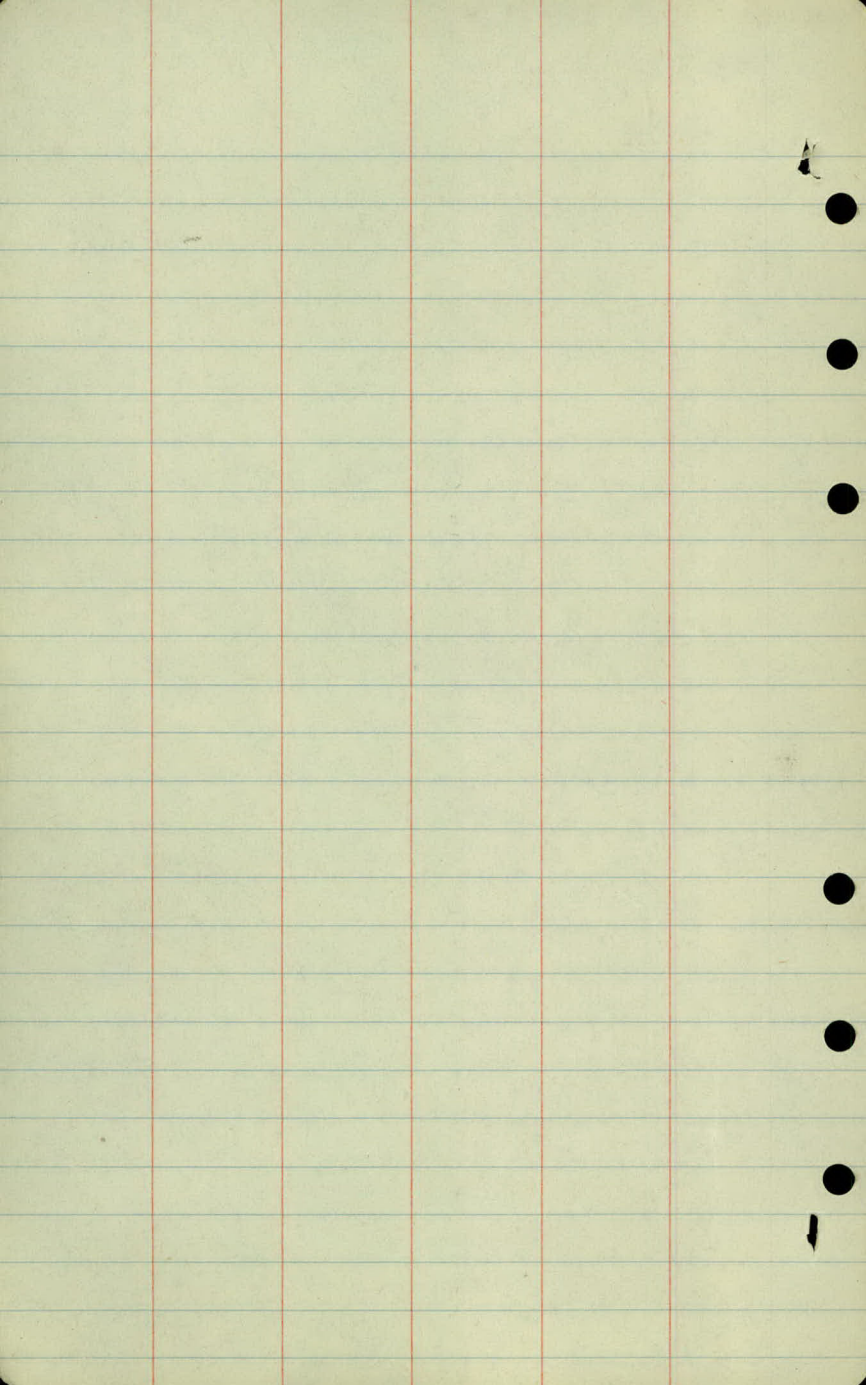
187.1210725

[illegible]

479'4
48'5
2148'30
2148'30

2





2/8/37 3

Harold Fortell
Charles Gottfried
Louis Goldberg
Larry Larson

TOPOGRAPHY
OWASSO PUMPSITE
NO. OWASSO BLVD.

$$\frac{+71 PP}{1}$$

18

$$\frac{Lake}{100}$$

$$\frac{21}{40-11}$$

$$\frac{+91 TP}{42}$$

$$\frac{+55 Cor Ho}{151} \quad \frac{+92 Guss P_0}{35}$$

$$\frac{+52 PP}{117}$$

$$\frac{+47 Guss P_0}{39}$$

$$\frac{+48 PP}{1}$$

17

$$\frac{Lake}{106}$$

$$\frac{21}{33-3}$$

$$\frac{+35 Cor Ho}{172}$$

$$\frac{+28 PP}{1}$$

$$\frac{+24 TP}{39}$$

16

$$\frac{Lake}{100}$$

$$\frac{21}{28-0}$$

$$\frac{+69 PP}{4}$$

$$\frac{Fc}{46-91}$$

15

$$\frac{Lake}{153}$$

$$\frac{24}{26-0}$$

$$\frac{+85 TP}{28}$$

$$+89 Cor Ho$$

$$\frac{+71 FC}{46-91}$$

$$\frac{138}{+30 TVs}$$

$$\frac{+18 Cor Ho}{132}$$

14

$$\frac{Lake}{171}$$

$$\frac{24}{23-3}$$

$$+95 Ent$$

$$\frac{+90 PP}{6}$$

$$\frac{+75 TV}{72}$$

$$\frac{+60 PP}{69}$$

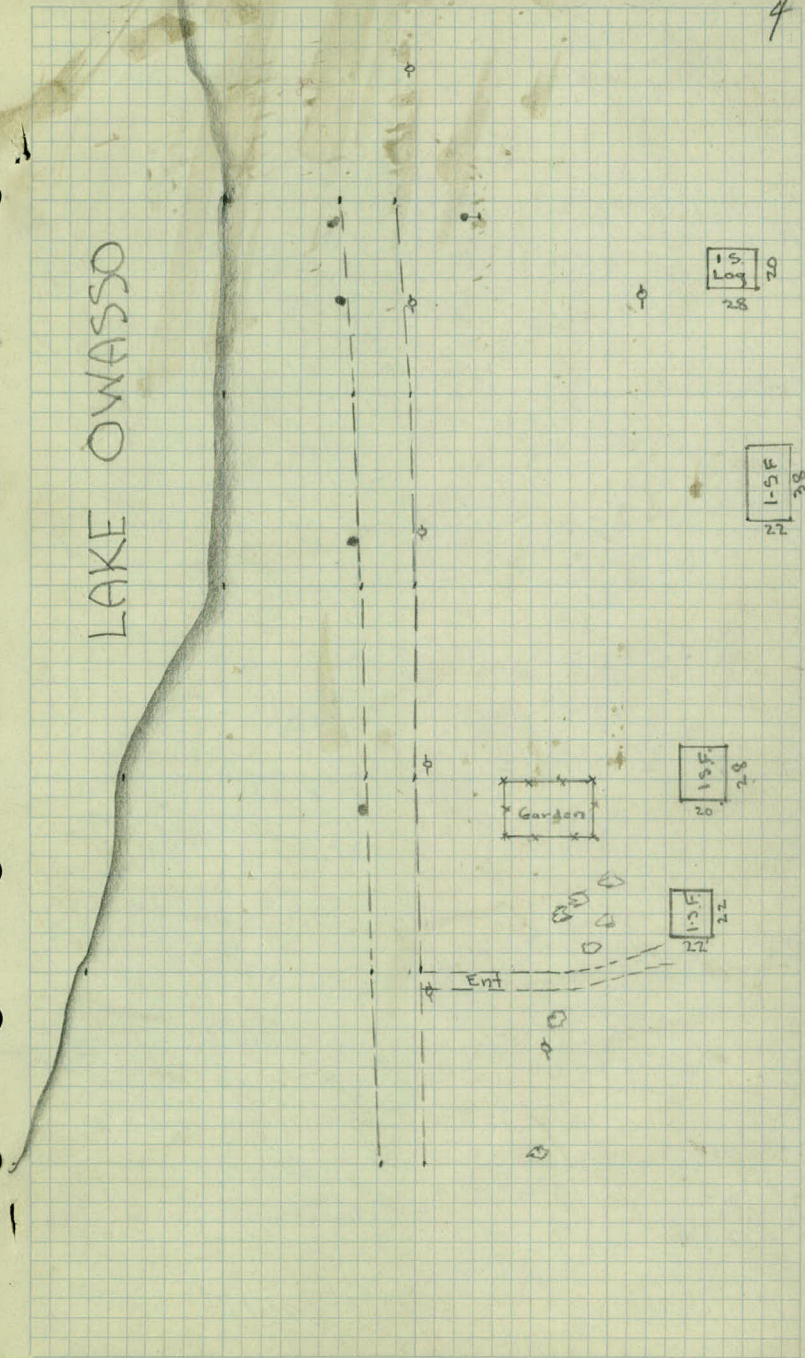
13

$$\frac{Lake}{210}$$

$$\frac{24}{17-6}$$

$$\frac{+105 TV}{63}$$

LAKE OWASSO



25

24

23

22

$$\begin{array}{r} +40 \text{ PP} \\ \hline 20 \end{array}$$

21

$$\begin{array}{r} \text{PP} \\ \hline 54 \end{array}$$

$$\begin{array}{r} +56 \text{ PP} \\ \hline 49 \end{array}$$

20

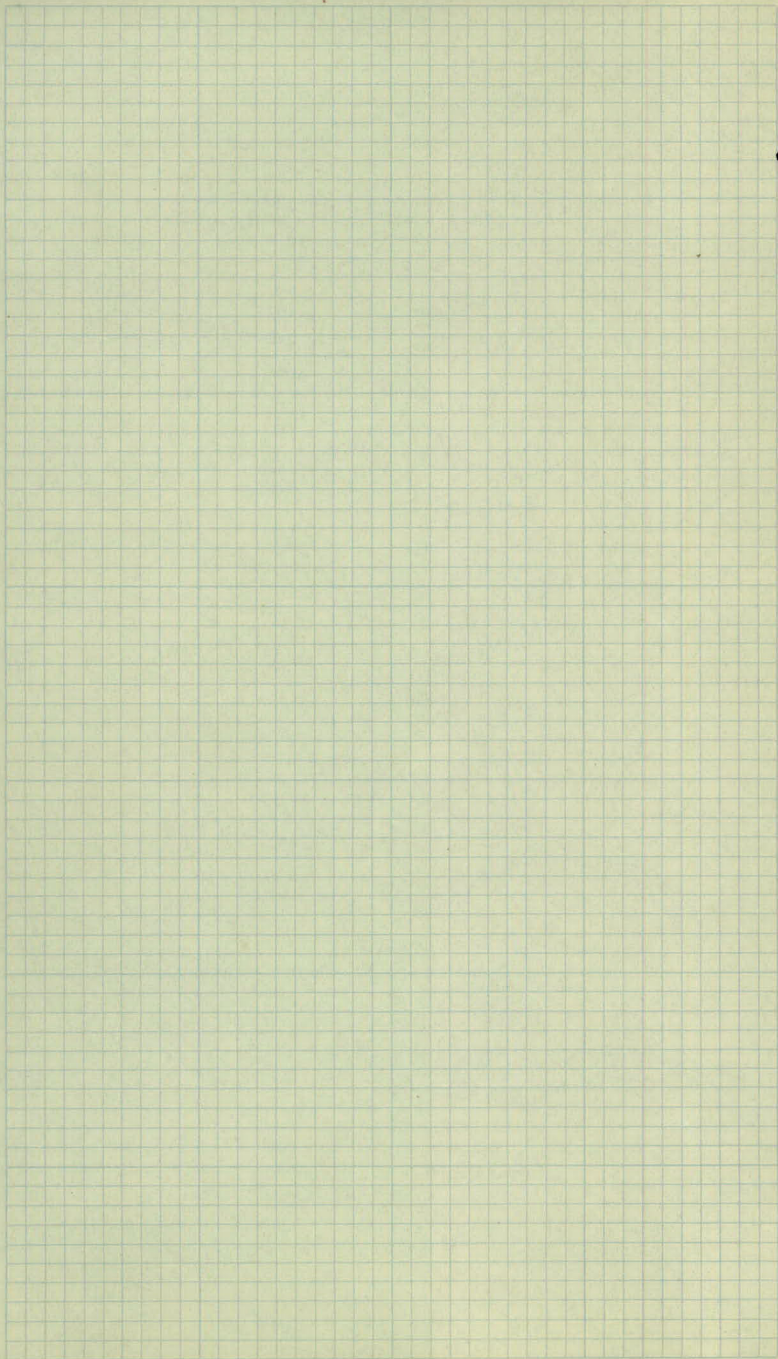
$$\begin{array}{r} +88 \text{ TP} \\ \hline 27 \end{array} \quad \begin{array}{r} +85 \text{ TP} \\ \hline 26 \end{array}$$

