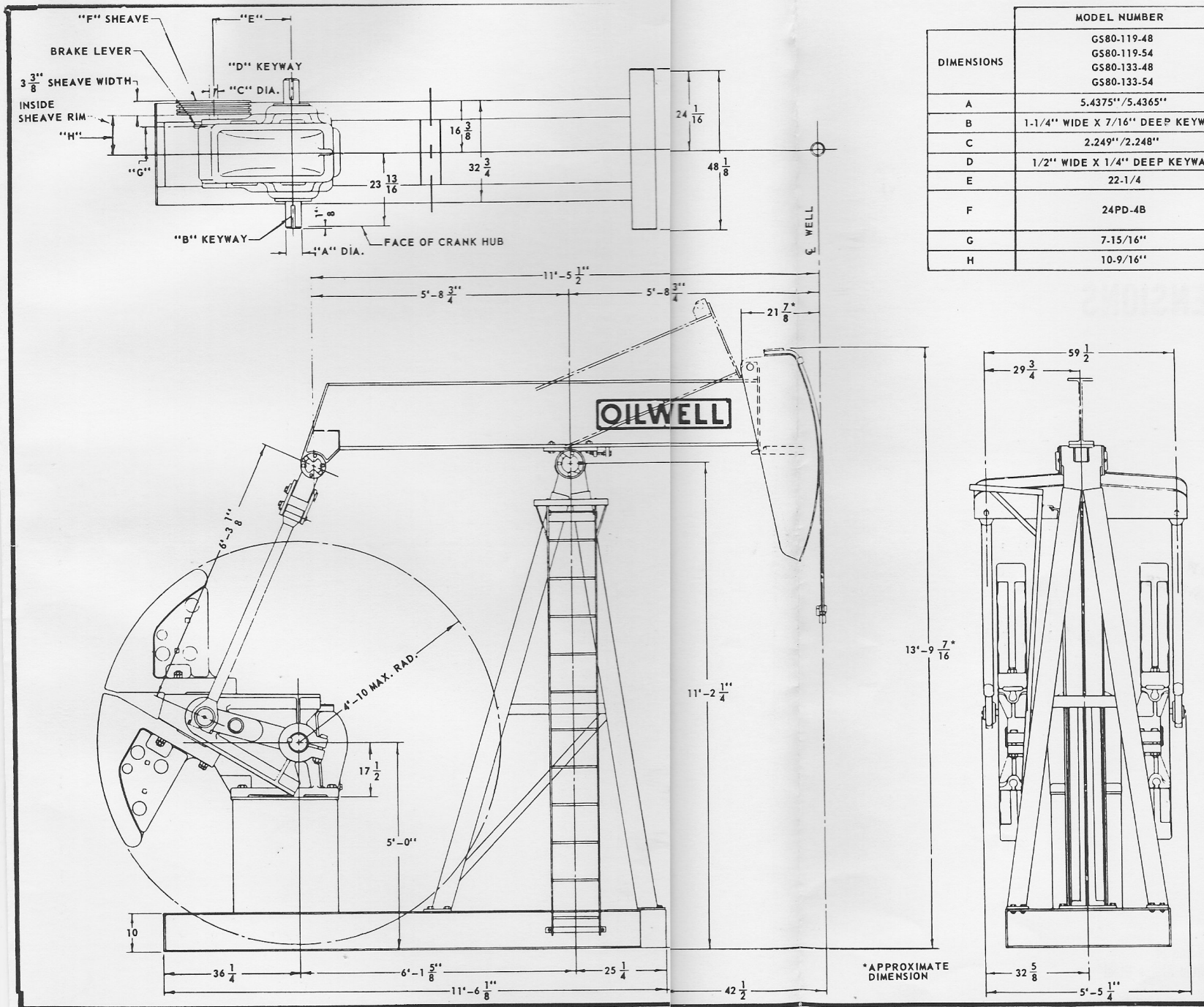


DIMENSIONS	MODEL NUMBER GS80-119-48 GS80-119-54 GS80-133-48 GS80-133-54
A	5.4375"/5.4365"
B	1-1/4" WIDE X 7/16" DEEP KEYWAY
C	2.249"/2.248"
D	1/2" WIDE X 1/4" DEEP KEYWAY
E	22-1/4
F	24PD-4B
G	7-15/16"
H	10-9/16"

UNIT SERIES: "GSA" 80
GEAR REDUCER: D-80B

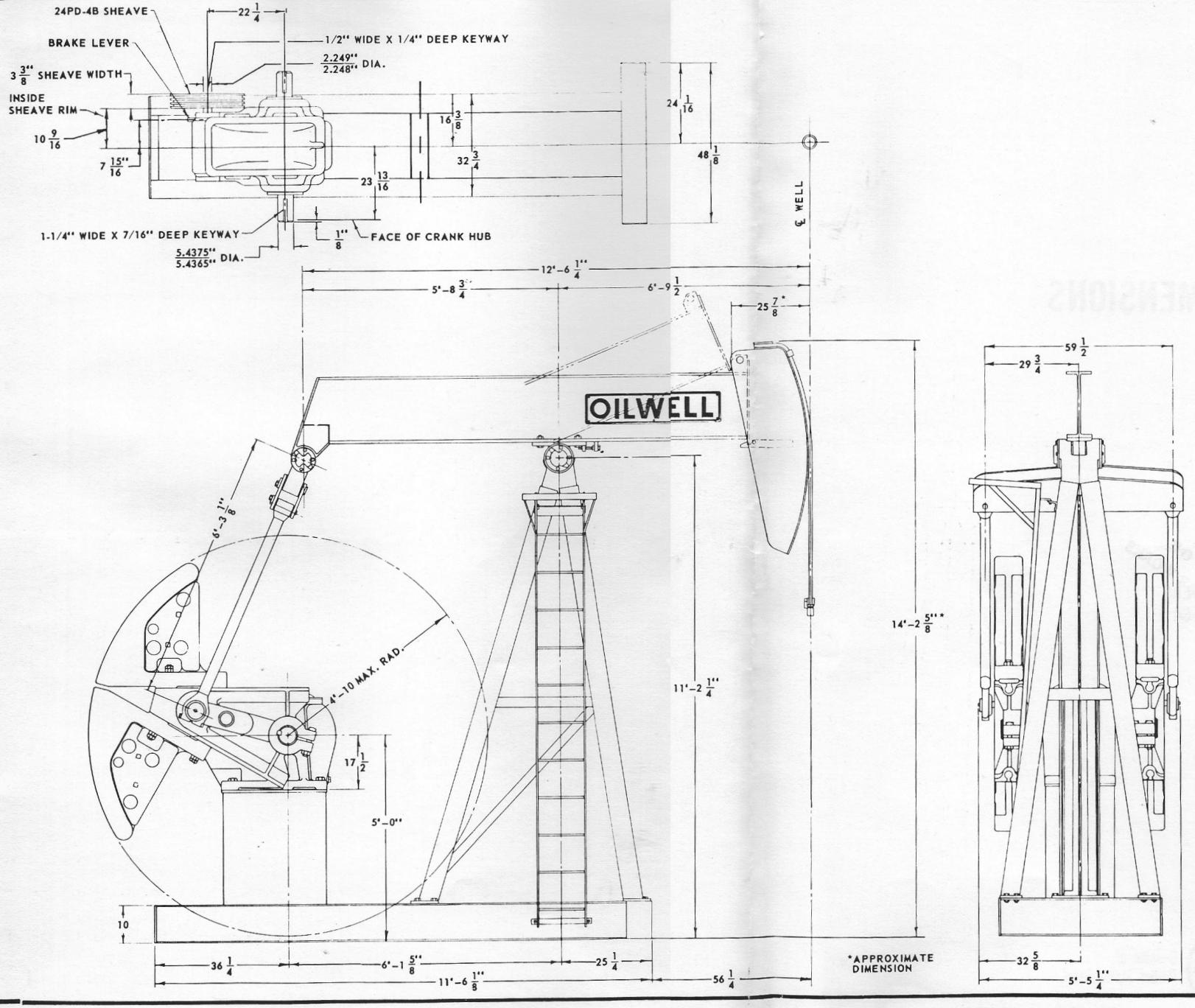
NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

PUMPING UNIT(S)

