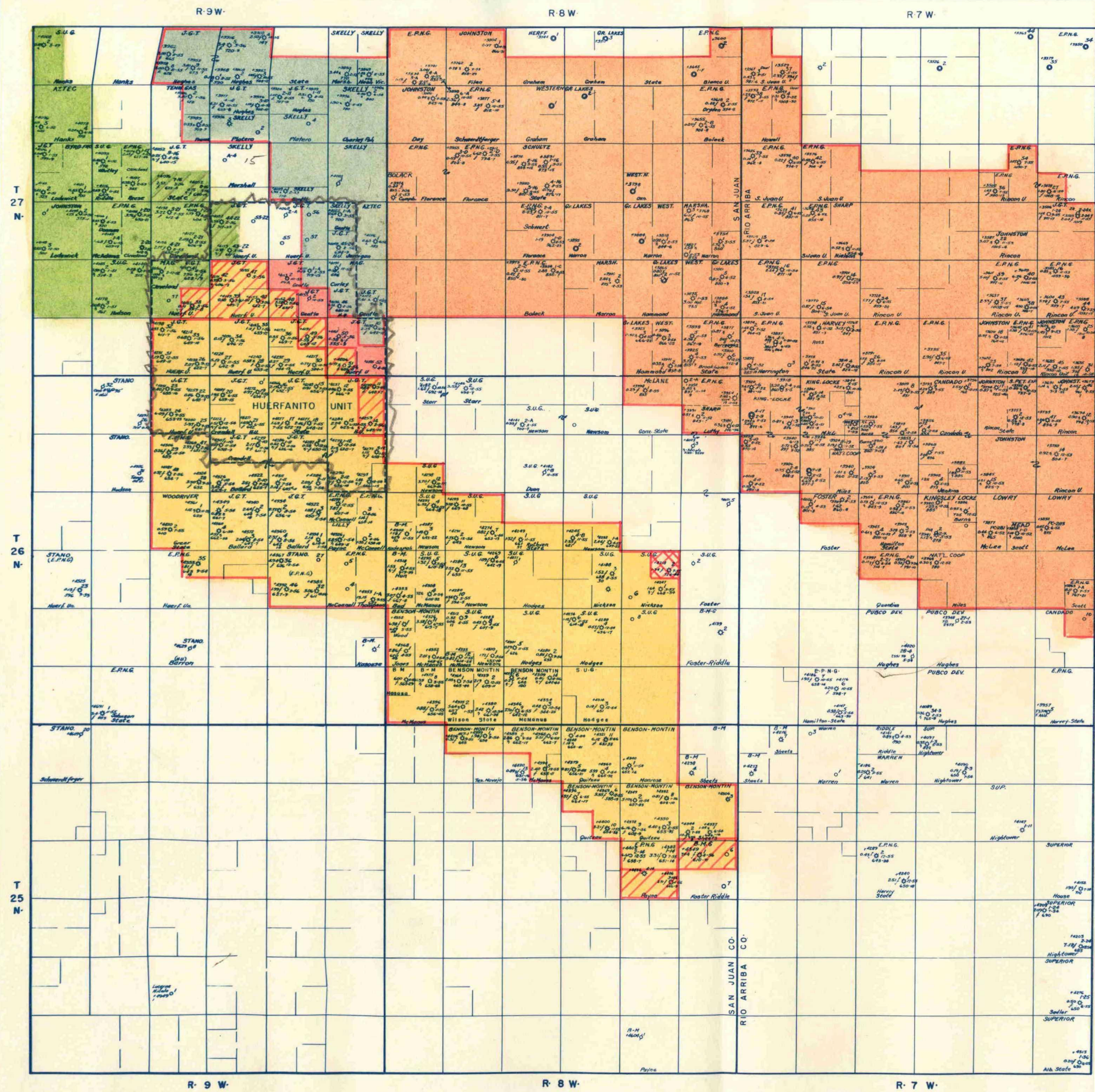


B



MAP OF THE BALLARD POOL
and
ADJOINING AREA

SAN JUAN and RIO ARRIBA
COUNTIES
NEW MEXICO

0 SCALE
1
miles

LEGEND

- Producing Pictured Cliffs Well
- Well Abandoned
- Well Location
- Data Plotted

+ 4180 23
238 4-53
670-17

23 - Well No-
+4180- Top Pictured Cliffs- sea level datum
238 Initial Potential - Millions cu ft
4-53 Completion Date - Month and Year
670-17 Initial Pressure - Days Shut-In
1/4 Shot
f Frac