$$\begin{array}{r} +77 \text{ TP} \\ \hline 67 \end{array}$$

19

φ

Note— See Carlson's notes
dated 6/3/36



2/5/37

Harold Birkell

Charles Galtlin

Louis Galtberg

Larry Larson

X-Sections
of
Willkam and Chapman
Borrow
at No. Owasso Blvd

Sta	+	π	-	Elev.
B.M.	8.61	900.96 ✓		892.35

B.M.	11.69	907.85 ✓	4.80	896.16 ✓
------	-------	----------	------	----------

2+41	to Owasso Blvd.			96.2
------	-----------------	--	--	------

+63				96.1
-----	--	--	--	------

3				00.1
---	--	--	--	------

+50				06.9
-----	--	--	--	------

0	9.15	916.98 ✓	0.02	907.83 ✓
---	------	----------	------	----------

4				13.5
---	--	--	--	------

+50				14.4
-----	--	--	--	------

5				08.1
---	--	--	--	------

B.M.			3.92	913.06 ✓
------	--	--	------	----------

Spk in 24" Oak @ SW Cor. Park Triangle

set R.R. & Owasso Blvd. 241.1' So of Ctr. Sec. 36

										oo = 2+15	(H.S. Drive)
E.R. 2				ER						↑	E.R. 2
11.7	11.7	12.2	12.3	6.6	6.3	14.8					
37		59	70	90	100	152					
ER 2		ER 2	ER 2								ER 2
11.1	11.0	11.8	11.8	12.4	10.1	5.7	6.5	14.9	15.6		
100	50	12		15	33	78	100	448	159		
ER 2											ER.
11.1	10.7	5.9	7.8	8.9	6.8	8.7	15.5	16.3			
105	88	60		19	63	100	145	157			
(Edge Driveway)											ER.
12.3	12.0	15.6	11.0	1.0	1.8	0.7	12.4	16.0	16.6		
165	110	65	19		15	50	117	140	154		

Top Stake Sta 3+50

Edge Park Space

24.3	23.3	13.8	8.2	2.8	3.5	6.5	13.8	25.8	26.4	ER.
189	170	120	40	34		36	72	140	157	

Flour Shack

22.5	22.5	18.3	13.5	7.4	2.6	3.2	13.8	19.2	26.6	25.5	ER 2
142	120	100	65	29		27	72	100	144	155	

Ed La Key Ed. Rem. Ground

23.7	13.7	8.9	7.1	10.0	13.8	26.3	25.1	ER
155	63	26	24	65	81	143	156	

set Spk in 24" B.O. 10' Lt Sta 4+65

Sta + π - Elev

916.98

905.98

11.88

905.10

Q88

+50

94.8

6

89.7

+50

00

0

1306

907.59

11.45

894.53

B.M.

11.45

896.14

896.16

Do Not Excavate below this Elev.

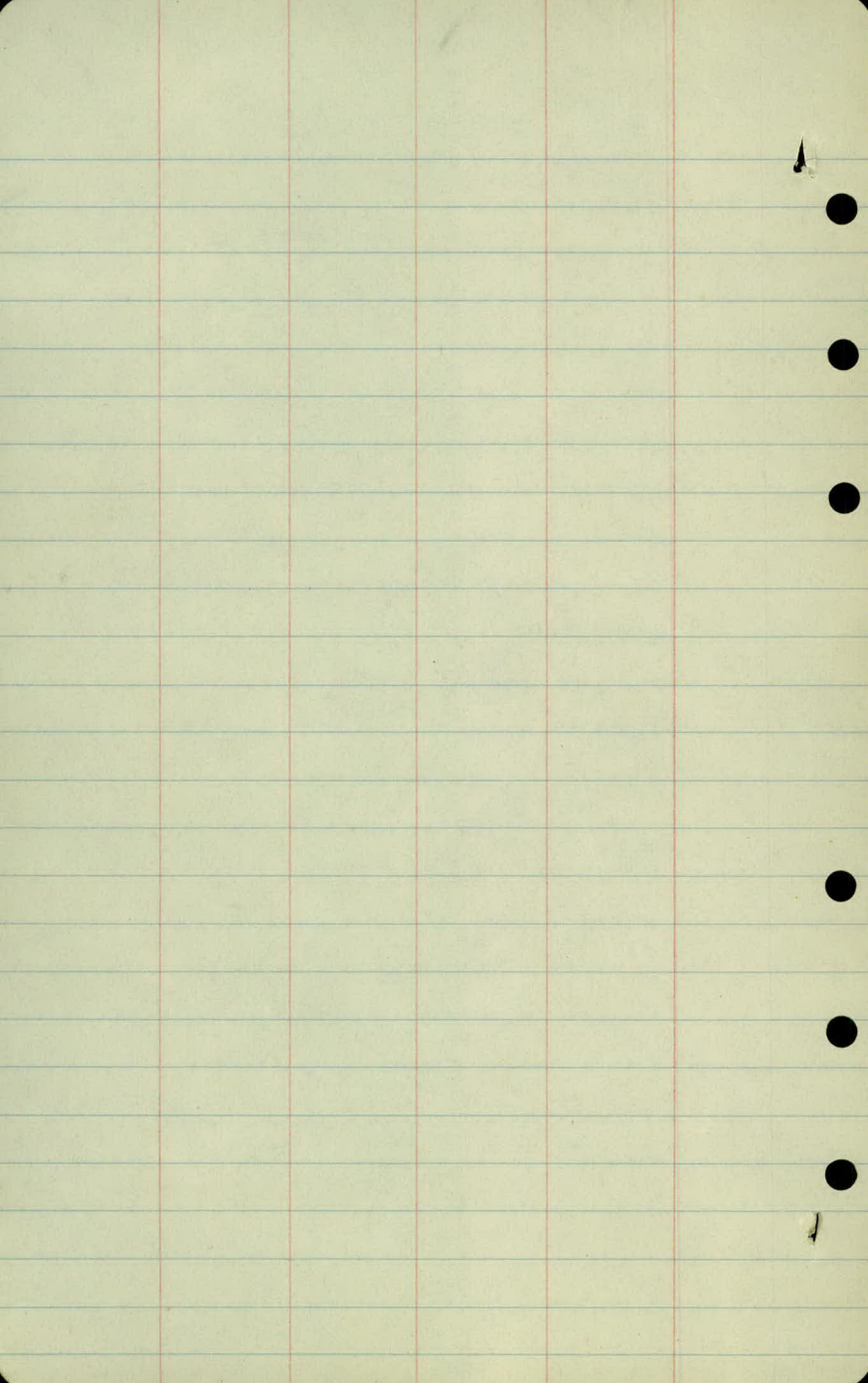
$\frac{14.3}{60}$ $\frac{13.0}{19}$ 11.2 $\frac{10.1}{22}$ $\frac{3.9}{61}$ $\frac{3.6}{77}$ $\frac{12.6}{136}$ $\frac{14.3}{146}$ $\frac{13.0}{155}$ ER₂

ER
 16.3 $\frac{15.9}{19}$ $\frac{11.8}{32}$ $\frac{7.4}{53}$ 4.0 $\frac{9.1}{82}$ $\frac{12.3}{137}$ $\frac{10.9}{144}$ $\frac{10.9}{158}$

Rock near bottom SW Cor of the West Pier on East H.S.

Drive

Spk & Owassa Blvd 24' So Cor Sec 36



X-Sections
for
Pump Site Park Improvement
@
No Onosso Blvd

Sta	+	π	-	Elev
BM.	6.00	898.35 ✓		892.35
		DD = Sta 12+00		

13				98.1
----	--	--	--	------

14				94.5
----	--	--	--	------

15				93.4
----	--	--	--	------

16				93.0
----	--	--	--	------

17				93.0
----	--	--	--	------

18				91.1
----	--	--	--	------

BM			6.00	892.35 ✓
----	--	--	------	----------

SpK in 24" Oak 46' Lt Sta 21+42

Top Book L&K

4	128	86	74	71	61	0.3	ER	ER	0.5	2.5	34	0.2
	210	185	100	77	39	17	0.3	6	16	29	49	

E. L. 46' 3

12.6	9.2	7.0	3.6	5.9	4.0	6.7	7.5	8.0	6.1	Same Slope
171	100	40	23	5	17	36	69	96		

E.L.

12.9	11.1	9.1	4.9	5.3	7.6	8.3	8.8	9.0	8.7	6.2	Ground
153	100	54	26	5.0	2	16	28	45	69	100	130
				ER	5.4	5.8	8.2				
						13	27				

E.L.

12.6	11.4	8.4	8.2	10.6	10.0	8.0	5.7	5.8
100	78	28	41	56	95	137	174	

Floor Hb 2.8

140' 21+54 16+75

E.L.

12.5	11.5	4.6	5.0	5.4	7.2	8.2	10.6	10.1	9.1	8.2	5.8
100	69	33	3	10	24	43	58	76	100	117	171

E.L.