GSA80-119-48
GSA80-119-54
GSA80-133-48
GSA80-133-54

OUTLINE DIMENSIONS

TS - 198



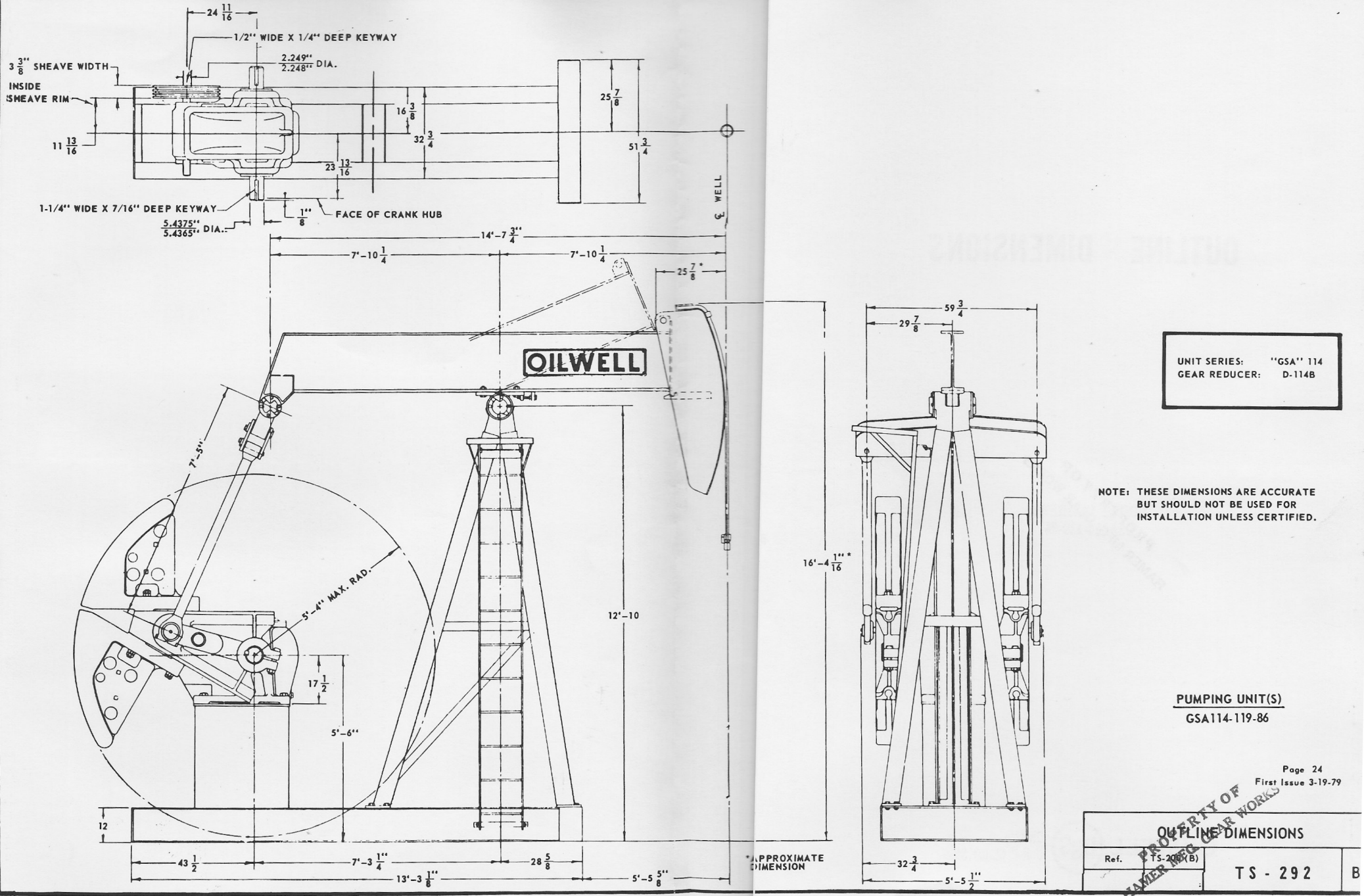
UNIT SERIES: "GSA" 80
GEAR REDUCER: D-80B

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

PUMPING UNIT(S)
GSA80-119-64

OUTLINE DIMENSIONS

TS - 199



*APPROXIMATE DIMENSION

UNIT SERIES:	"GSA" 114
GEAR REDUCER:	D-114B

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

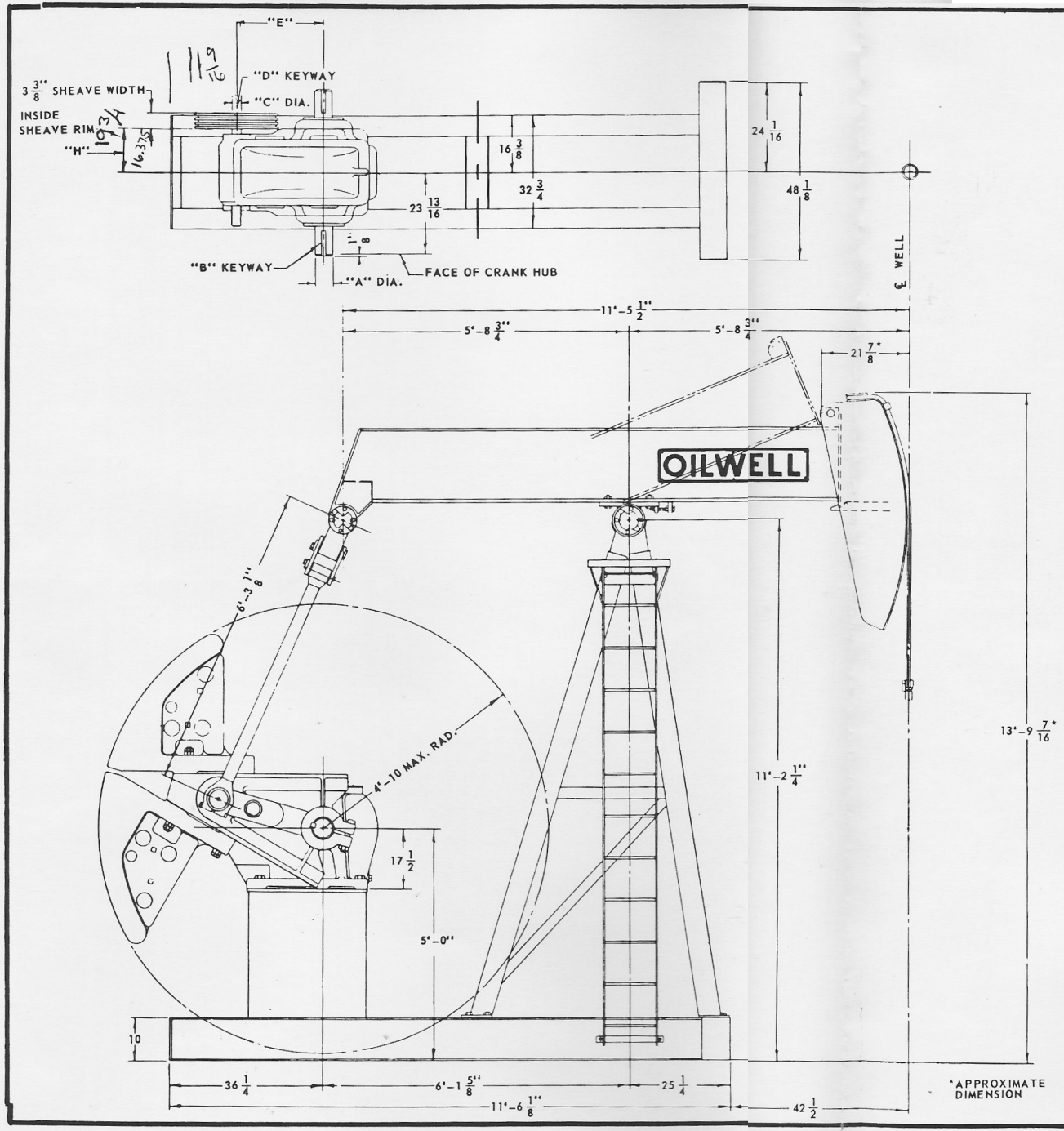
PUMPING UNIT(S)
GSA114-119-86

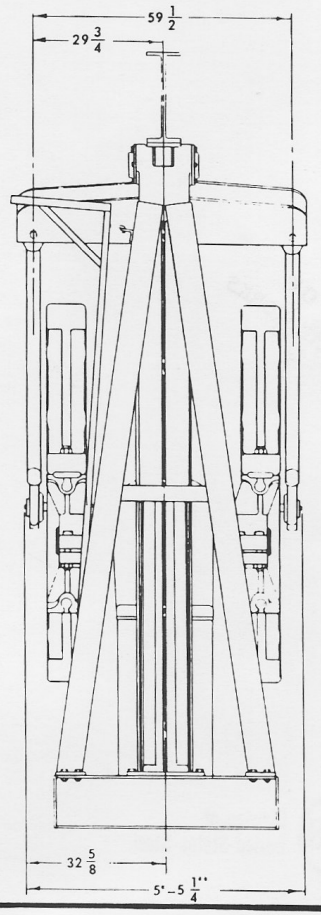
PROPERTY OF LUFKIN GEAR WORKS

OUTLINE DIMENSIONS

Ref. TS-2005(B)

TS - 292 B





DIMENSIONS	MODEL NUMBER GS114-133-54
A	5.4375"/5.4365"
B	1-1/4" WIDE X 7/16" DEEP KEYWAY
C	2.249"/2.248"
D	1/2" WIDE X 1/4" DEEP KEYWAY
E	24-11/16
F	24" 3C Sheave
H	11-13/16