LEGEND REGARDING
POOL BOUNDARIES

- BALLARD POOL
- RECOMMENDED EXTENSIONS TO
BALLARD POOL
- RECOMMENDED DELETION FROM
BALLARD POOL
- FULCHER-KUTZ POOL
- RECOMMENDED EXTENSION TO
FULCHER-KUTZ POOL
- WEST PART OF SOUTH BLANCO
POOL
- SOUTH BLANCO POOL
- LOCALE OF IMPERMEABLE
BARRIER SEPARATING BALLARD
POOL FROM WEST PART OF
SOUTH BLANCO POOL

C

D

BALLARD FIELD

BENSON-MONTIN

INTERFERENCE TEST NO. 1

TEST WELL: J. GLENN TURNER #18-2 HUERFANITO UNIT
LOCATION: 990' FSL, 1650' FEL, SEC. 2, T-26N, R-9W
COMPLETION DATE
OF TEST WELL: 6-21-55

RECORD OF WELL-HEAD PRESSURES

MEASURE- MENT NO.	DATE	CASINGHEAD PRESSURE psig (Dead Weight)	DAYS SHUT IN FROM COM- PLETION	REMARKS
1	7-16-55	648	27	Open 3 hours for potential test. EPNG deadweight tester.
2	9- 5-55	641.3	53	Benson-Montin deadweight tester.
3	9-20-55	640.6	68	"
4	10-12-55	639.9	90	"
5	10-27-55	639.6	105	"
6	11- 4-55	639.1	113	"
7	11-18-55	638.3	127	"

BALLARD FIELD
SAN JUAN COUNTY, NEW MEXICO
PICTURED CLIFFS FORMATION

BENSON-MONTIN
INTERFERENCE TEST NO. 1

DATE OF TEST: September, October, November, 1955
AREA OF TEST: Sections 1, 2, 11, 12, T-26N, R-9W