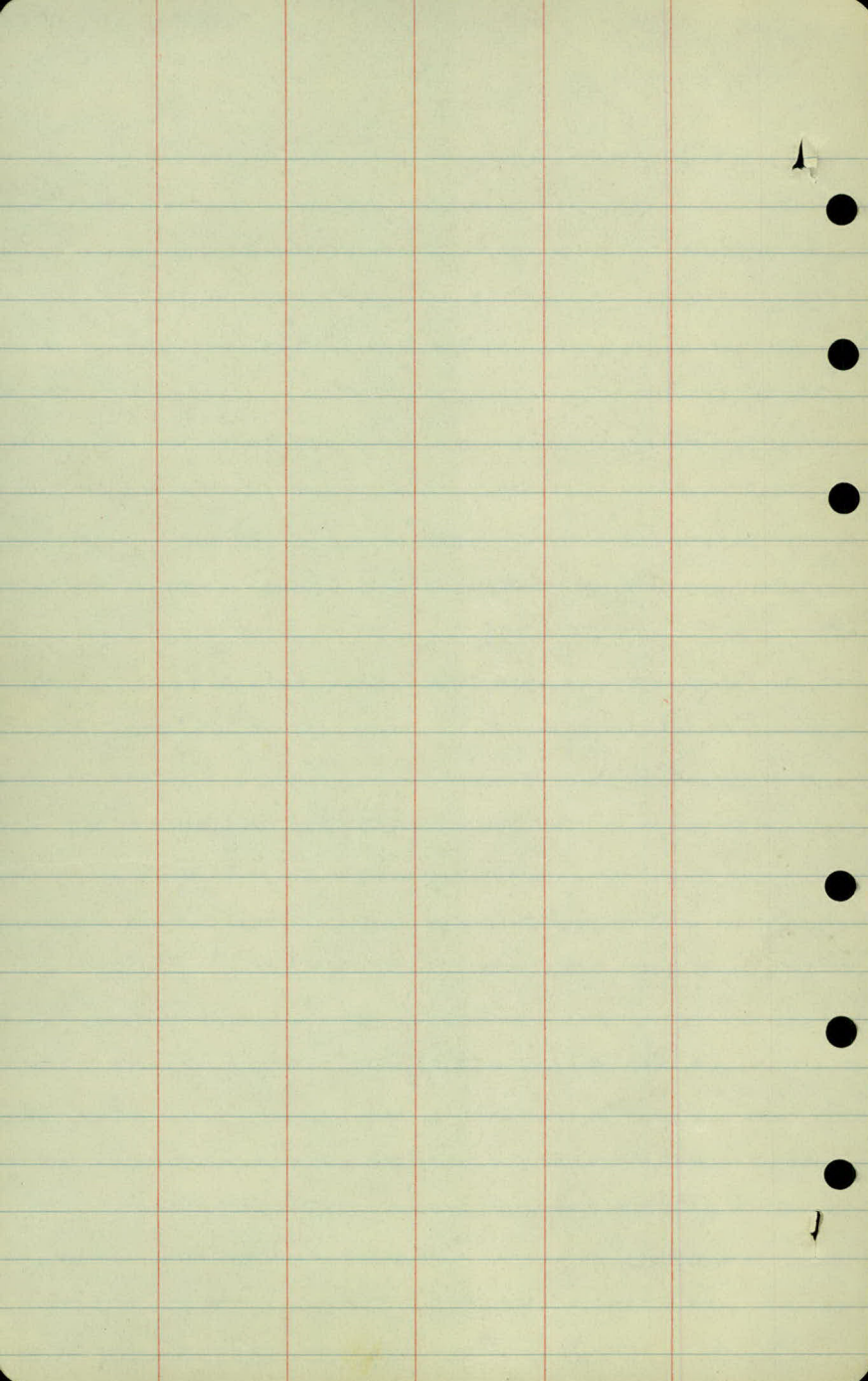
13.0	12.0	5.1	5.5	7.3	8.6	8.9	10.8	9.2	6.3	4.7
100	72	40	11	17	43	63	100	150	141	

Floor Log Cabin 3.2

130 Lt Sta 18+00

SpK in 24" Oak 46' Lt Sta 21+42

Note - 18+75 Beg 20' New Shoulder on So Side Rd
400' Long (To be plotted on Carlson's X-Sections)



2/8/37

Harold Purcell

Charles Gottfried

Louis Goldberg

Lorry Lousin

Original X-Sections

of

Dump @ E. End Horseshoe Drive

Ssta	+	Σ	-	Elev
B.M.	3.40	899.56		896.16

1		00		
---	--	----	--	--

+20				95.3
-----	--	--	--	------

+50				95.0
-----	--	--	--	------

2				94.5
---	--	--	--	------

+50				93.6
-----	--	--	--	------

+91	Pl. 36" x 76" CM with Droplet on ht (Unable to locate old coil)			
-----	--	--	--	--

3				93.0
---	--	--	--	------

+50				93.2
-----	--	--	--	------

+75		00		
-----	--	----	--	--

B.M.		5.05		894.51
------	--	------	--	--------

Spt in E Rd 241' So. of the Cr. of Sec 36

4.1
ER. E Rd (H.S. Drive)
 $\frac{8.1}{212}$ $\frac{11.0}{196}$ $\frac{8.9}{169}$ $\frac{8.3}{149}$ 43

ER. H.S. Dr.
 $\frac{5.2}{223}$ $\frac{6.3}{200}$ $\frac{11.4}{174}$ $\frac{11.8}{131}$ $\frac{9.8}{110}$ $\frac{8.5}{95}$ $\frac{6.5}{69}$ $\frac{5.9}{52}$ 46

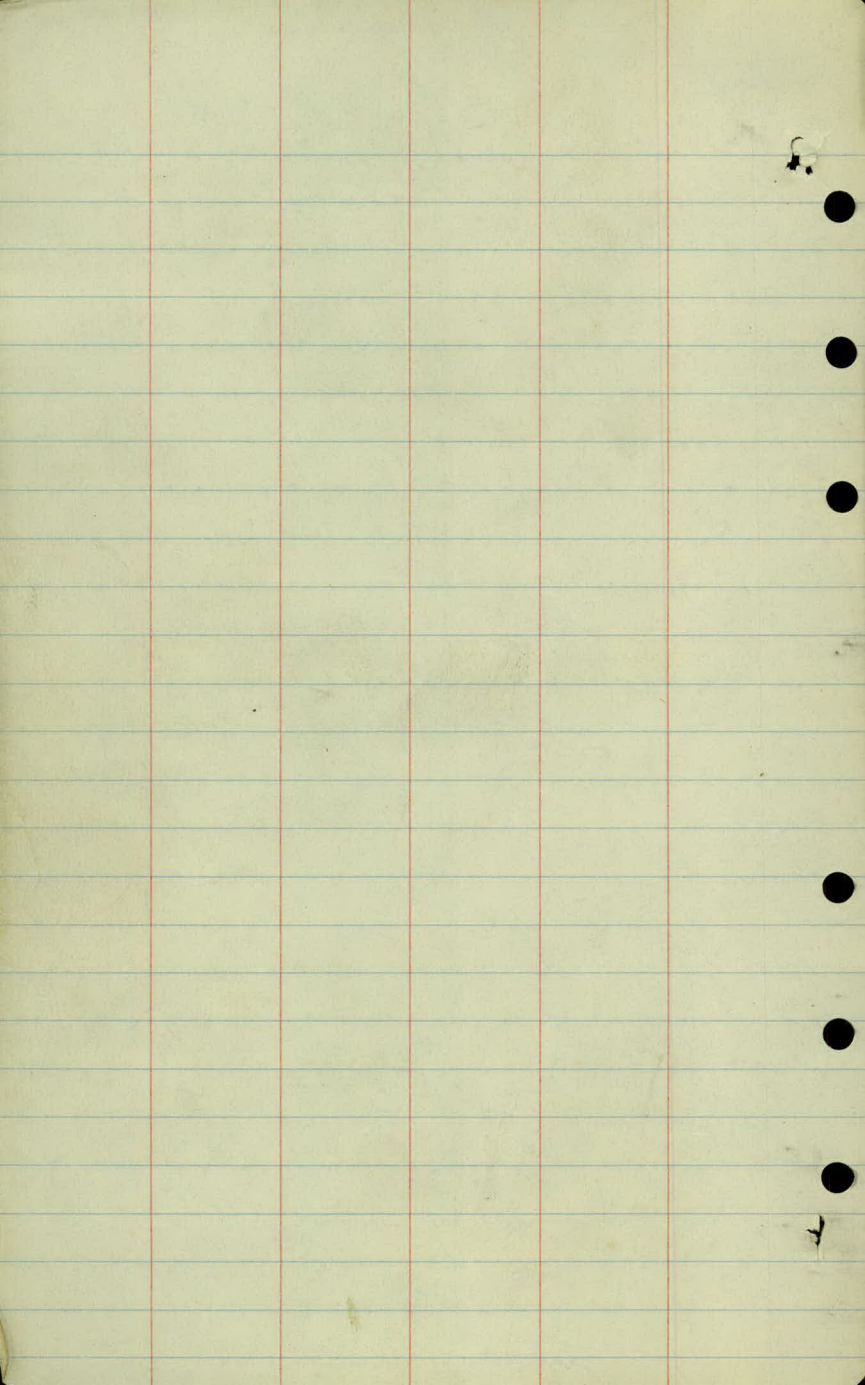
$\frac{3.1}{200}$ $\frac{11.8}{132}$ $\frac{12.3}{100}$ $\frac{8.2}{84}$ $\frac{6.2}{53}$ $\frac{5.8}{27}$ $\frac{5.4}{13}$ 5.1 $\frac{5.6}{13}$ $\frac{6.0}{21}$ $\frac{5.3}{28}$ $\frac{3.2}{84}$ $\frac{2.9}{100}$

$\frac{2.7}{162}$ $\frac{11.0}{112}$ $\frac{12.7}{74}$ $\frac{7.0}{24}$ $\frac{6.5}{14}$ 6.0 $\frac{6.4}{12}$ $\frac{10.8}{25}$ $\frac{10.2}{48}$ $\frac{8.8}{68}$ $\frac{6.5}{100}$

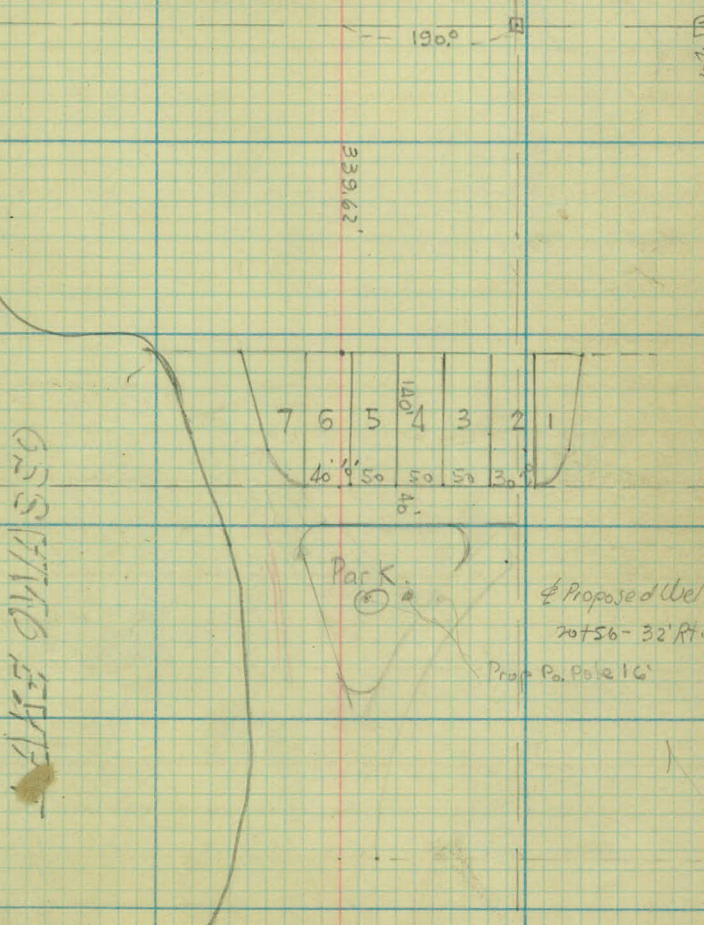
$\frac{5.7}{89}$ $\frac{10.6}{77}$ $\frac{12.5}{58}$ $\frac{13.6}{37}$ $\frac{7.3}{24}$ $\frac{6.9}{18}$ 6.6 $\frac{6.9}{13}$ $\frac{12.6}{26}$ $\frac{15.0}{37}$ $\frac{13.6}{42}$ $\frac{12.3}{77}$ $\frac{11.8}{100}$

$\frac{4.5}{57}$ $\frac{10.3}{35-28}$ $\frac{7.0}{20}$ $\frac{6.7}{18}$ 6.4 $\frac{6.9}{14}$ $\frac{10.9}{35}$ $\frac{12.0}{100}$