UNIT SERIES: "GSA" 114
GEAR REDUCER: D-114B

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

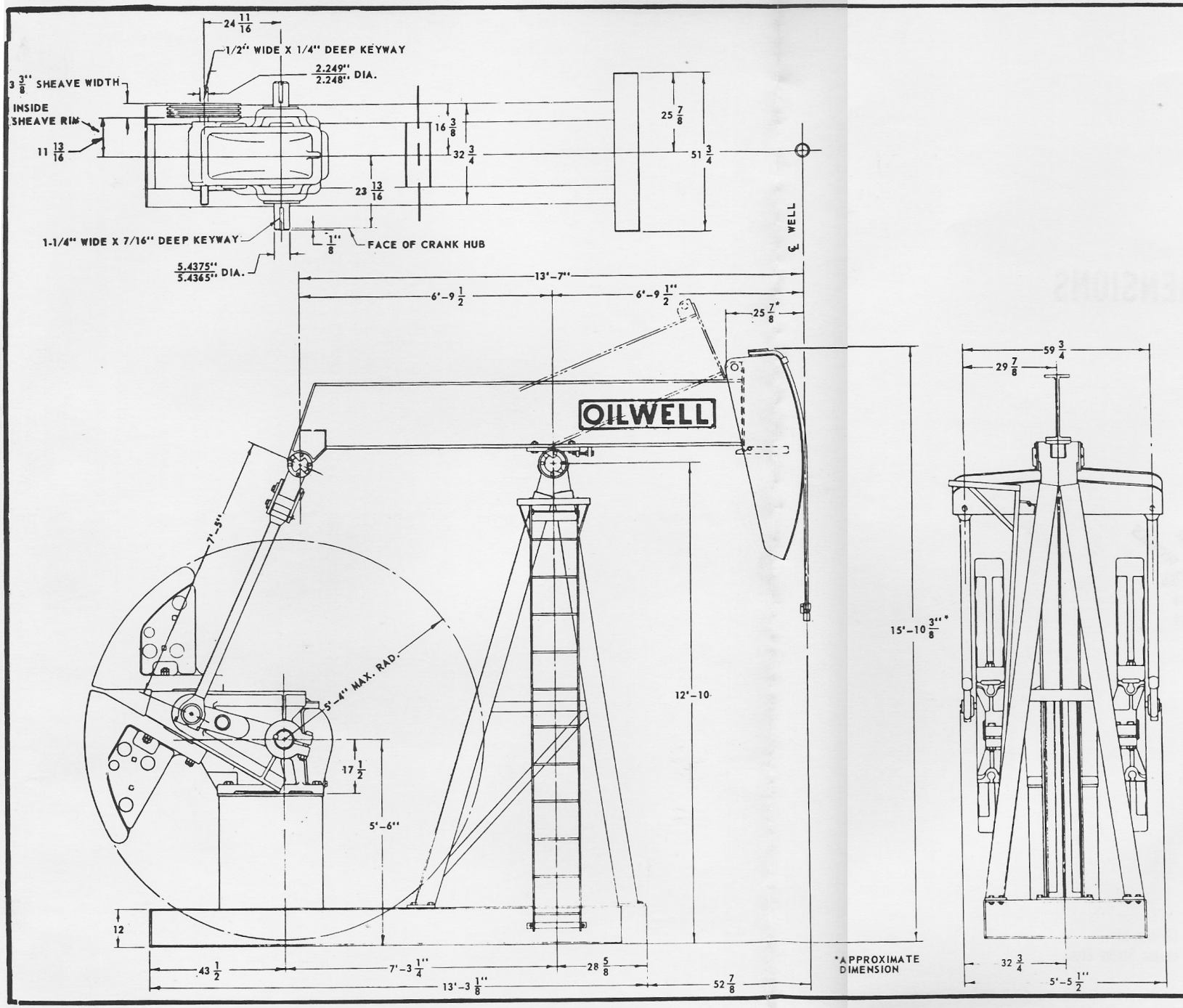
PUMPING UNIT(S)

GSA114-133-54

PROPERTY OF HAMER MFG. GEAR WORKS

OUTLINE DIMENSIONS

Ref.	(S-1980-B)	TS - 293	B



UNIT SERIES:	"GSA" 114
GEAR REDUCER:	D-114B

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

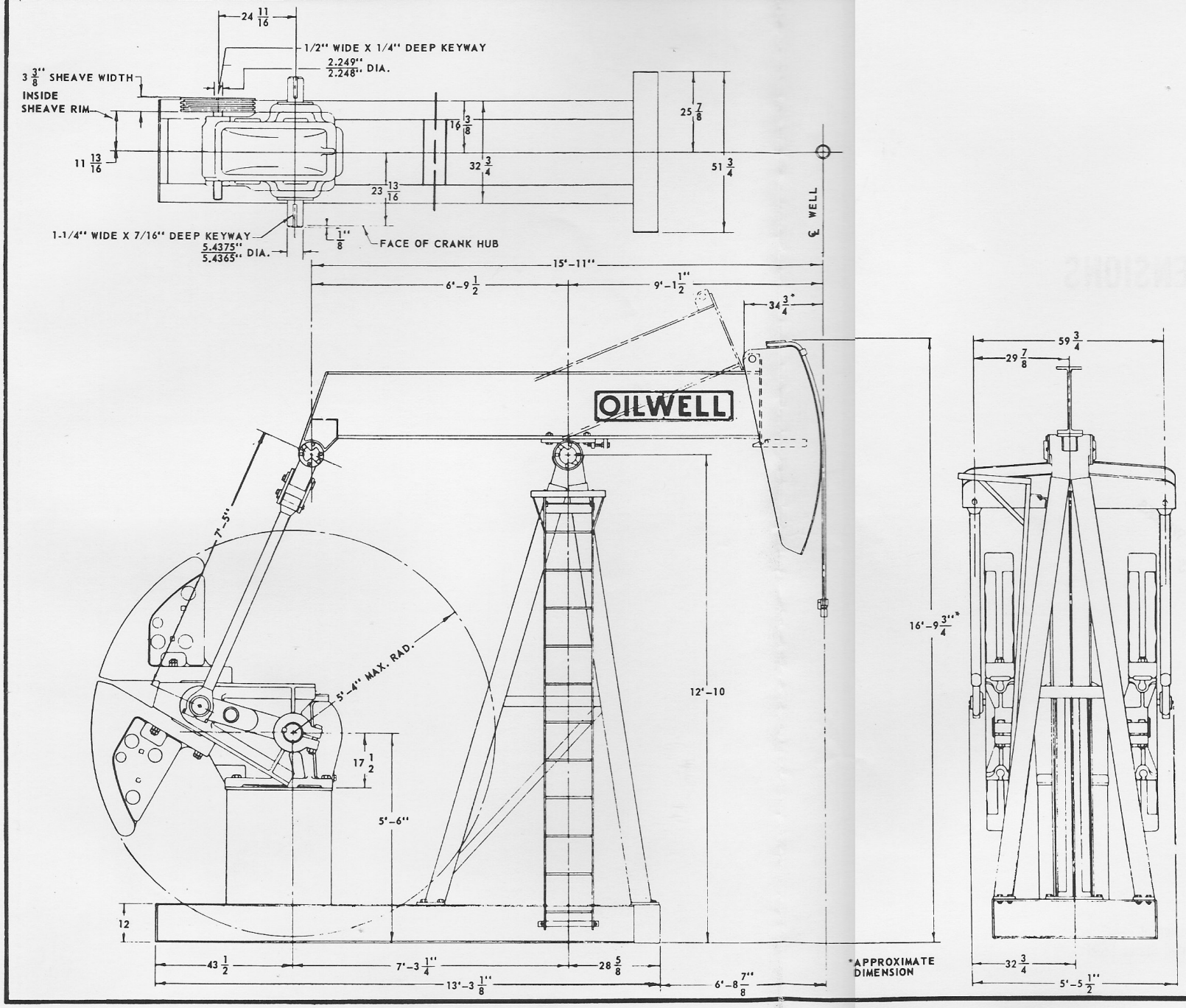
PUMPING UNIT(S)

GSA114-143-64
GSA114-173-64

PROPERTY OF HAMEL MFG. GEAR WORKS

OUTLINE DIMENSIONS

Ref.	TS-201 (B)	TS - 294	B



UNIT SERIES:	"GSA" 114
GEAR REDUCER:	D-114B

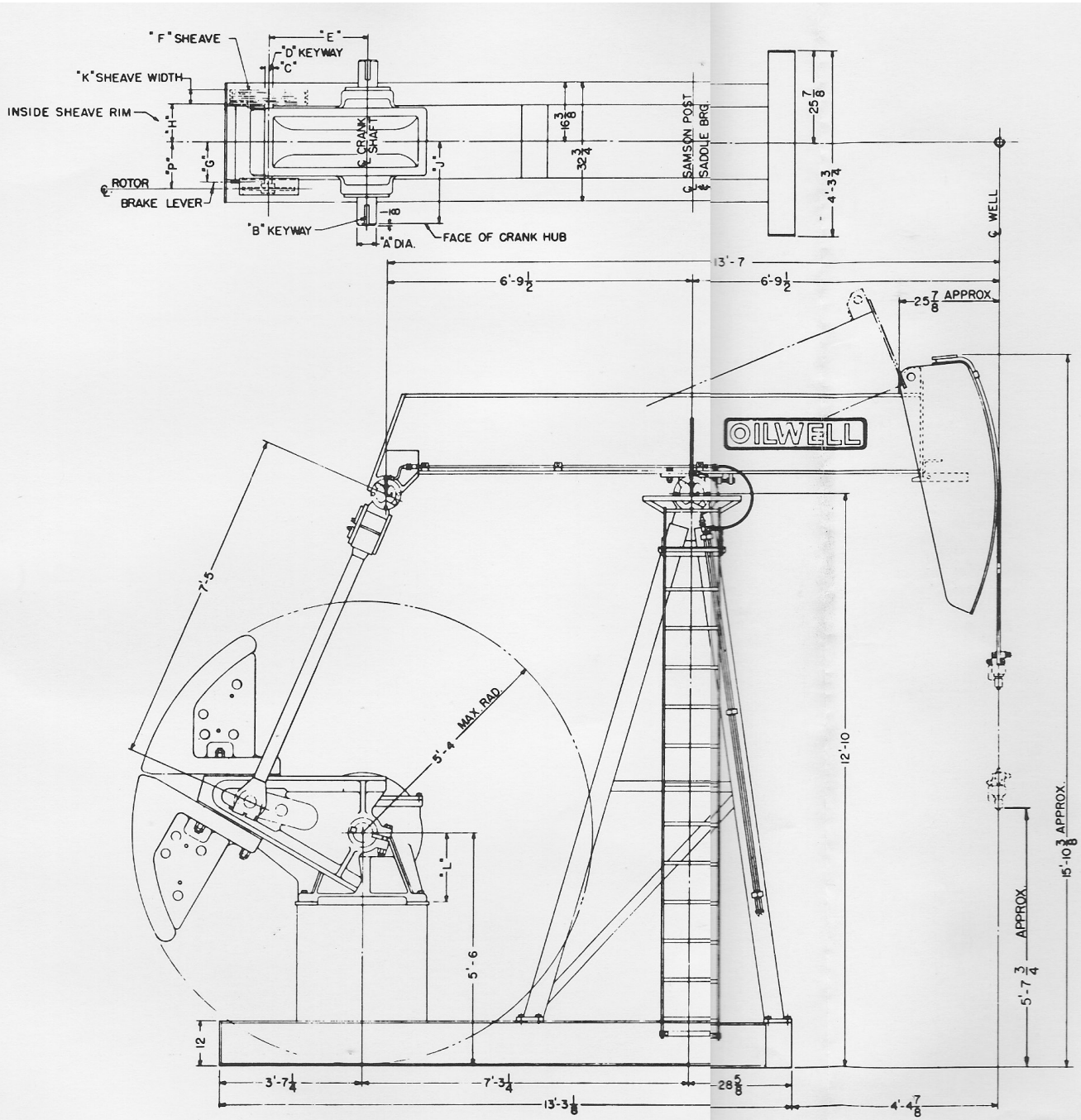
NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