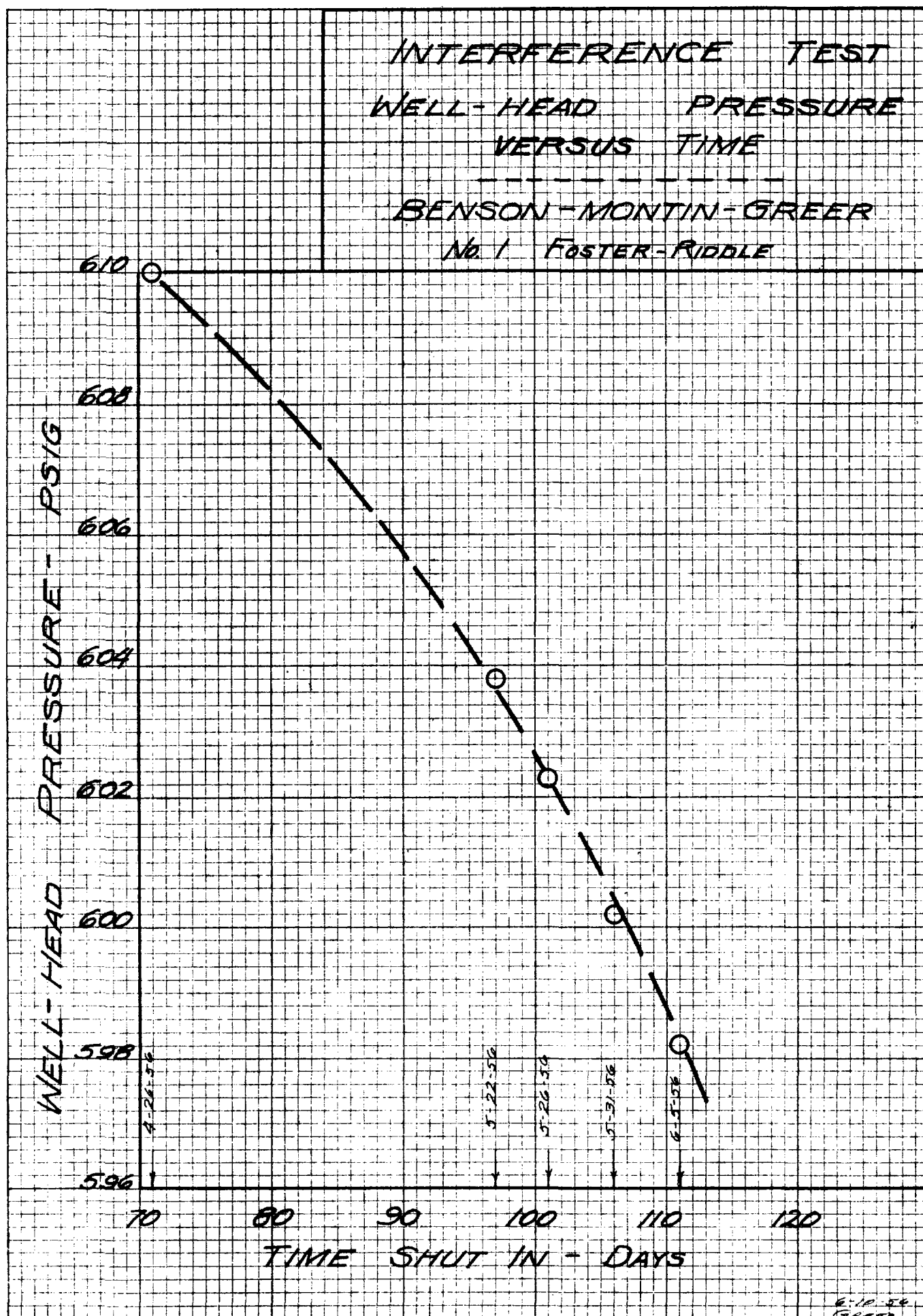
PRODUCING WELLS WITHIN TEST AREA

<u>WELL</u>	<u>LOCATION</u>	<u>DATE OF FIRST PRODUCTION INTO PIPE LINE</u>
J. Glenn Turner		
#1-11 Crandell	SW/4 Sec. 11, T-26N, R-9W	October 1954
#2-11 Crandell	SE/4 Sec. 11, T-26N, R-9W	October 1954
#1-12 Ballard	NW/4 Sec. 12, T-26N, R-9W	February 1955
#2-12 Ballard	SW/4 Sec. 12, T-26N, R-9W	February 1955
#3-12 Ballard	NE/4 Sec. 12, T-26N, R-9W	February 1955
#4-12 Ballard	SE/4 Sec. 12, T-26N, R-9W	February 1955
#1-11 Ballard	NW/4 Sec. 11, T-26N, R-9W	March 1955
#2-11 Ballard	NE/4 Sec. 11, T-26N, R-9W	March 1955
#15-2 Huerfanito Unit	NE/4 Sec. 2, T-26N, R-9W	October 1955
#16-2 Huerfanito Unit	NW/4 Sec. 2, T-26N, R-9W	October 1955
#17-2 Huerfanito Unit	SE/4 Sec. 2, T-26N, R-9W	October 1955
#13-1 Huerfanito Unit	SW/4 Sec. 1, T-26N, R-9W	October 1955
#12-1 Huerfanito Unit	NW/4 Sec. 1, T-26N, R-9W	November 1955