Stone near bottom SW Cor of W. Pier @ E. Horseshoe Drive East

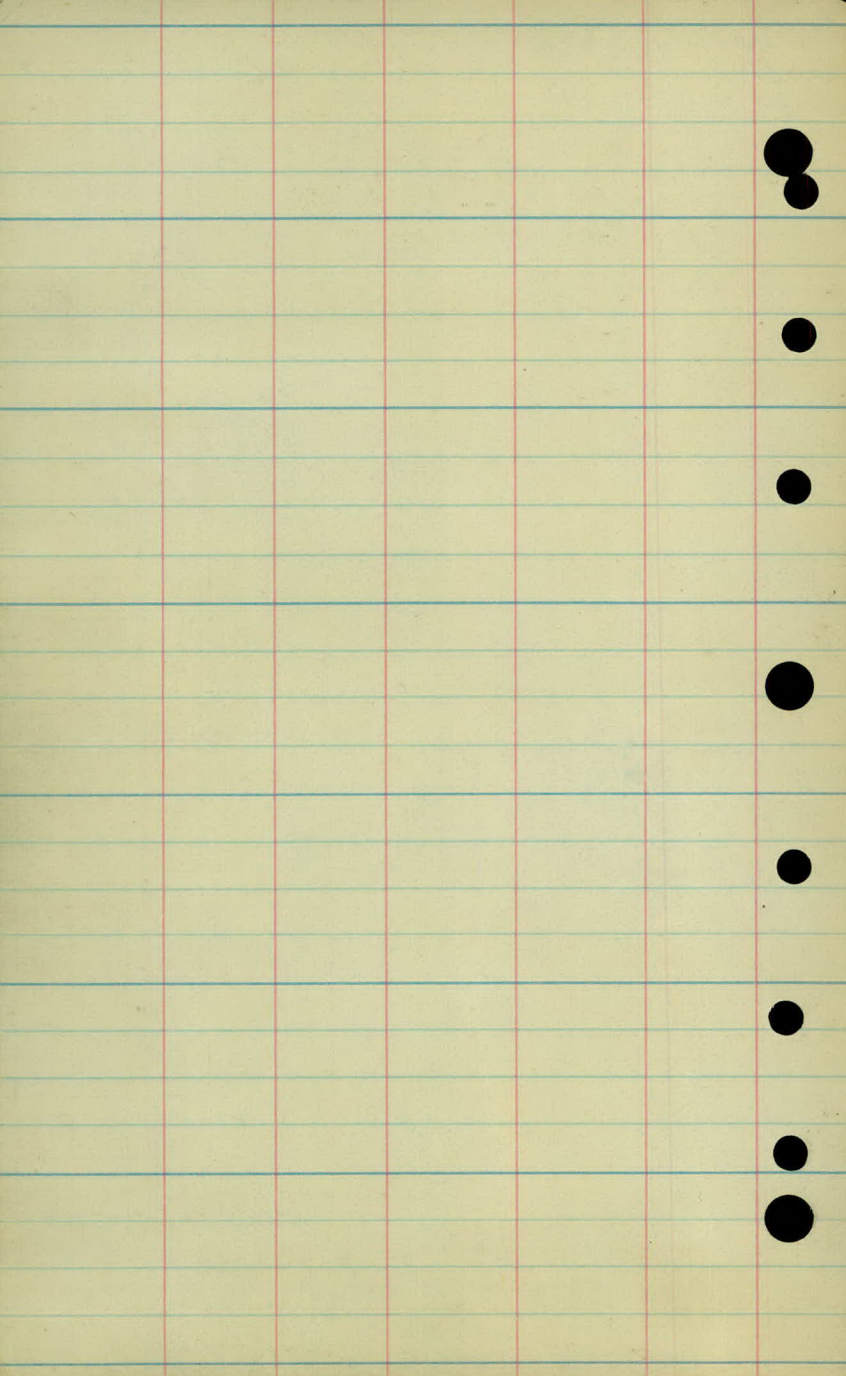


Lake Owasso Pump Site



W. A. Carlson

6/2/36



Alignment.

Sta. Point.

21 + 48.16 $\angle$ Onasso End = W. Prop. Line Park Pl.

21 + 28.16 = $\angle$ Park Place.

17 + 55.59 R.O.T.

4 + 79.87 $\angle$ $\angle$ ⁰⁰ LINE R.R.

0 + 00 = $\angle$ Rice St.

OSGARD STREET

B' LINE

A LINE

PARK.

12" Oak

45.57

181.15

83.5

9up 10

38.58

17

40.0

P. Pole.

6.15

36.0

I.P.

53.75

6.0

Centre

752.5

40.0

80.0

5417.97

37.55

5483.29

N.E. Cor.
200.36

9.0
17.0

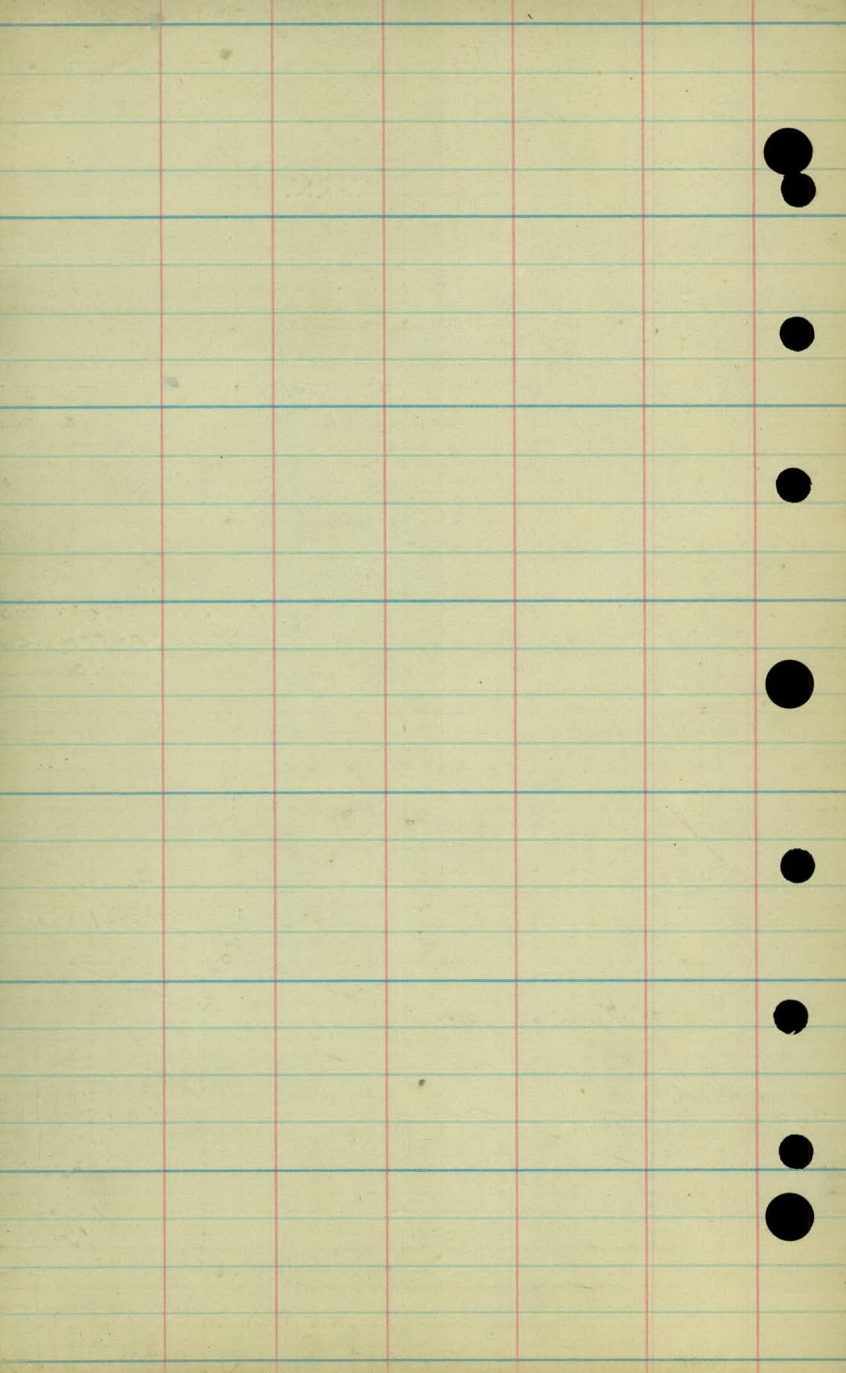
190.0

Hole in Pavement

149.02
449.07
P. 409.5
L.G. 350.

539.62 to Sec. 11A
24" Willow 1969

6 Lake N. N. 195.50



Topography

21448-WE
128

+42-12" Oak
46'

+64-R.R. 54'

W.E

121

81' Rd-55'

+50-W.E

109'

70' - Rd-43'

W.E

95'

61' - Rd-33'

190-R.R. 6

27'

W.E

90'

52' - Rd-26'

W.E 88'

46' - Rd-19'

+72-R.R. 2'

W.E 86'

29' - Rd-15'

W.E. 79'

23' - Rd-10'

21448-RA
91 - 67'

(2)

Tanvier

2150

2149 1/2 W. Poplar & E. Park Place

5

2040

G.R. 189

G.R. 113

G.R. 84

G.R. 65

G.R. 50

1840 G.R. 45

1740 - G.R. 1153

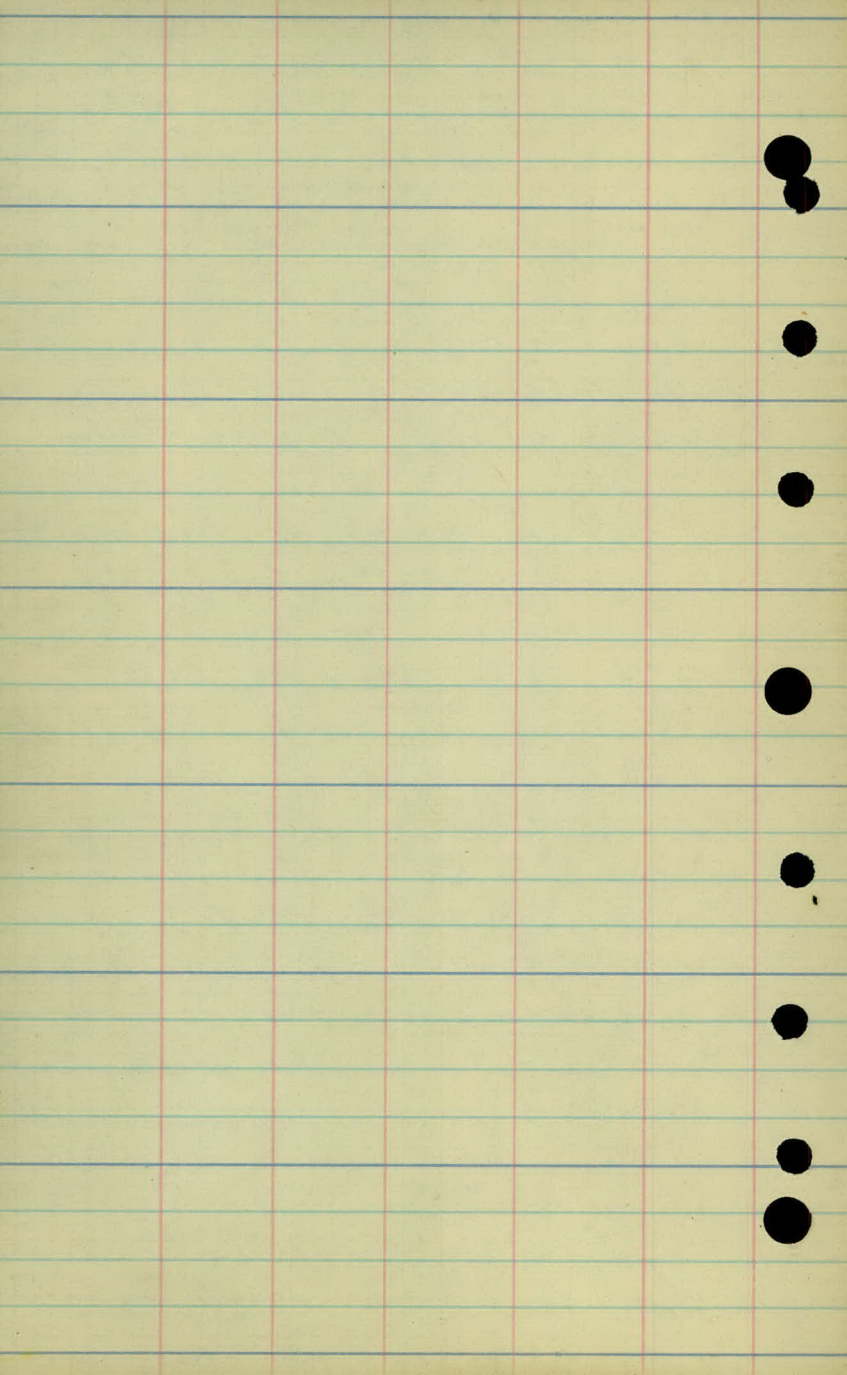
Extended

1940

ONASSO

G.R. Post on 1/4
140 - Curve
Small Poplars

1840



Topography.