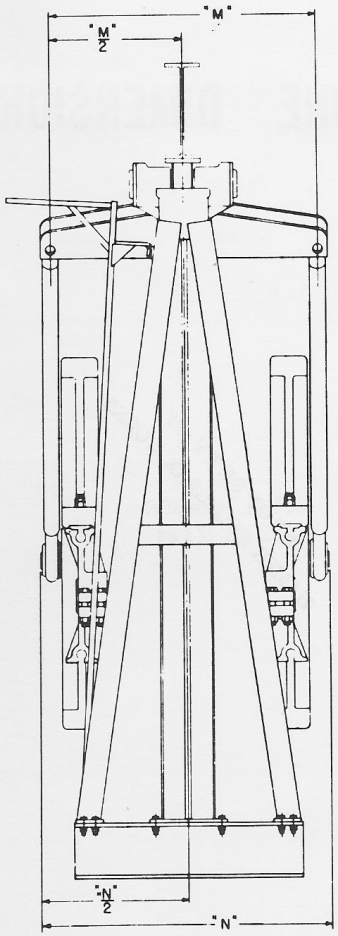
PUMPING UNIT(S)

GSA114-143-74

PROPERTY OF LUFKIN GEAR WORKS MFG.

OUTLINE DIMENSIONS		
Ref: TS-202 (B)	TS - 295	B





E	24-11/16
F	24 PD-3C STD. 34 PD-3C ALT.
G	9-1/2
H	11-7/8
J	23-13/16
K	3-3/8
L	17-1/2
M	4'-11-3/4
N	5'-5-1/2
P	12-1/2

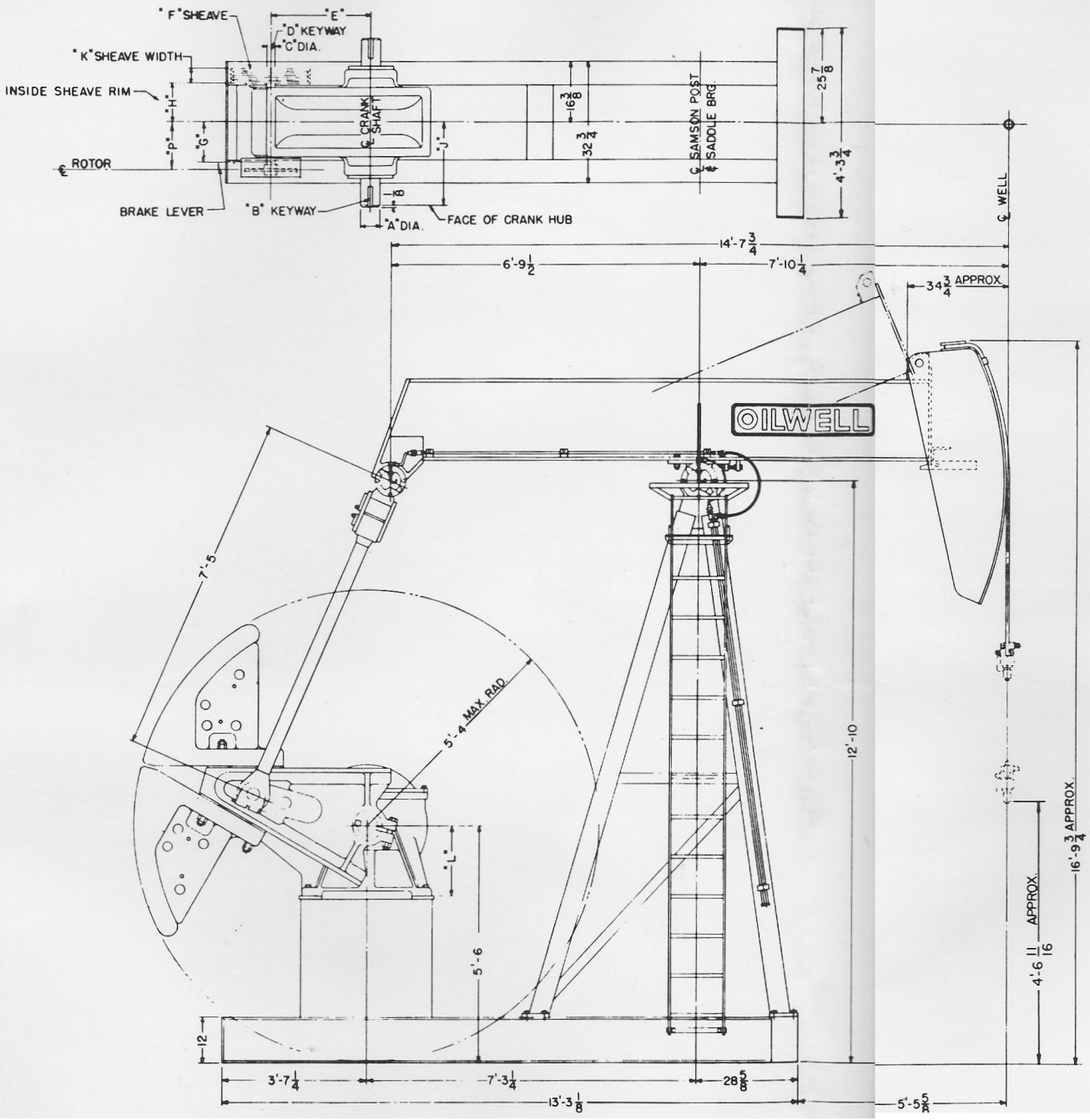
GSA160-173-64

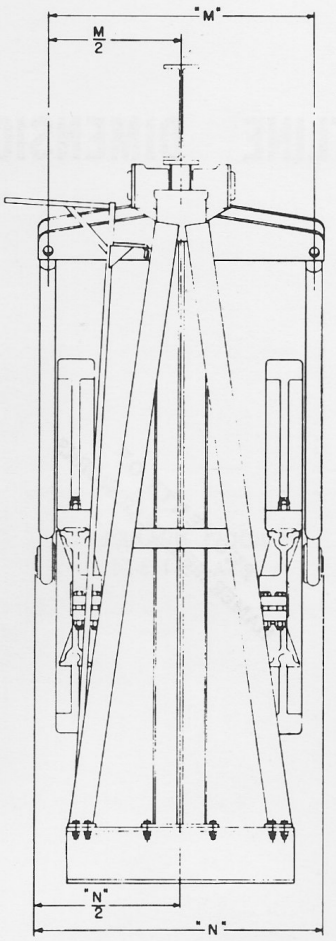
PROPERTY OF
HAMER MFG. GEAR WORKS

OUTLINE DIMENSIONS

REF. T231-2 (D)