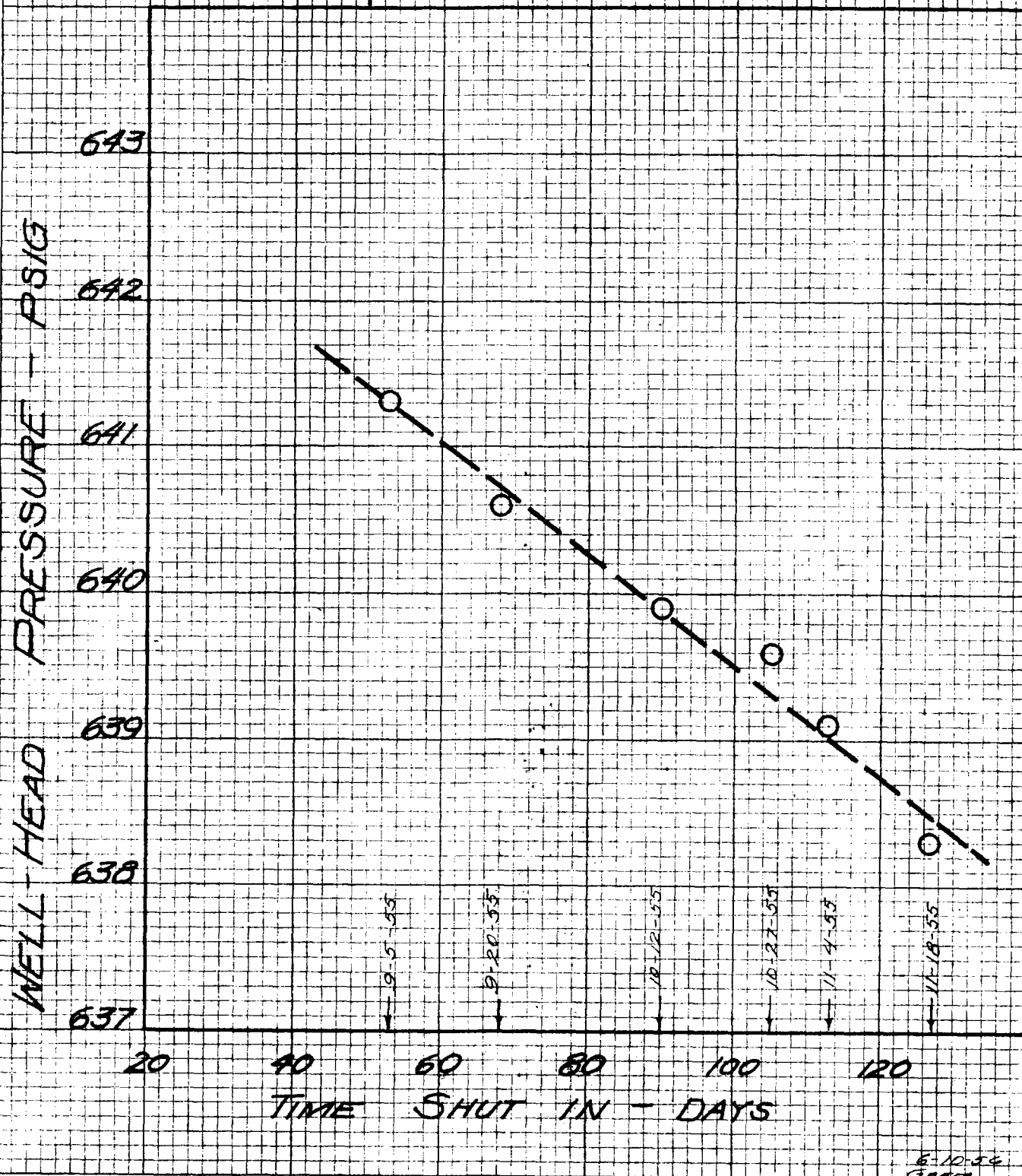
SHUT-IN WELL WITHIN TEST AREA

WELL: J. Glenn Turner #18-2 Huerfanito Unit
LOCATION: SE/4 Sec. 2, T-26N, R-9W

E



INTERFERENCE TEST
WELL HEAD PRESSURE
VERSUS TIME
J. GLENN TURNER
No. 18-2 HUERTANITO UNIT



6-10-56
G. J. Turner

F

BALLARD FIELD
BENSON-MONTIN
INTERFERENCE TEST NO. 2

TEST WELL: BENSON-MONTIN-GREER #1 FOSTER-RIDDLE
LOCATION: 1065' FNL, 1850' FWL, SEC. 13, T-25N, R-8W
COMPLETION DATE OF
TEST WELL: 2-15-56

RECORD OF WELL-HEAD PRESSURES

MEASURE- MENT NO.	DATE	CASINGHEAD PRESSURE psig (Dead Weight)	DAYS SHUT IN FROM COM- PLETION	REMARKS
1	4-26-56	610	71	2-hour open flow test. Pressure measured with EPNG dead- weight tester
2	5-22-56	603.8	97	Benson-Montin deadweight tester
3	5-26-56	602.3	101	"
4	5-31-56	600.2	106	"
5	6- 5-56	598.2	111	"

BALLARD FIELD
SAN JUAN COUNTY, NEW MEXICO
PICTURED CLIFFS FORMATION

BENSON-MONTIN
INTERFERENCE TEST NO. 2

DATE OF TEST: April, May, June, 1956
AREA OF TEST: Sections 11, 12, 13, 14, T-25N, R-8W

PRODUCING WELLS WITHIN TEST AREA

<u>WELL</u>	<u>LOCATION -</u>	<u>DATE OF FIRST PRODUCTION INTO PIPE LINE</u>
Benson-Montin #2 Quitzau	NW/4 Sec. 11, T-25N, R-8W	March, 1955
Benson-Montin #1 Sheets	SE/4 Sec. 12, T-25N, R-8W	March, 1955
Benson-Montin #3 Quitzau	SE/4 Sec. 11, T-25N, R-8W	May, 1955
Benson-Montin #2 Sheets	SW/4 Sec. 12, T-25N, R-8W	December, 1955
EPNG #1-14 Payne	NE/4 Sec. 14, T-25N, R-8W	December, 1955
EPNG #2-14 Payne	NW/4 Sec. 14, T-25N, R-8W	March, 1956
Benson-Montin #8 Quitzau	NE/4 Sec. 11, T-25N, R-8W	March, 1956
Benson-Montin #9 Quitzau	SW/4 Sec. 11, T-25N, R-8W	March, 1956