2440

2370 (+99)

+80

22700

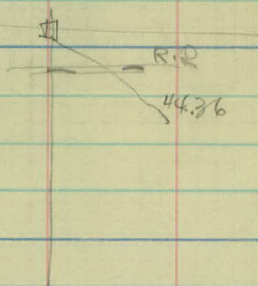
+81-14" Bx Elev.
1'+19-30" ca H
45

+87-12" W/H-8'

+78-18" W/H-aero

21750

10' B.O.C.
Cutoff
89.88



Levels & Cross Sections

Sta.	+	π	-	Elev.
B.M.	6.20	931.33 ✓		925.13 ✓
7			7.70	923.63 ✓
T.P.	1.37	929.55 ✓	3.15 ✓	928.18 ✓
✓	0.13	916.45 ✓	13.23 ✓	916.32 ✓
✓	1.09	904.32 ✓	13.22	903.23 ✓
B.M.	1.62	897.70 ✓	8.24	896.08 ✓
W.S.			11.07	886.63 ✓

22+0

21+48-

21+0

20+50

20+0

19+50

Spike in P.P. N.W. Cor. Dwasso Blvd N. & Rice St -
 Approx 2 Vadsais Blvd So. & Rice.
 Top West Rail 2 Dwasso Blvd. as Established.

Bolt in Arc. Lt. Pole. 5' Rt. Sta. 13190

86.63	88.4	90.5	91.3	91.6	91.4	92.1	92.6	92.0	90.0	87.7	87.8	88.9
11.07	93	7.2	3.4	3.1	3.3	5.6	5.1	5.7	7.7	10.0	9.9	8.8
171	156	129	113	98	85	66	56	43		50	100	150

86.63	91.2	92.1	93.6	94.0	93.8	90.7	88.9	87.1	86.7	87.1
11.07	65	56	41	3.7	3.9	7.0	8.8	10.6	11.0	10.6
WE. 138	117	100	92	80	70	60		60	100	150

86.63	89.5	93.3	93.7	93.4	90.3	88.8	87.8	87.0	86.7	87.2	86.7	86.5
11.07	82	44	4.0	4.3	7.4	8.8	9.9	10.7	11.0	10.5	11.0	11.2
WE. 121	95	82	70	55	35		55	100	135	18=GR	193	200

86.63	88.5	93.0	93.5	93.0	90.3	89.3	87.6	87.4	87.0	86.3	86.5
11.07	92	47	4.2	4.7	7.4	8.4	10.1	10.3	10.7	11.4	11.2
WE. 109	88	73	58	41	25		60	100	157=GR	157	200

86.63	89.1	92.9	93.6	93.2	90.6	89.9	88.2	88.0	86.5	86.3
11.07	86	48	4.1	4.5	7.1	7.8	9.5	9.7	11.2	11.4
WE. 95	78	61	50	35	16		64	110=GR	120	140

86.63	88.6	93.2	93.7	93.4	91.1	90.3	89.2	88.6	86.7	86.5
11.07	91	45	4.0	4.3	6.6	7.4	8.5	9.1	11.0	11.2
WE. 90	74	54	40	27	12		38	86=GR	93	120

Stn. + π - Elev

897.70

1940

18450

T.P.

3.55

✓
892.52

8.73

✓
888.97

A-Line 040 = 2148

240

2465

340

440

408

Begin Water + Brush.

4480

540

Marshy
Water.

740

Approx Lake Shore

South Lt.

2

Rt. North

10

W.E. $\begin{array}{r} 86.63 \\ 11.07 \\ 88 \end{array}$ $\begin{array}{r} 88.9 \\ 83 \\ 62 \end{array}$ $\begin{array}{r} 93.2 \\ 45 \\ 46 \end{array}$ $\begin{array}{r} 93.1 \\ 40 \\ 32 \end{array}$ $\begin{array}{r} 93.3 \\ 44 \\ 21 \end{array}$ $\begin{array}{r} 91.1 \\ 6.6 \\ 7 \end{array}$ $\begin{array}{r} 90.1 \\ 7.6 \\ \hline \end{array}$

$\begin{array}{r} 89.0 \\ 8.7 \\ 35 \end{array}$ $\begin{array}{r} 88.7 \\ 9.0 \\ 65.7 \end{array}$ $\begin{array}{r} 86.7 \\ 11.0 \\ 78 \end{array}$ $\begin{array}{r} 86.9 \\ 10.8 \\ 100 \end{array}$

W.E. $\begin{array}{r} 86.63 \\ 11.07 \\ 86 \end{array}$ $\begin{array}{r} 88.9 \\ 8.9 \\ 57 \end{array}$ $\begin{array}{r} 93.1 \\ 46 \\ 41 \end{array}$ $\begin{array}{r} 93.6 \\ 41 \\ 27 \end{array}$ $\begin{array}{r} 93.2 \\ 45 \\ 16 \end{array}$ $\begin{array}{r} 90.5 \\ 7.2 \\ \hline \end{array}$

$\begin{array}{r} 88.7 \\ 9.0 \\ 57.6 \end{array}$ $\begin{array}{r} 86.9 \\ 10.8 \\ 60 \end{array}$ $\begin{array}{r} 87.4 \\ 10.3 \\ 100 \end{array}$

AL in East or Rt.

$\begin{array}{r} 87.3 \\ 5.2 \\ 35 \end{array}$ $\begin{array}{r} 86.3 \\ 6.2 \\ 38 \end{array}$ $\begin{array}{r} 85.3 \\ 7.2 \\ 41 \end{array}$ $\begin{array}{r} 86.3 \\ 6.2 \\ 41 \end{array}$ $\begin{array}{r} 86.3 \\ 6.2 \\ 60 \end{array}$

(Ditch)

$\begin{array}{r} 88.9 \\ 3.6 \\ 57 \end{array}$ $\begin{array}{r} 84.3 \\ 4.2 \\ 57 \end{array}$ $\begin{array}{r} 86.4 \\ 6.4 \\ 58 \end{array}$ $\begin{array}{r} 88.3 \\ 4.2 \\ 62 \end{array}$

$\begin{array}{r} 86.8 \\ 5.7 \\ 58 \end{array}$ $\begin{array}{r} 87.1 \\ 5.6 \\ 58 \end{array}$ $\begin{array}{r} 87.8 \\ 4.7 \\ 55 \end{array}$ $\begin{array}{r} 86.1 \\ 6.4 \\ 56 \end{array}$ $\begin{array}{r} 87.8 \\ 4.7 \\ 59 \end{array}$

$\begin{array}{r} 84.2 \\ 8.3 \\ \hline \end{array}$ $\begin{array}{r} 84.8 \\ 7.7 \\ 50 \end{array}$ no Ditch

✓
883.9 ✓
860
WS
83.4
9.1
83.3
9.2

Over.

Sta.

+

π

-

Elev.

892.52 ✓

5.86

894.83 ✓

3.55

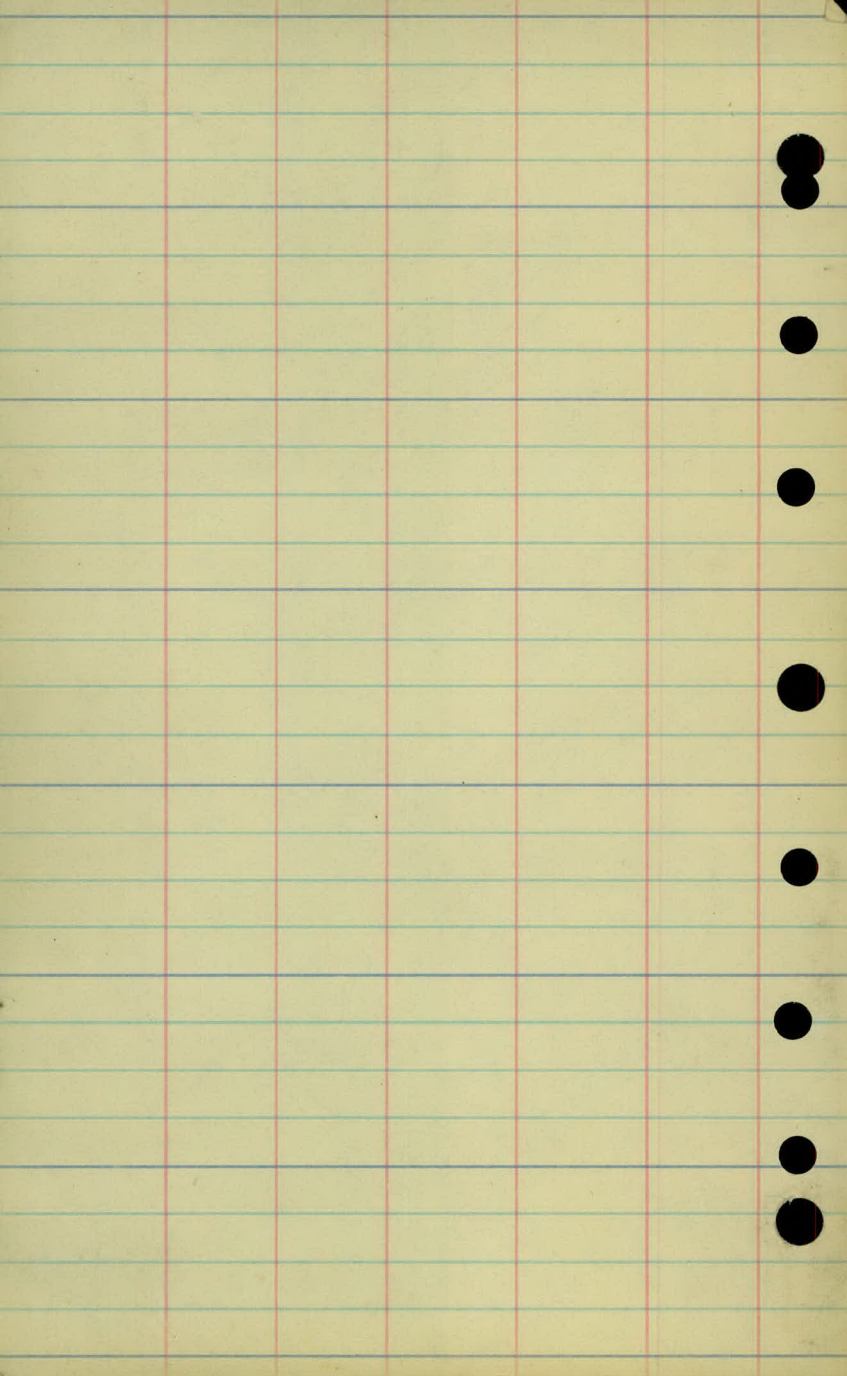
888.97 ✓

B.M.