TS - 345



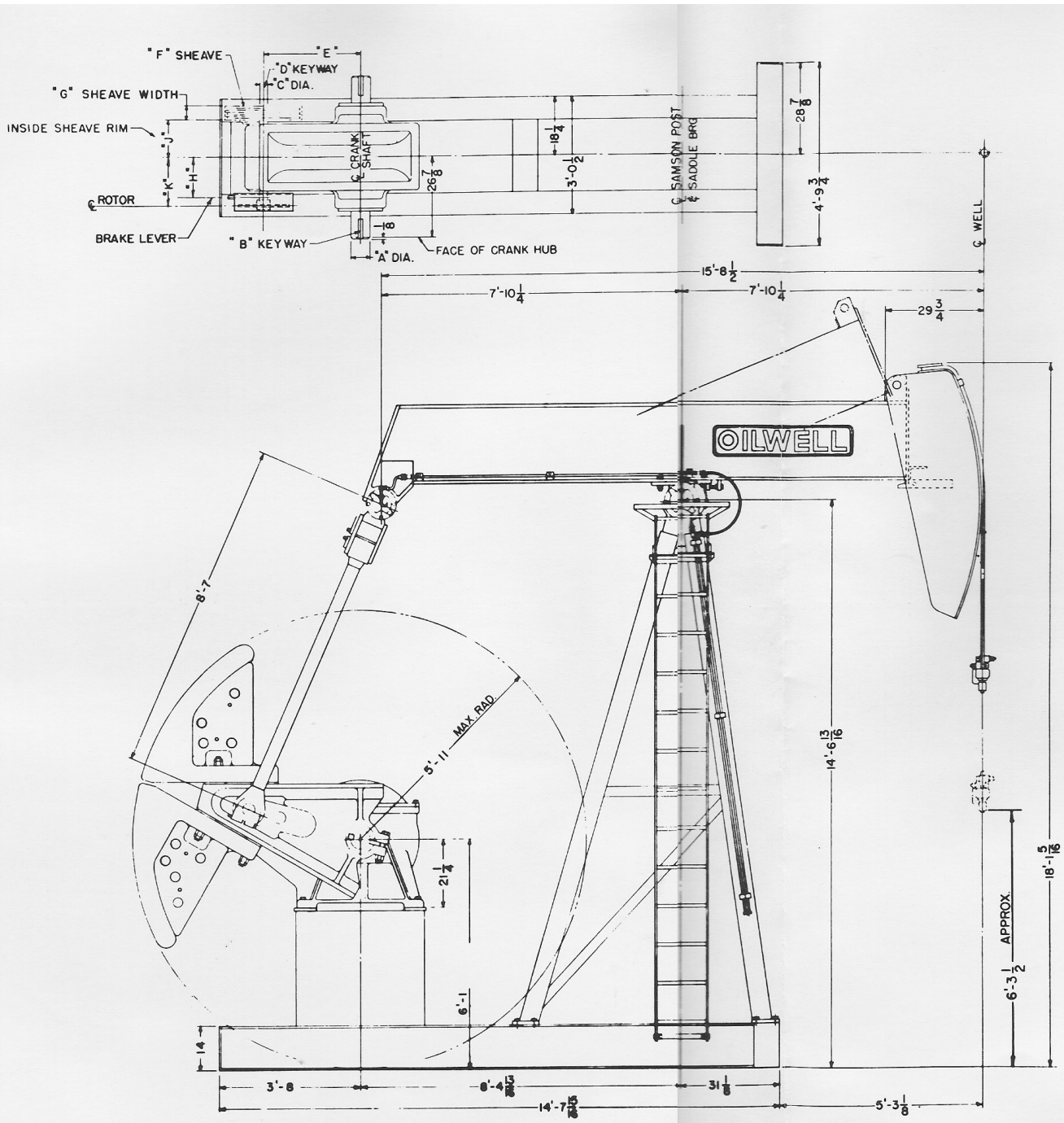


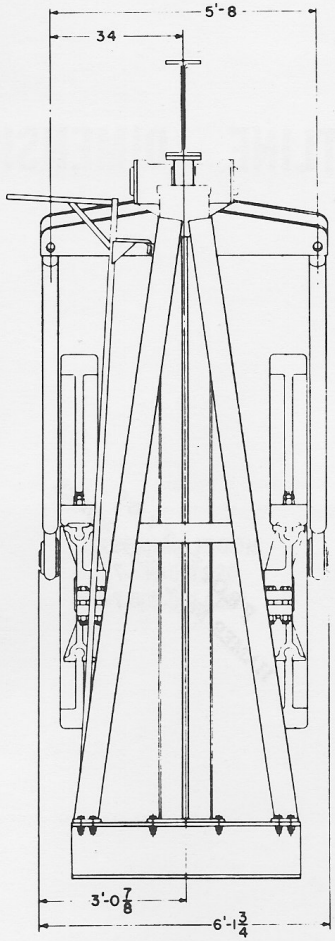
B	1-1/4x7/16x6-1/2 LG.	1-
C	2.249/2.248	2.
D	1/2x1/2x3 LG.	5/
E	24-11/16	30
F	24 PD-3C STD. 34 PD-3C ALT.	24 34
G	9-1/2	10
H	11-7/8	12
J	23-13/16	26
K	3-3/8	4-
L	17-1/2	21
M	4'-11-3/4	5'
N	5'-5-1/2	6'
P	12-1/2	13

GSA160-143-74

OUTLINE DIMENSIONS

PROPERTY OF GEARWORKS





B	1-1/2x1/2
C	2.500/2.499
D	5/8x5/16x4-3/8 L
E	30-5/8
F	24 PD-4C STD. 34 PD-4C ALT.
G	4-3/8
H	10-3/4
J	12-5/16
K	13-3/4

GSA160-174-74
GSA160-200-74

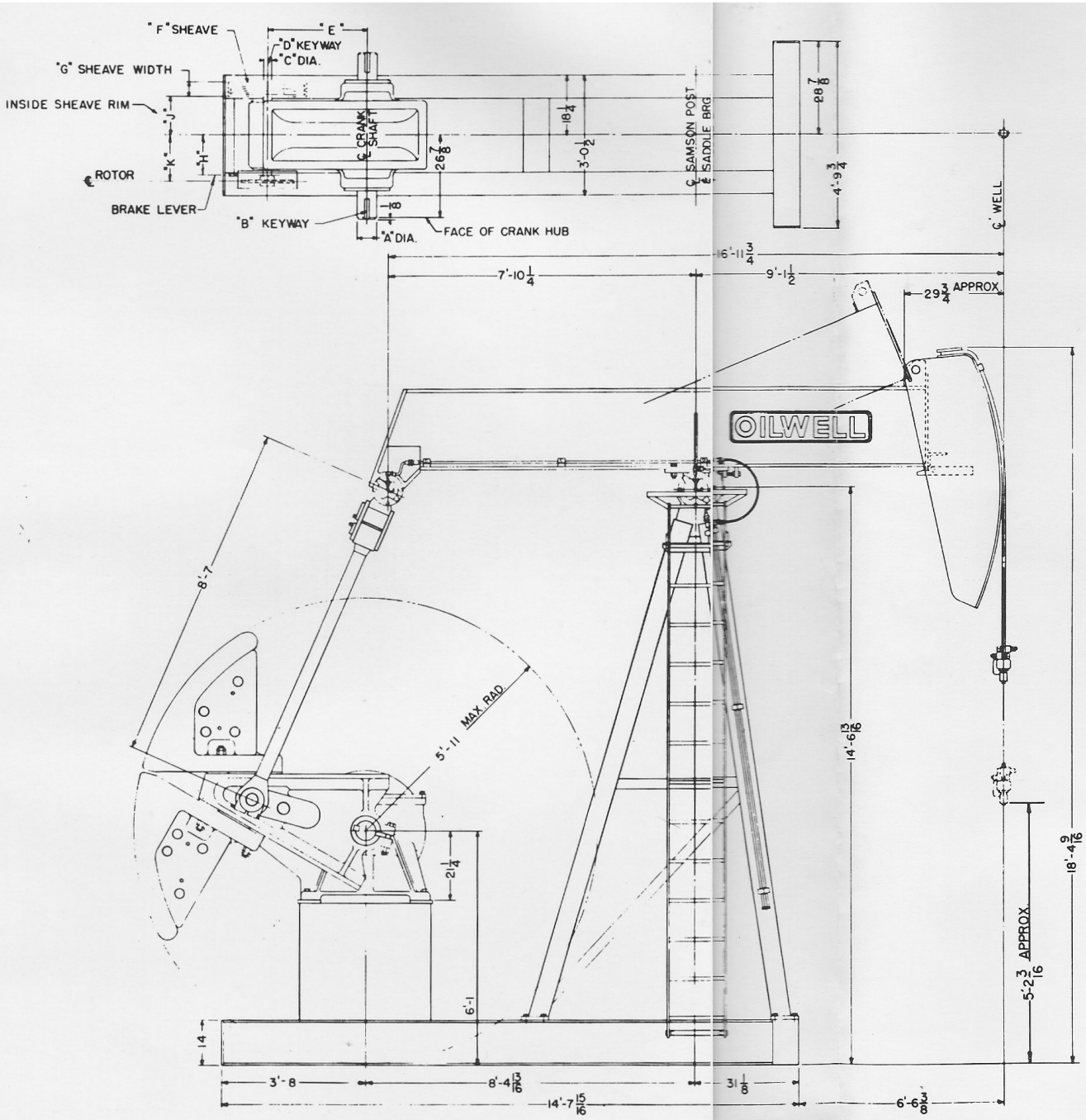
PROPERTY OF LUFKIN-HAMER MFG. GEAR WORKS

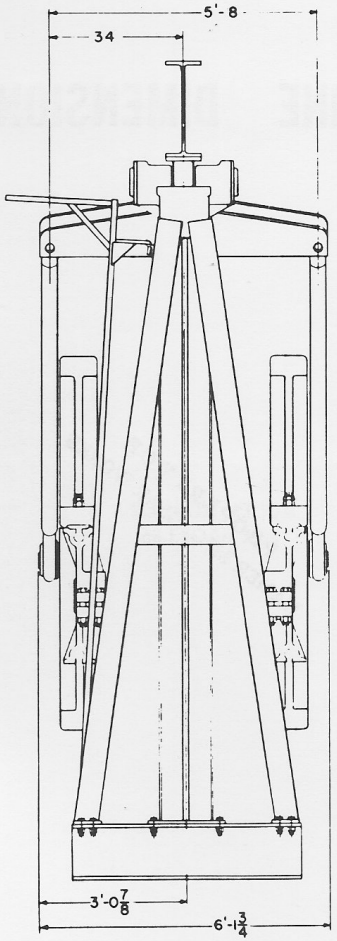
OUTLINE DIMENSIONS

REF. T232-2 (D)