SHUT-IN WELL WITHIN TEST AREA

WELL: Benson-Montin-Greer #1 Foster-Riddle
LOCATION: NW/4 Sec. 13, T-25N, R-8W

G

BALLARD AREA
BUILD-UP PRESSURES FOR WELLS COMPLETED
FEBRUARY, MARCH, APRIL, MAY, 1956

OPERATOR & WELL	COMP. DATE	PRESS. AT POTENTIAL TEST (psig)	DAYS SHUT IN	ADDITIONAL PRESSURES AND TIME SHUT IN SINCE COMPLETION									
				PRESS.				PRESS.					
				PRESS. ON 5-22-56 (psig)	DAYS SHUT IN	PRESS. ON 5-26-56 (psig)	DAYS SHUT IN	PRESS. ON 5-31-56 or 6-1-56 (psig)	DAYS SHUT IN	PRESS. ON 6-5-56 (psig)	DAYS SHUT IN	PRESS. ON 6-10-56 (psig)	DAYS SHUT IN
BENSON-MONTIN													
#3 Sheets	5-18-56	Not tested				563.6	8	602.6	14	613.7	18	628.4	23
#5 Sheets	3-16-56	"	"	661.5	67	662.3	71	663.2	76	662.2	81	661.5	86
#6 Sheets	5-12-56	"	"	644.5	10	647.6	14	651.2	20	652.7	24	654.3	29
#7 Sheets	4-12-56	"	"	655.2	40	655.5	44	656.6	50	656.8	54	657.0	59
#8 Sheets	4- 4-56	"	"	658.4	43	659.0	52	659.2	58	659.9	62	660.4	67
#11 Quitzau	4-15-56	631	33	-	37	627.9	41	629.2	47	-	51	630.6	56
BENSON-MONTIN-GREER													
#1 Foster-Riddle	2-15-56	610	71	603.8	97	602.3	101	600.2	106	598.2	111	596.3	116
#2 Foster-Riddle	3-24-56	Not tested		675.6	59	676.5	63	676.7	68	677.3	73	677.7	78
J. GLENN TURNER													
#11-1 Huerfanito Unit	3-23-56	648	8	656.0	30	655.6	34	655.4	40	655.3	44	655.4	49
#14-1 Huerfanito Unit	2- 6-56	643	10	661.7	106	662.1	110	663.3	116	663.4	120	663.8	125
#38-28 Huerfanito Unit	3-17-56	597	0	498.9	66	514.1	70	531.2	76	537.7	80	547.7	85
#41-28 Huerfanito Unit	4-15-56	620	19	632.9	33	633.7	42	634.9	48	636.0	52	637.2	57
#42-27 Huerfanito Unit	3-29-56	606	7	656.2	54	656.2	56	657.3	64	658.2	68	658.3	73
#46-25 Huerfanito Unit	2- 1-56	680	10	683.6	111	683.0	115	682.5	121	682.1	125	682.5	130
#48-26 Huerfanito Unit	5-11-56	631	7	622.5	11	633.8	15	643.4	21	647.4	25	650.6	30
#49-35 Huerfanito Unit	5- 6-56	648	12	643.7	16	649.7	20	654.7	26	656.6	30	659.5	35