2.48

892.35 ✓

R.R. spike in 24" oak 46' Lt. Sta. 21+42



[illegible]

931.33
3.15

928.18
1.37

929.55
1323

$$\begin{array}{r} 916.32 \\ 0.13 \end{array}$$

916.45
13.22

903.23
1.05%

904. 32
8. 2.4

896.08
1.62

897.70
8.73

888.97
3.55

9252
903.92

$$\begin{array}{r} 888.97 \\ 5.86 \end{array}$$
$$\begin{array}{r} 394.83 \\ 7.48 \\ \hline \end{array}$$
$$\begin{array}{r} 31.33 \\ 7.7 \\ \hline 23.63 \end{array}$$
$$\begin{array}{r} 8663 \\ 83 \overline{) 8663} \\ \underline{83} \\ 36 \\ 32 \\ \underline{4} \\ 40 \\ 39 \\ \underline{1} \\ 10 \\ 9 \\ \underline{1} \end{array}$$

Owasso Blvd

925.13

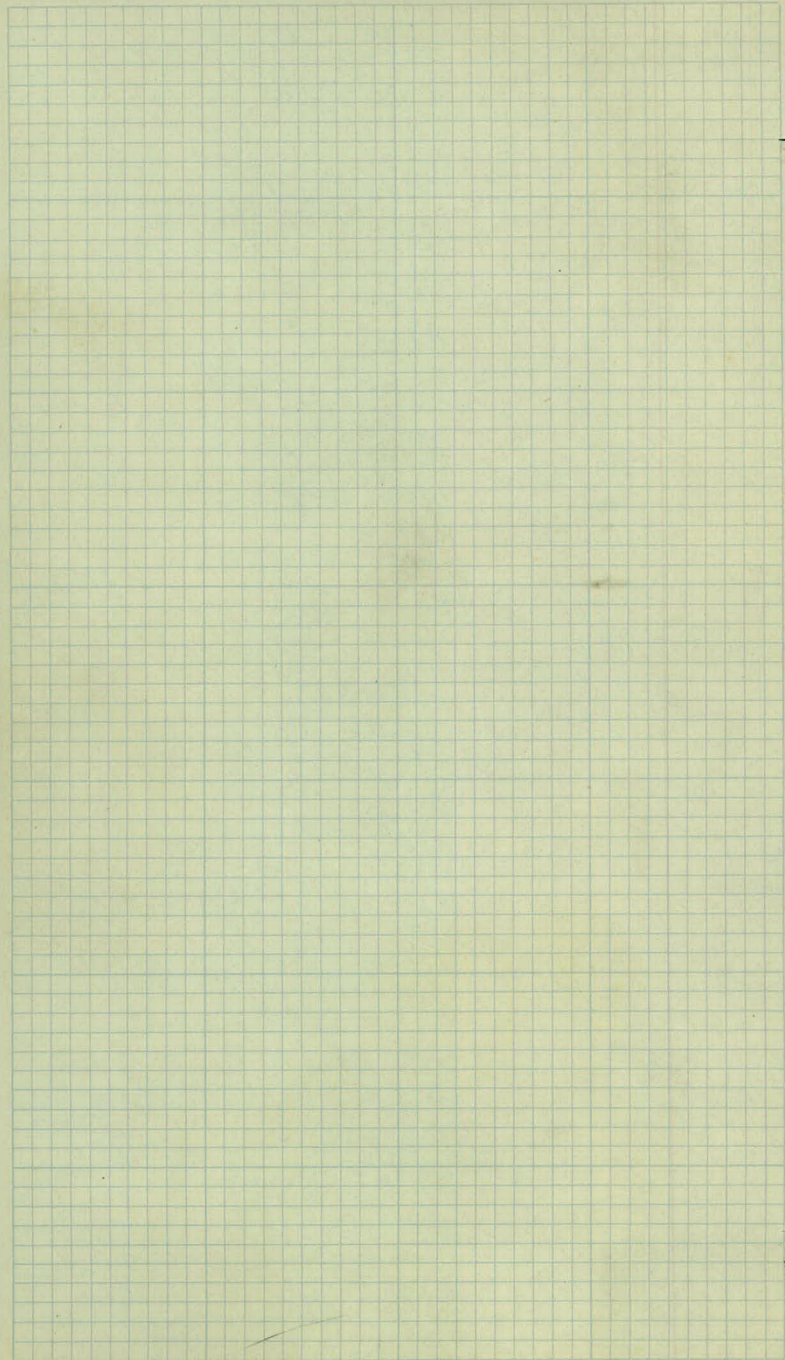


Plan Survey.

Location of Well and Power Pole

and X-sec, for Pipe Line & Ditch

W. A. Carlson
April 29, 1987



W. Prop Line 21+48.16

21+28.16

± Park Place

H-Line

E. Prop Line 21+08.16

← To Lake Owasso

90° 90°

K-Line

90°

To Lake
Owasso

53.38

90°

± Well 20+54.78

11

32.1

17.5

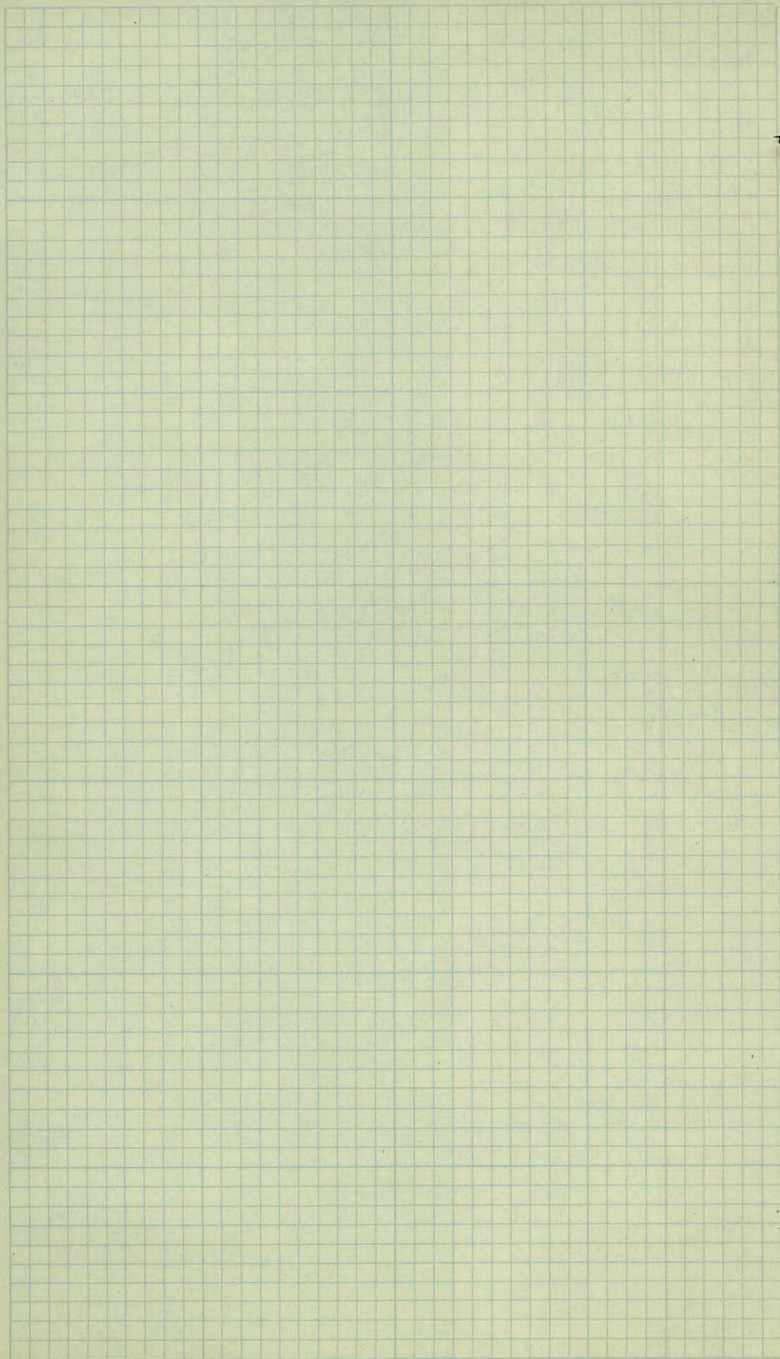
E Well

B.R. 10

- 20

Note: add info
see original notes

± Owasso Blvd.



X-Sections

&

Levels -

Proposed Pipe Line & Ditch

OWASSO Pump.

X-Sections for Proposed Pipe Line and Open Ditch $\pm$

Sta. + T - Elev.

B.M. 1.10 893.45 x 892.35

Levels & X-Sections "K" Line (to Lake Wabasso)

0+00 = (21+08.16) 89.1

0+32.1 88.0

1+0 87.2

1+50 87.0

1+95 86.7

2+0 85.5

+ 45 87.2

+50 87.6

+70 88.4

3+0 87.5

T.P. 2.84 891.00 5.29 888.16

2 Park Place

A

20'

East Prop Line

W.H.C.
K.A. 4/29/27
L.B.H.
A.M.

R.R. Spike 24" Oak 46' Lt. Sta. 21+42

Lt. or West

Rt. or East

$$\frac{4.3}{20}$$

$$\frac{4.4}{10}$$

$$\frac{4.6}{0}$$

$$\frac{88.0}{0}$$

$$\frac{87.9}{0}$$

$$\frac{88.54}{0}$$

$$\frac{5.6}{20}$$

$$\frac{5.5}{10}$$

$$\frac{5.3}{0}$$

$$\frac{5.6}{91.0 \text{ Well}}$$

$$\frac{4.91}{53.38}$$

$$= \text{Top Casing}$$

$$= \text{2 Well}$$

$$\frac{6.2}{20}$$

$$\frac{6.3}{10}$$

$$\frac{6.5}{0}$$

$$\frac{6.2}{20}$$

$$\frac{6.5}{10}$$

$$6.6$$

$$\frac{6.5}{20}$$

$$\frac{6.8}{10}$$

$$6.7$$

$$\frac{7.0}{20}$$

$$\frac{8.0}{10}$$

$$\frac{8.8}{0}$$

$$\frac{5.6}{20}$$

$$\frac{6.3}{10}$$

$$7.6$$

$$\frac{5.6}{20}$$

$$\frac{5.9}{10}$$

$$5.4$$

$$\frac{4.9}{20}$$

$$\frac{5.1}{10}$$

$$4.3$$

$$\frac{6.0}{20}$$

$$\frac{6.0}{10}$$

$$\frac{6.1}{0}$$

£

Sta.

+

T

-

Elev.

891.00

3+50

85.8

4+0

84.9

5+0

83.4

5+60

6+70 = Approx station line.

$$\frac{4}{20}$$

$$+ \quad 20^{\circ} \quad -$$

lt. or West

$$\frac{3.5}{20}$$

$$\frac{5.2}{10}$$

5.0

End Ditch $\frac{4.8}{20}$ 61

59

$$\frac{7.6}{20}$$

$$\frac{7.6}{10}$$

7.6

882.85.