TS - 347

E	30-5/8
F	24 PD-4C STD. 34 PD-4C ALT.
G	4-3/8
H	10-3/4
J	12-5/16
K	13-3/4





GSA160-173-86

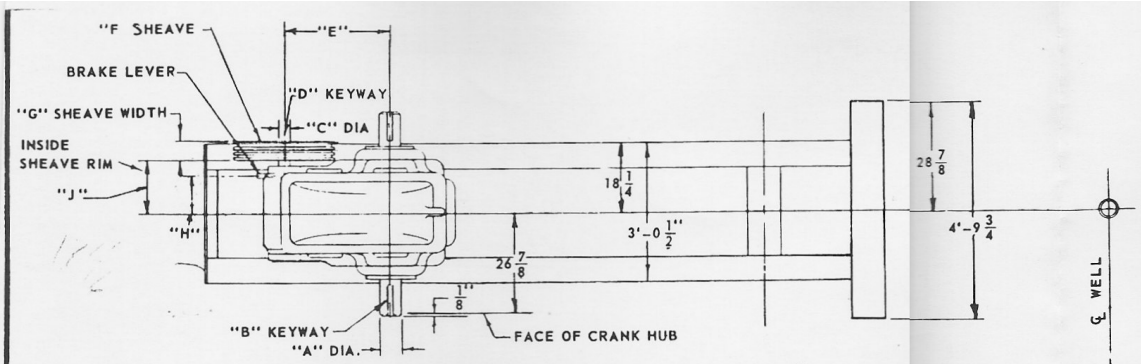
PROPERTY OF
HAMER MFG.

OUTLINE DIMENSIONS

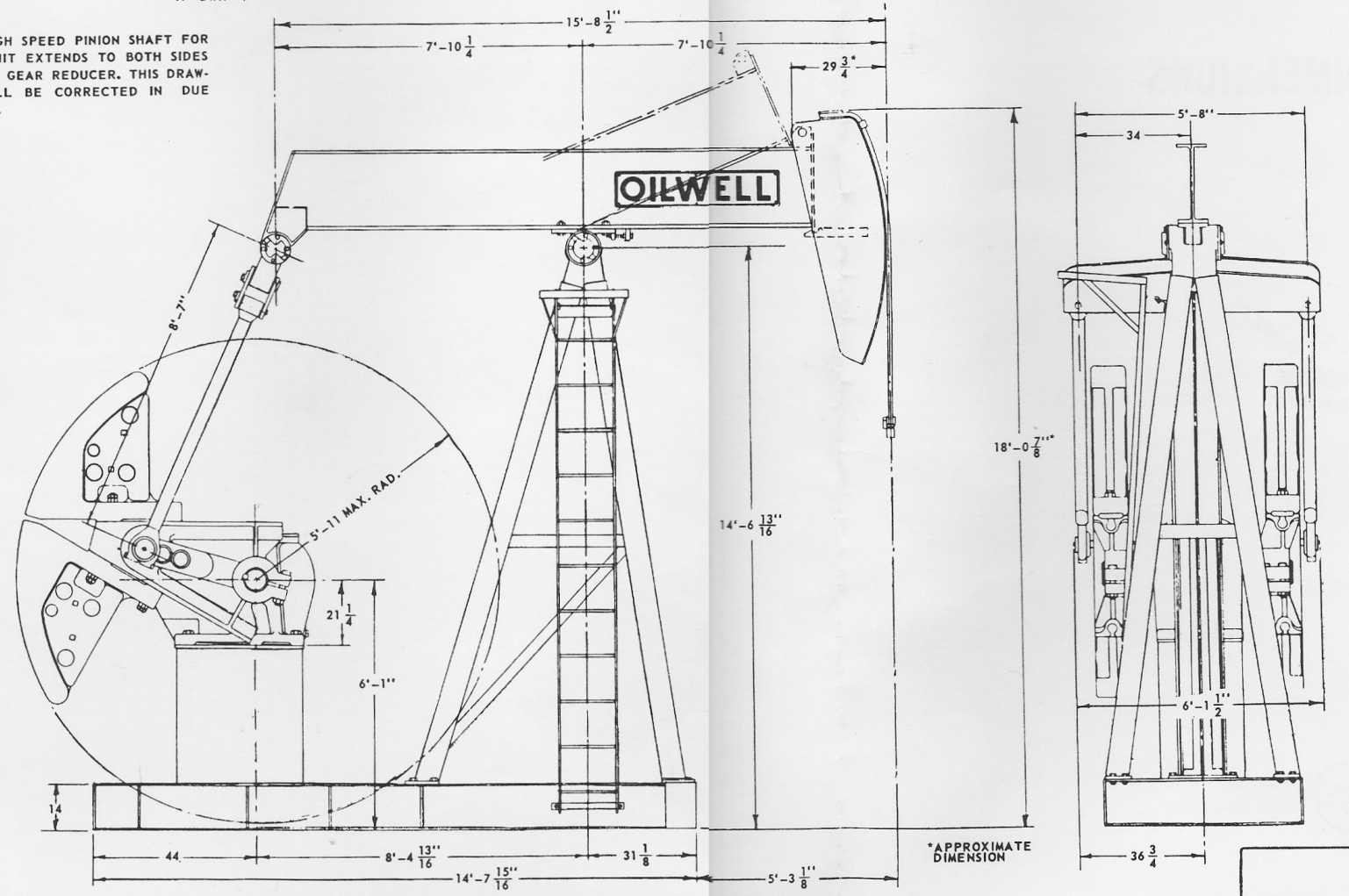
REF. T232-A2 (D)

TS - 348

B



THE HIGH SPEED PINION SHAFT FOR THIS UNIT EXTENDS TO BOTH SIDES OF THE GEAR REDUCER. THIS DRAWING WILL BE CORRECTED IN DUE COURSE.



DIMENSIONS	
A	5.995/5.994"
B	1-1/2" WIDE X 1/2" DEEP KEYWAY
C	2.750/2.749"
D	5/8" WIDE X 5/16" DEEP KEYWAY
E	35-1/4
F	30PD-5C STD. 44PD-5C ALT.
G	5-3/8"
H	10-5/16
J	12-5/16

UNIT SERIES: "GSA" 228
GEAR REDUCER: D-228 A

"GSA" PUMPING UNIT

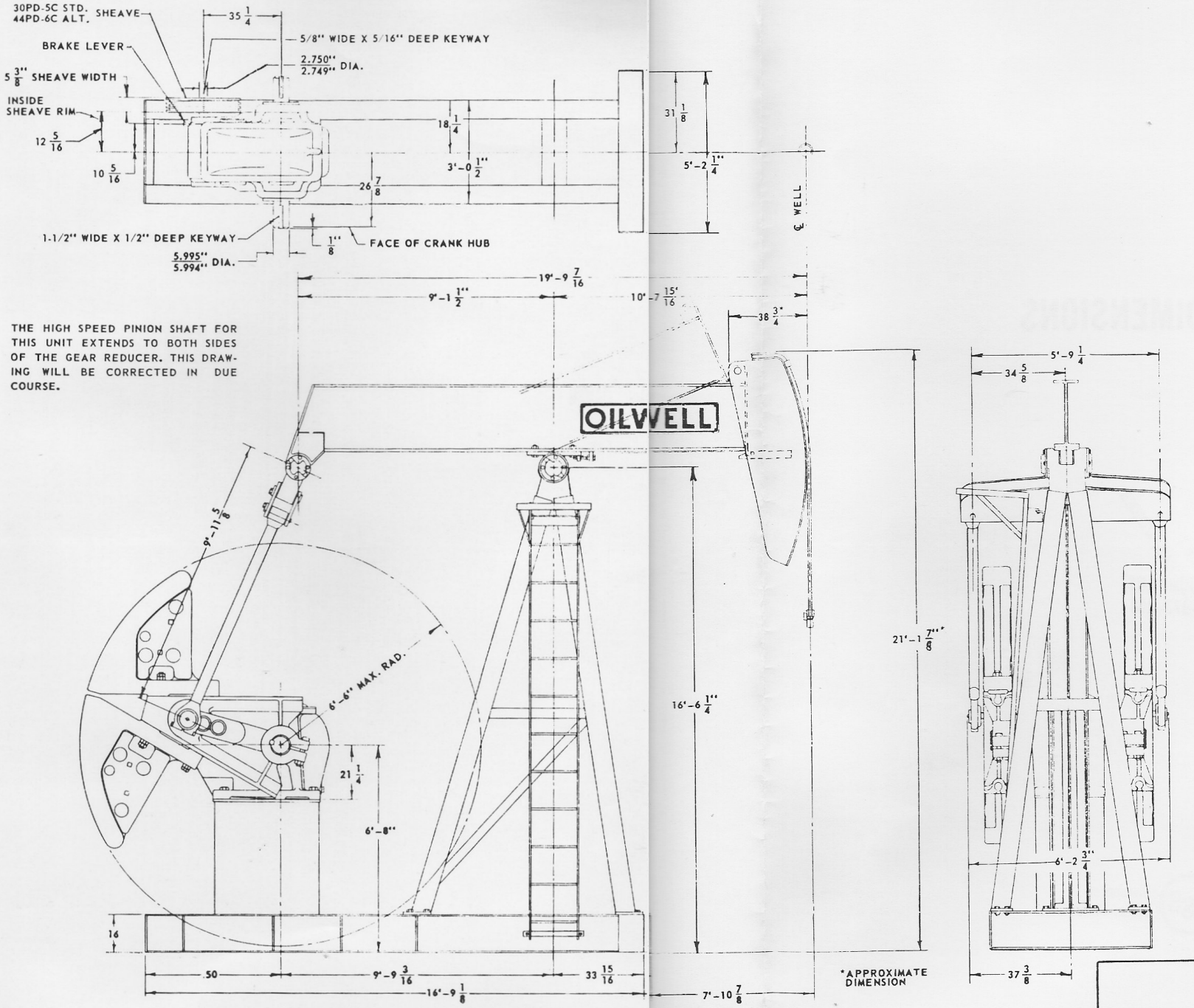
228-200-74

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

PROPERTY OF
LUFKIN GEAR WORKS

OUTLINE DIMENSIONS

ENGR. REF.		TS - 203	B



THE HIGH SPEED PINION SHAFT FOR THIS UNIT EXTENDS TO BOTH SIDES OF THE GEAR REDUCER. THIS DRAWING WILL BE CORRECTED IN DUE COURSE.