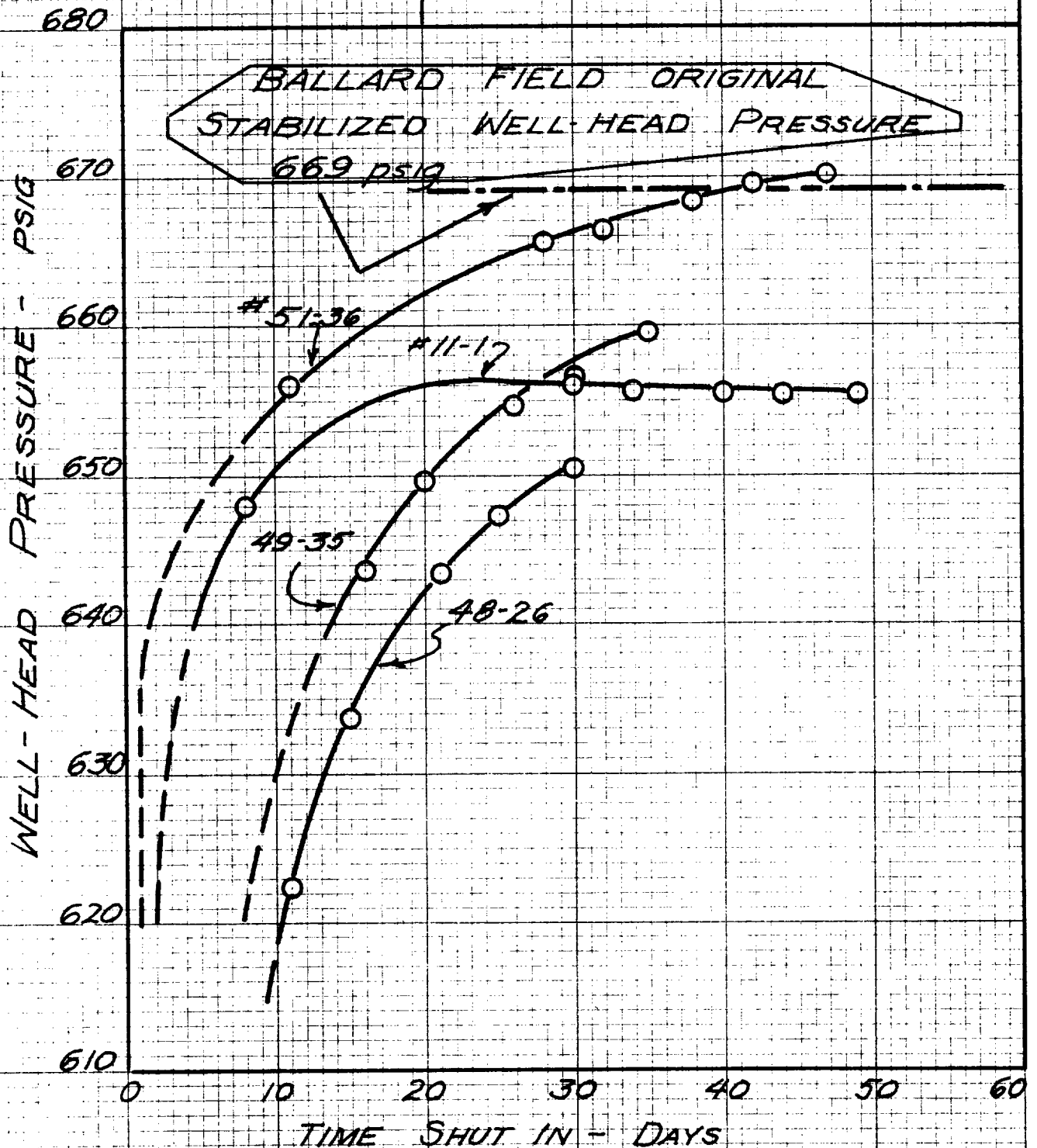
ADDITIONAL PRESSURES AND TIME SHUT IN SINCE COMPLETION											
OPERATOR & WELL	COMP. DATE	PRESS. AT POTENTIAL TEST (psig)	DAYS SHUT IN	PRESS. ON		DAYS SHUT IN	PRESS. ON		DAYS SHUT IN	PRESS. ON	
				5-22-56 (psig)	5-31-56 or 6-1-56 (psig)		5-26-56 (psig)	6-1-56 (psig)		6-5-56 (psig)	6-10-56 (psig)
J. GLENN TURNER (contd.)											
#50-36 Huerfanito Unit	5- 3-56	535	9	19	611.9	23	624.7	29	650.6	33	636.0
#51-36 Huerfanito Unit	4-24-56	656	11	28	666.2	32	668.3	38	669.6	42	670.1
#52-36 Huerfanito Unit	4-28-56	Not tested		24	647.8 *	28	650.2 *	34	651.8 *	38	652.5 *
#3-14X Payne	3-28-56	646	9	55	649.5	59	648.7	65	648.9	69	648.2
#8-16 State	4-19-56	640	15	33	646.7	37	On line	-	-	-	-
* Well produces water											

H

PRESSURE BUILD-UP TESTS HUIERFANITO UNIT

WELLS:

11-1
48-26
49-35
51-36



4-7-54
C.R.K.