8.15

Marshall

£

Sta.	+	π	-	Elev.
B.M.	2.57	894.92		892.35
Levels & X-sections "H" Line (to Lake Owasso)				
0+00 - (21+08.16)				
0+40				90.8
0+55				93.2
0+85				93.5
1+07				94.0
1+34				90.0
1+65				85.7
1+75 -	Shore Line.			

W.H.C.
K.A. 4-29/37
L.B.H.
K.A.

East Drop Line

20'

East Place

Rt. or West

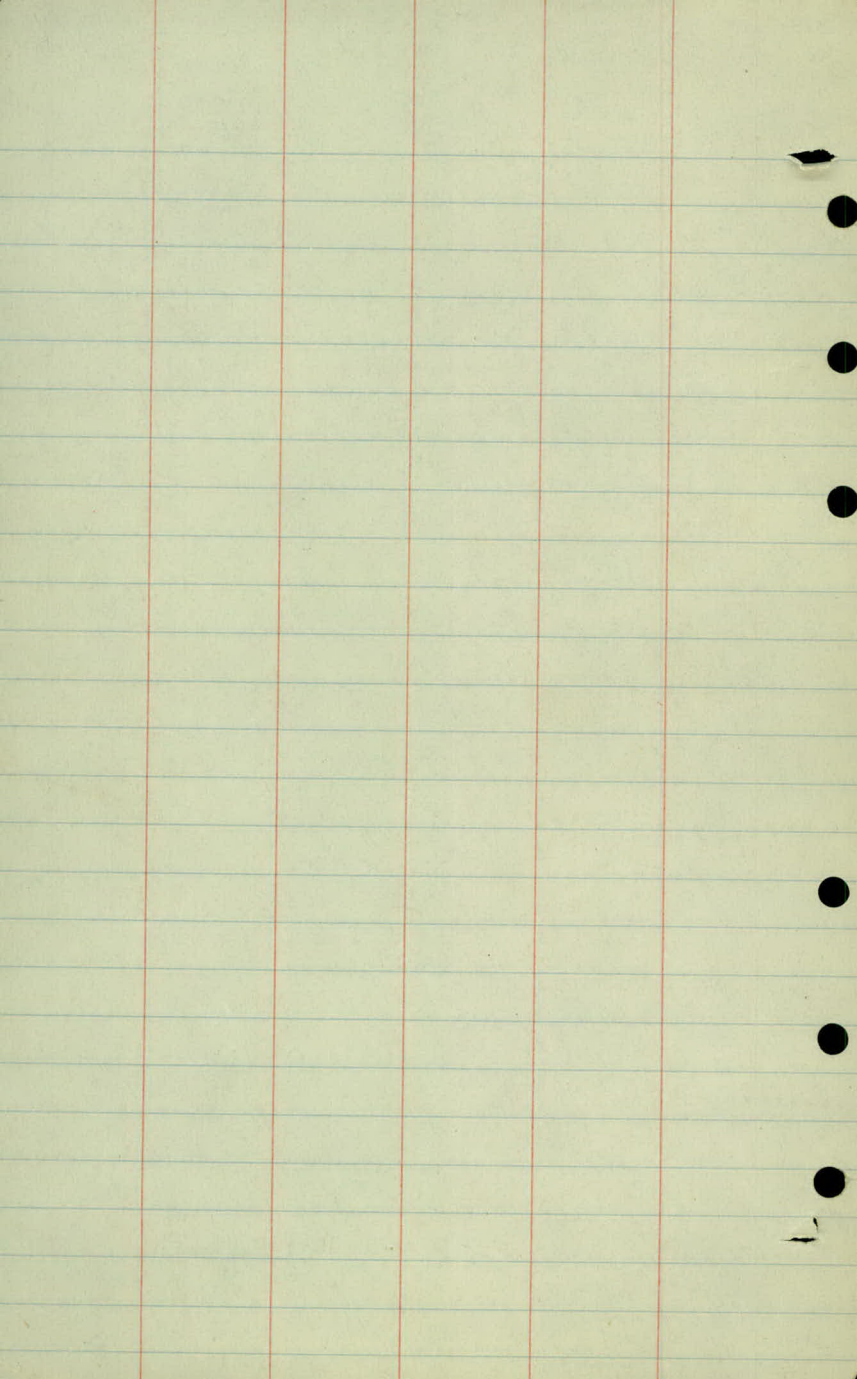
4.24.1
104.0
201.21.7
101.5
201.41.4
101.2
201.00.9
100.9
205.04.9
104.8
209.29.2
109.2
20

885.29
96.2 - W.S.

Normal = 87.0

33 - pieces 10" x 16" c.l. Pipe

33
148
528



Quasso Well.

5/4/37

(2)

+ π - Elev.

(Sits in 24" dia
 5m. Co. Park
 Triangle

B.M. 1.68 894.03

897.35

Top of Pipe
Casing

5.48 888.55

Top of Water
in Well

33.03 861.00

Lake Owasso

Pump #14

H. Bratager

Top of Floor in
 Pump House
 to be 894

MAY 3, 1937
A.W.L.

WELL #14
L. OWASSO

SOUNDINGS FOR PUMP HOUSE



SAND FILL
X PEAT = ELEV. 884.00

23'

TOP CASING
= ELEV. 888.54

SAND FILL
X 12'

PEAT = 884.5



12'

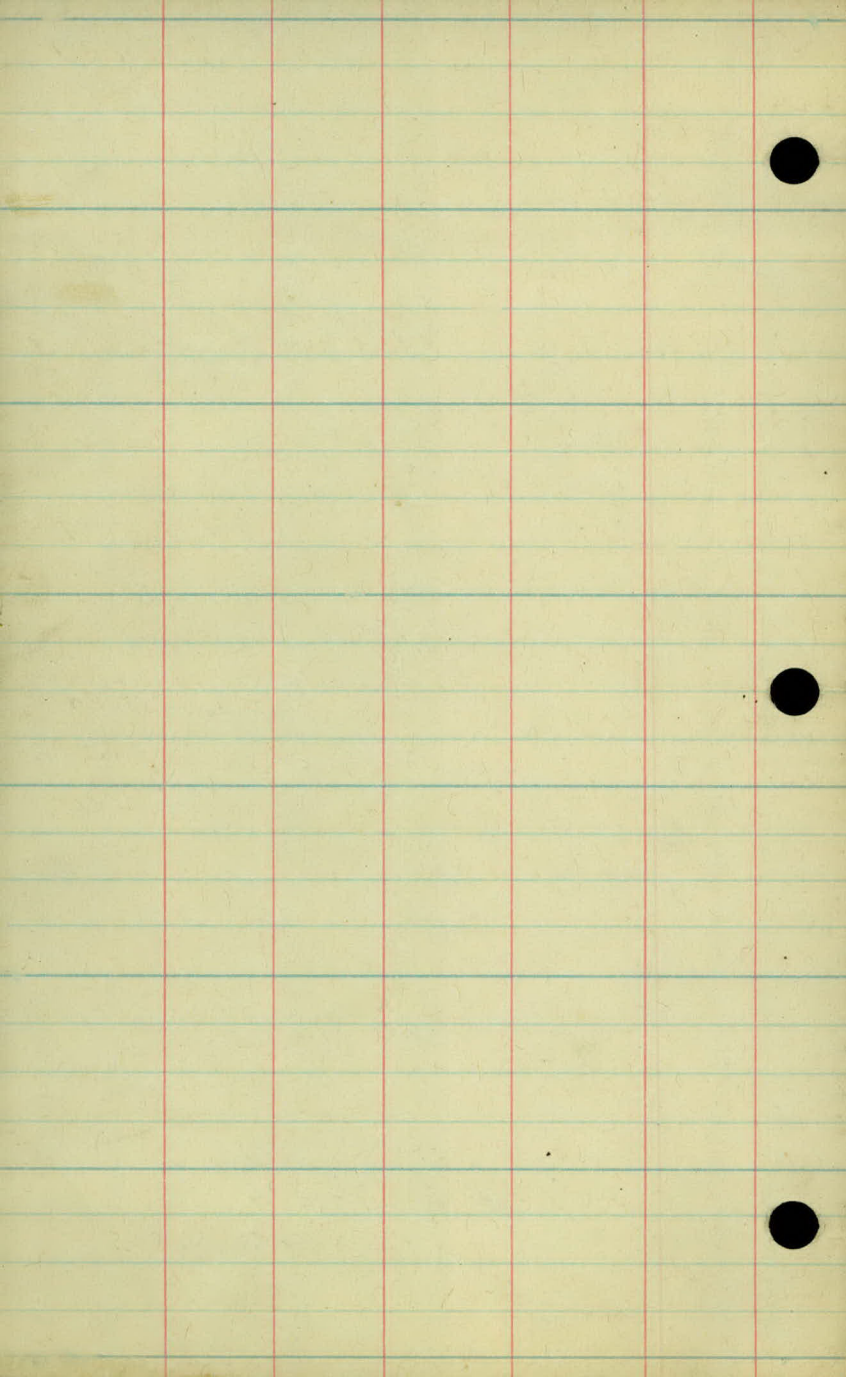
SAND FILL

X
PEAT = 885.0

12'

X
SAND FILL
PEAT = 885.5

PROPOSED BOTTOM
OF FOOTINGS = 886.7



Pipe Line
per Plans.

WNB.

Aug. 26. 1937

B.M.

3.87

896.22

896.42

Fl. Line
16" Pipe

892.35

Sta. + -

Grade

G.R.

0+00 Bldg.