UNIT SERIES: "GSA" 228

GEAR REDUCER: D-228 A

"GSA" PUMPING UNIT

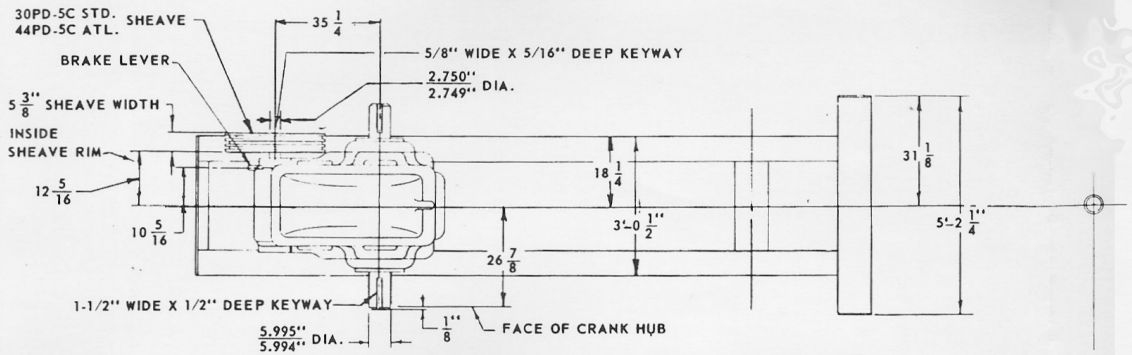
228-173-100

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

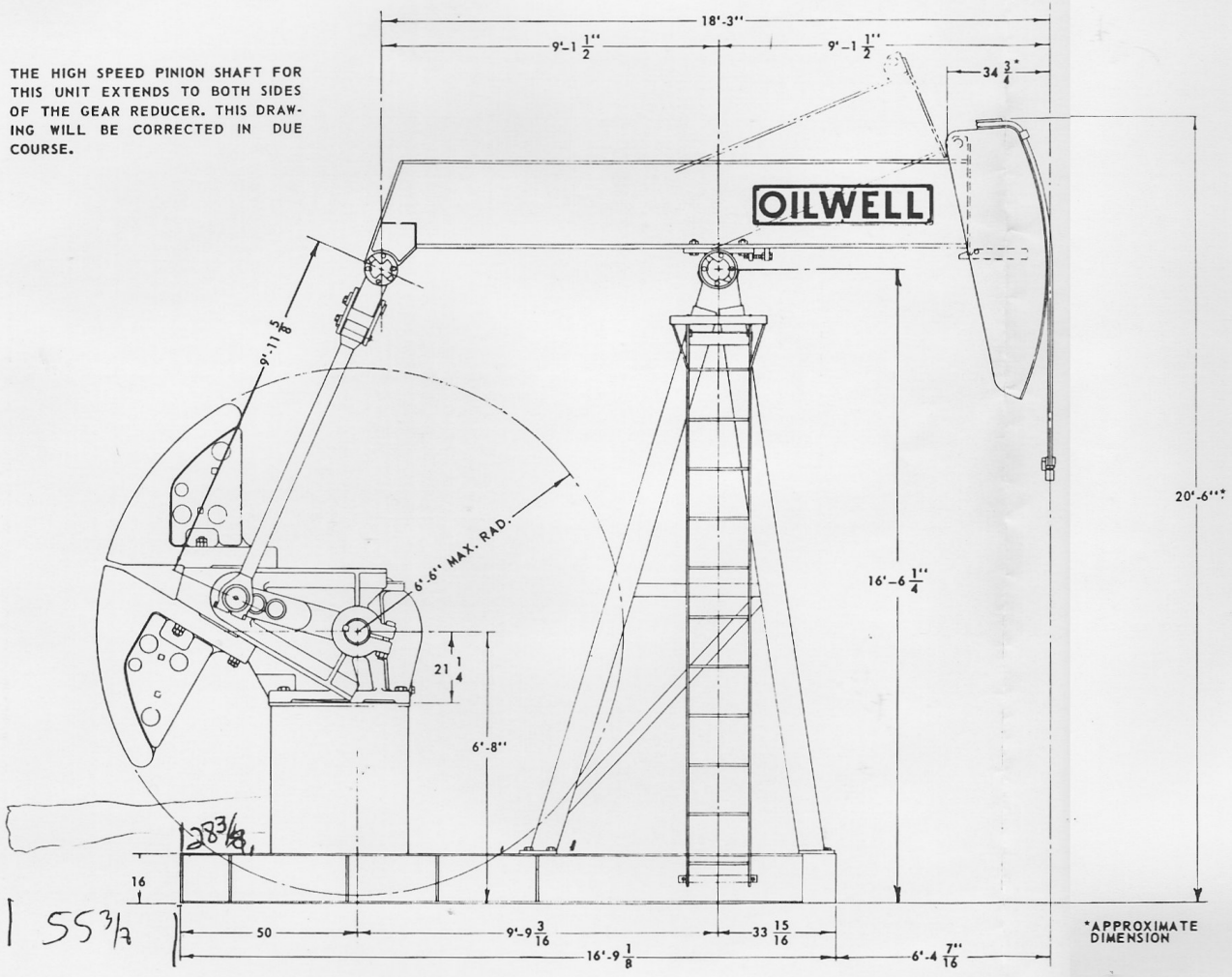
PROPERTY OF
OILWELL GEAR WORKS

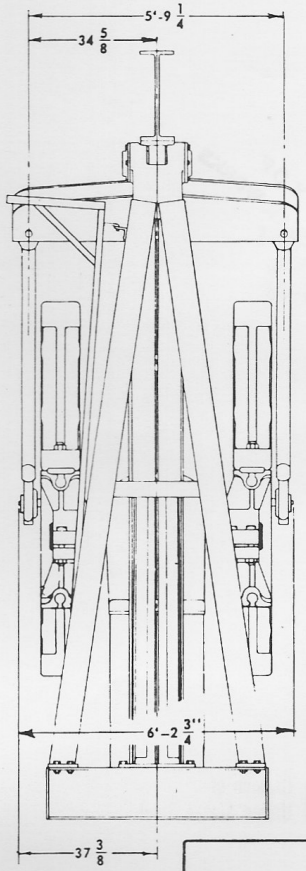
OUTLINE DIMENSIONS

ENGR. REF.



THE HIGH SPEED PINION SHAFT FOR THIS UNIT EXTENDS TO BOTH SIDES OF THE GEAR REDUCER. THIS DRAWING WILL BE CORRECTED IN DUE COURSE.