90.0

28' W. of
0+18 = Pump Ho.
31.2

89.80

6.62

0+00

89.73

6.49
6.69

0+20

89.69

6.73

0+40

89.65

6.77

0+60

89.61

6.81

0+80

89.57

6.85

1+00

89.53

6.89

1+20

89.49

6.93

1+40

89.45

6.97

fine
lot of Pump

3.79

896.12

297

893.17

892.35

Top Stake
5' West

Cut

Ground

4.62 1.8
 2.0

4.69 1.8
 2.0

4.73 1.8
 2.0

4.77 1.8
 2.0

2.71 2.4
 4.1

2.85 3.8
 4.0

1.89 4.8
 5.0

4.93 1.8
 2.0

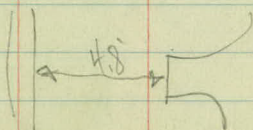
6.97 0.0

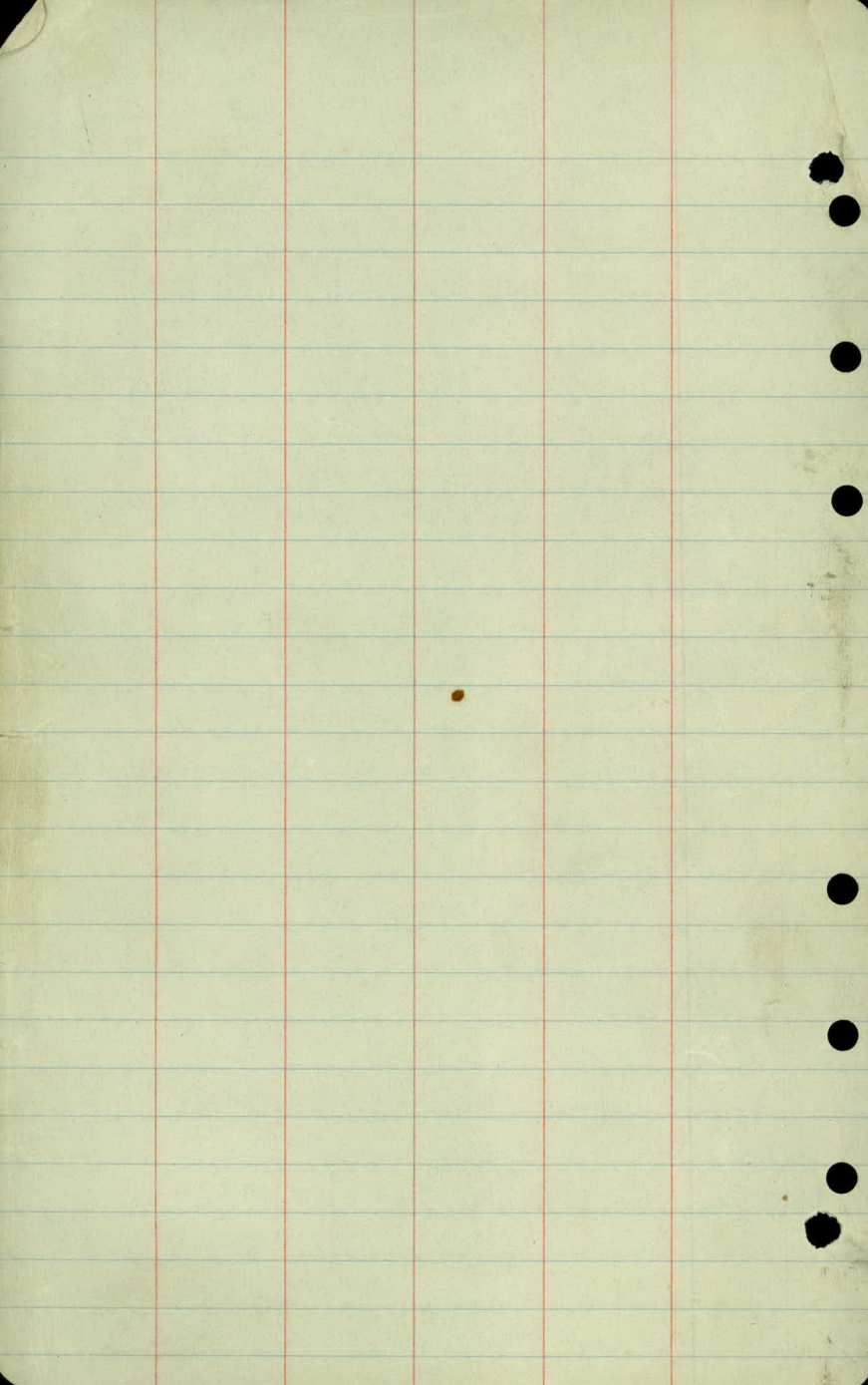
2.9

2.4

3.2

8.7





June 18, 1959

12" Cott

19.92

Possibly SW. Cor
Lot #14

6" Cott

13.16

A 2.50

14

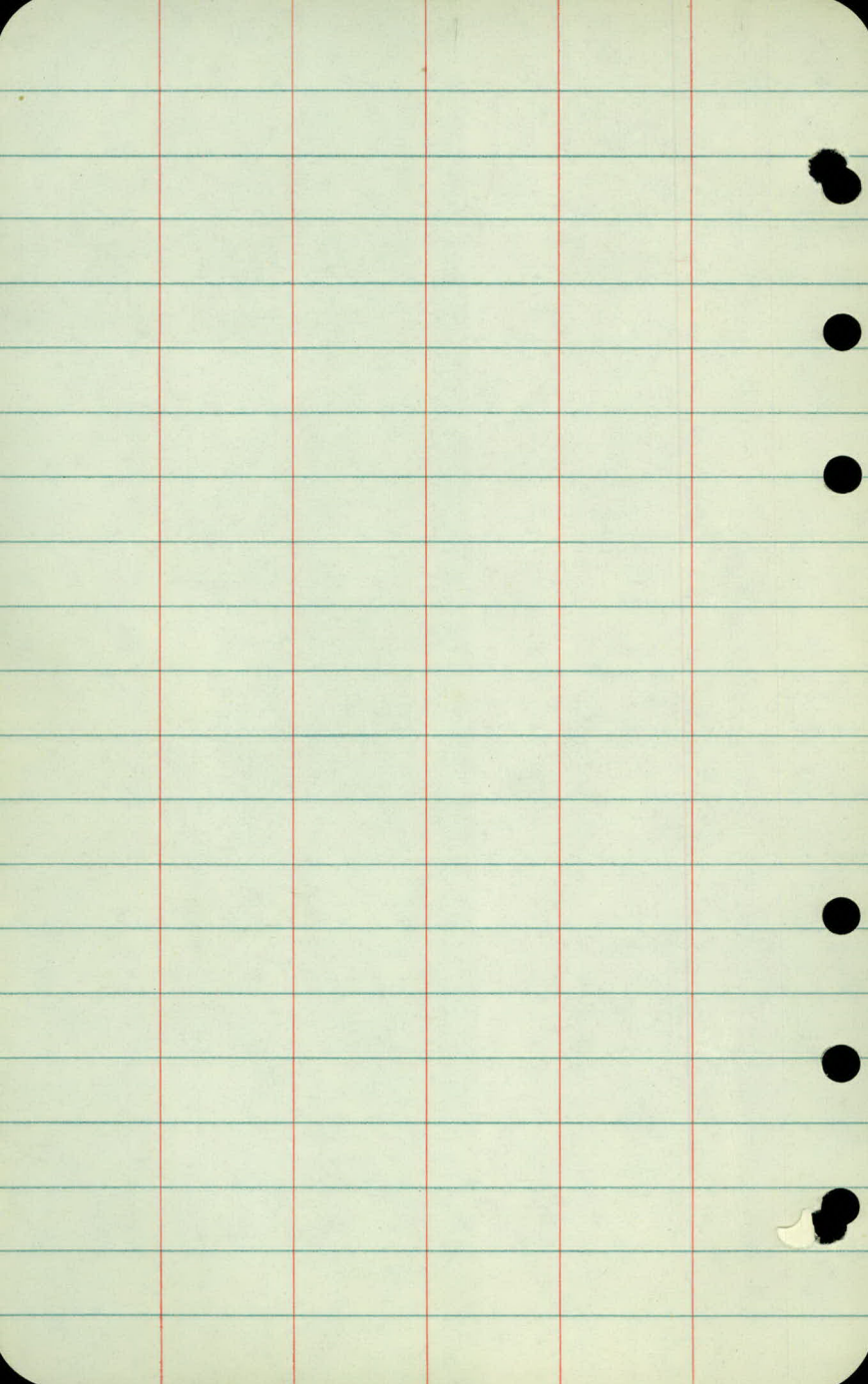
24" Cott

Wass. Blvd. No.

13

→ 2

12

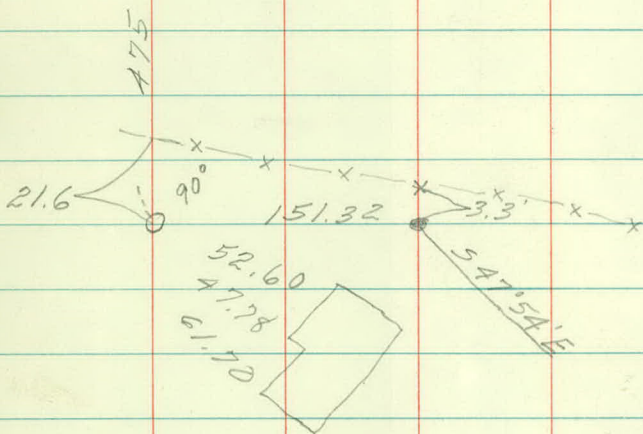


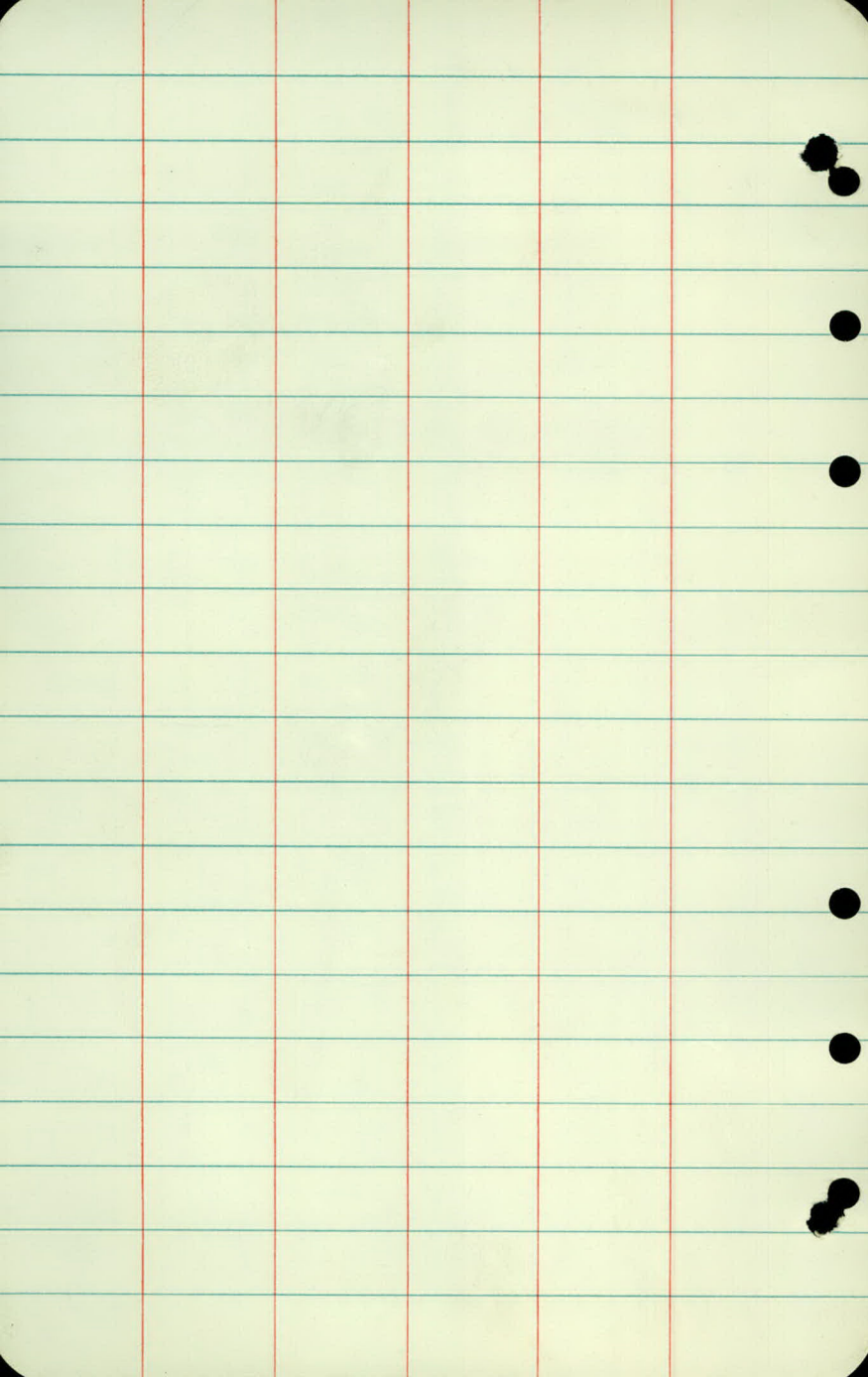
FX
WM
PK
WH

Nov. 12, 1964

ctr Sec 36-30-23

OWASSO BEACH





House Location at Breezy Point

ctr of Sec 36-30-23