UNIT SERIES: "GSA" 228
GEAR REDUCER: D-228 A

"GSA" PUMPING UNITS

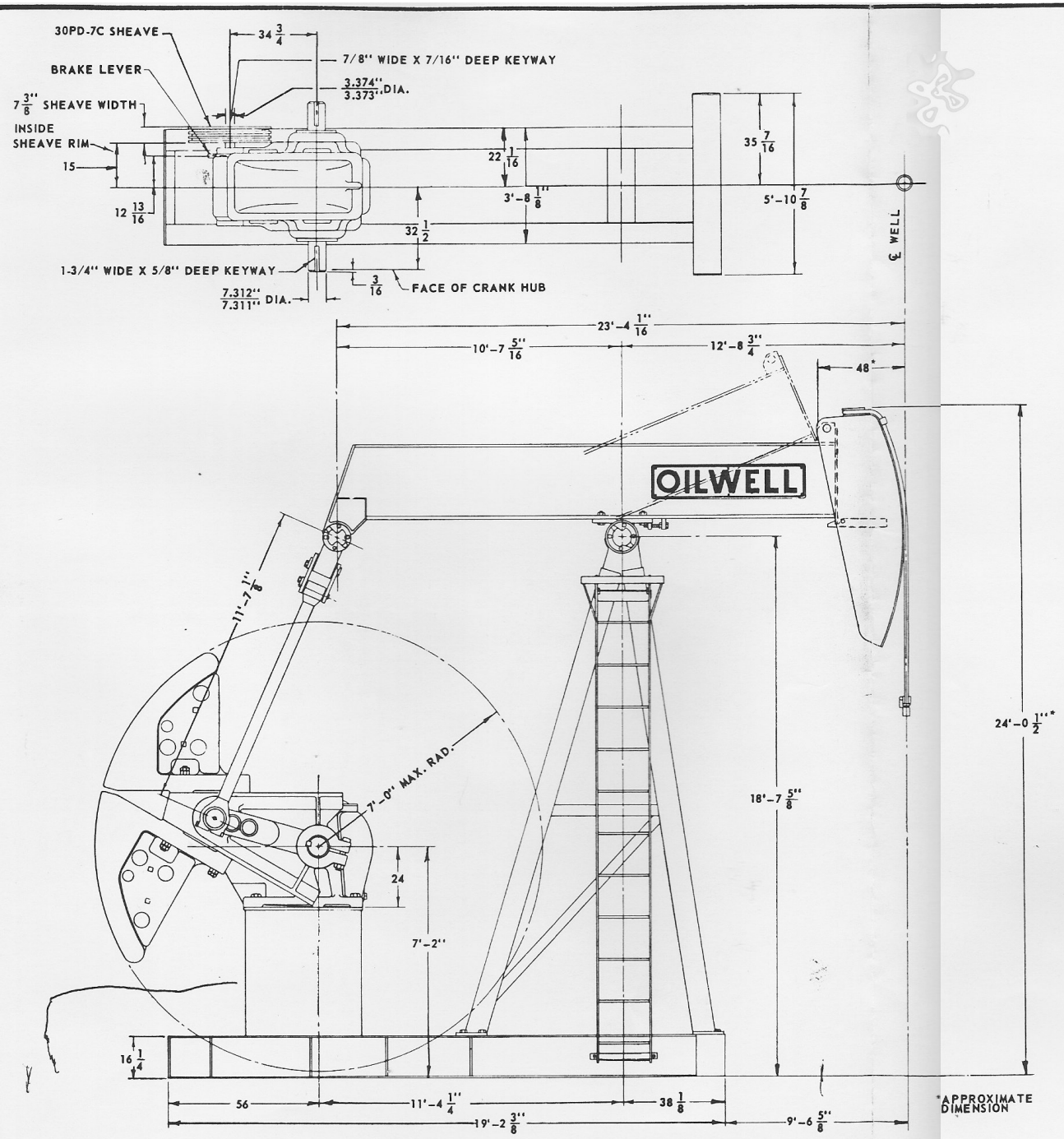
228-213-86
228-246-86

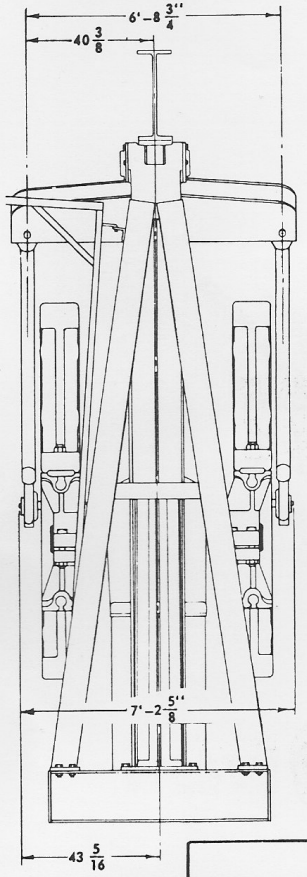
NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

PROPERTY OF
NAMER MFG. GEAR WORKS

OUTLINE DIMENSIONS

ENGR. REF.		TS - 206	B
COMMERCIAL			





UNIT SERIES: "GSA" 320
GEAR REDUCER: D-320B

"GSA" PUMPING UNITS

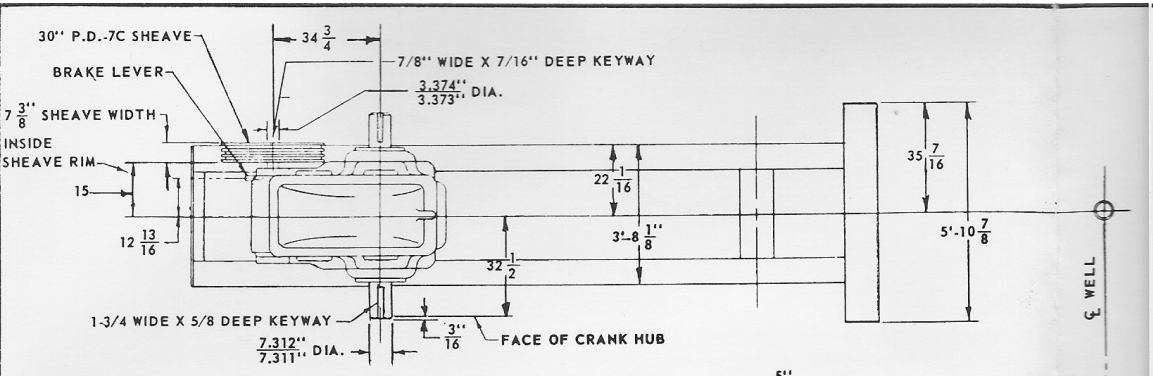
320-213-120
320-256-120

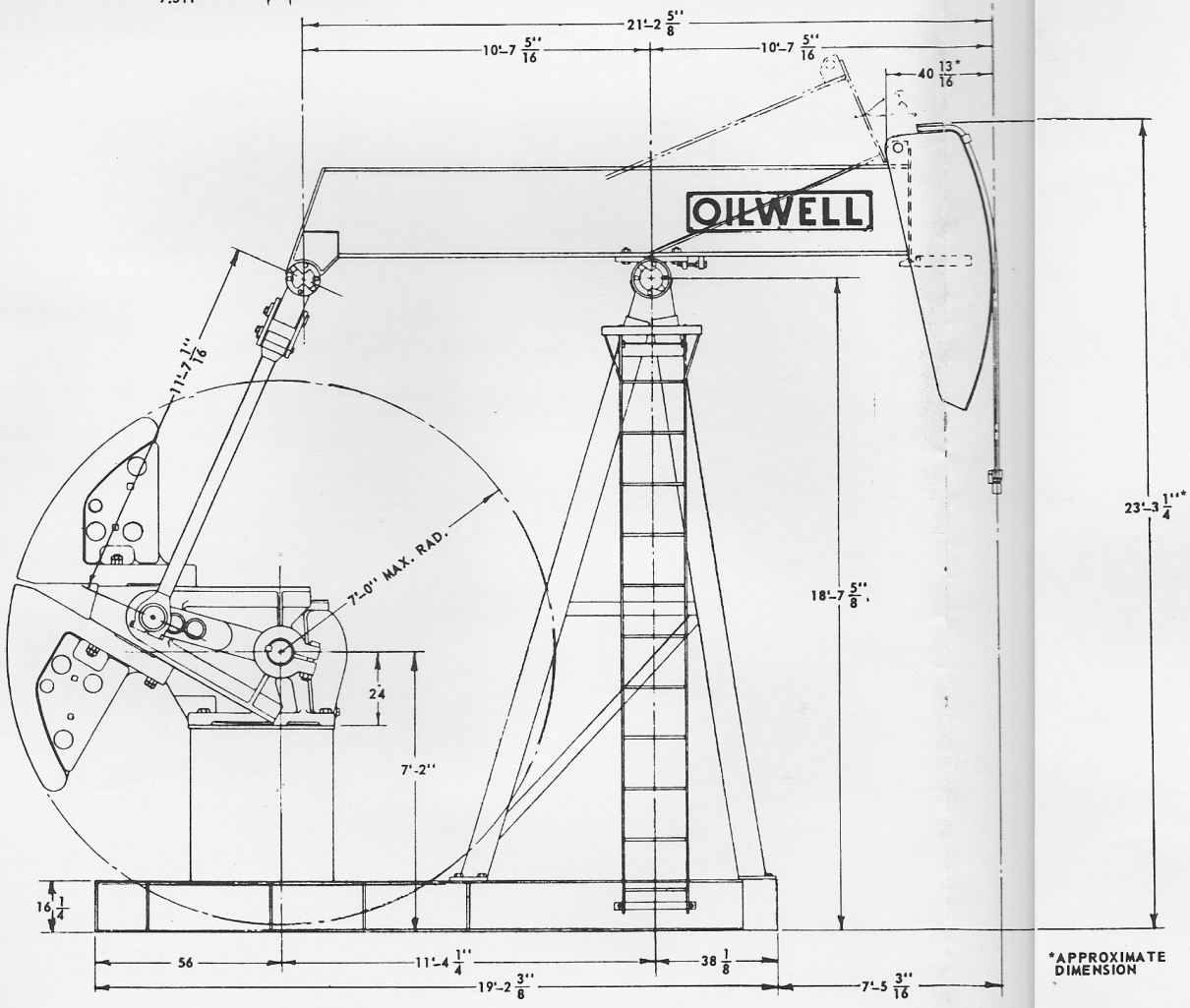
NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

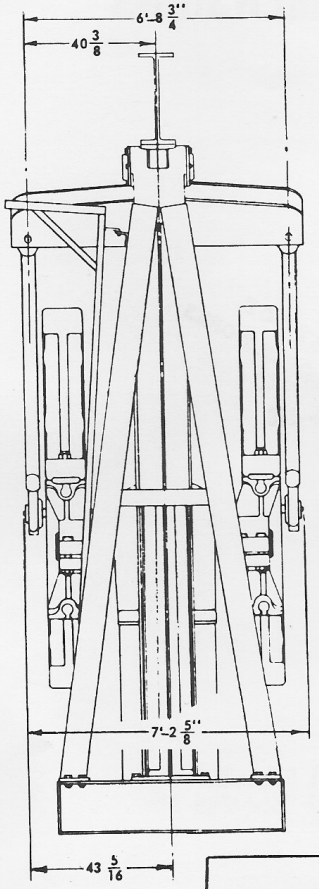
PROPERTY OF HAMER MFG. CAR WORKS

OUTLINE DIMENSIONS

ENGR. REF.		TS - 207	B
COMMERCIAL			







*APPROXIMATE DIMENSION

UNIT SERIES: "GSA" 320
GEAR REDUCER: D-320B

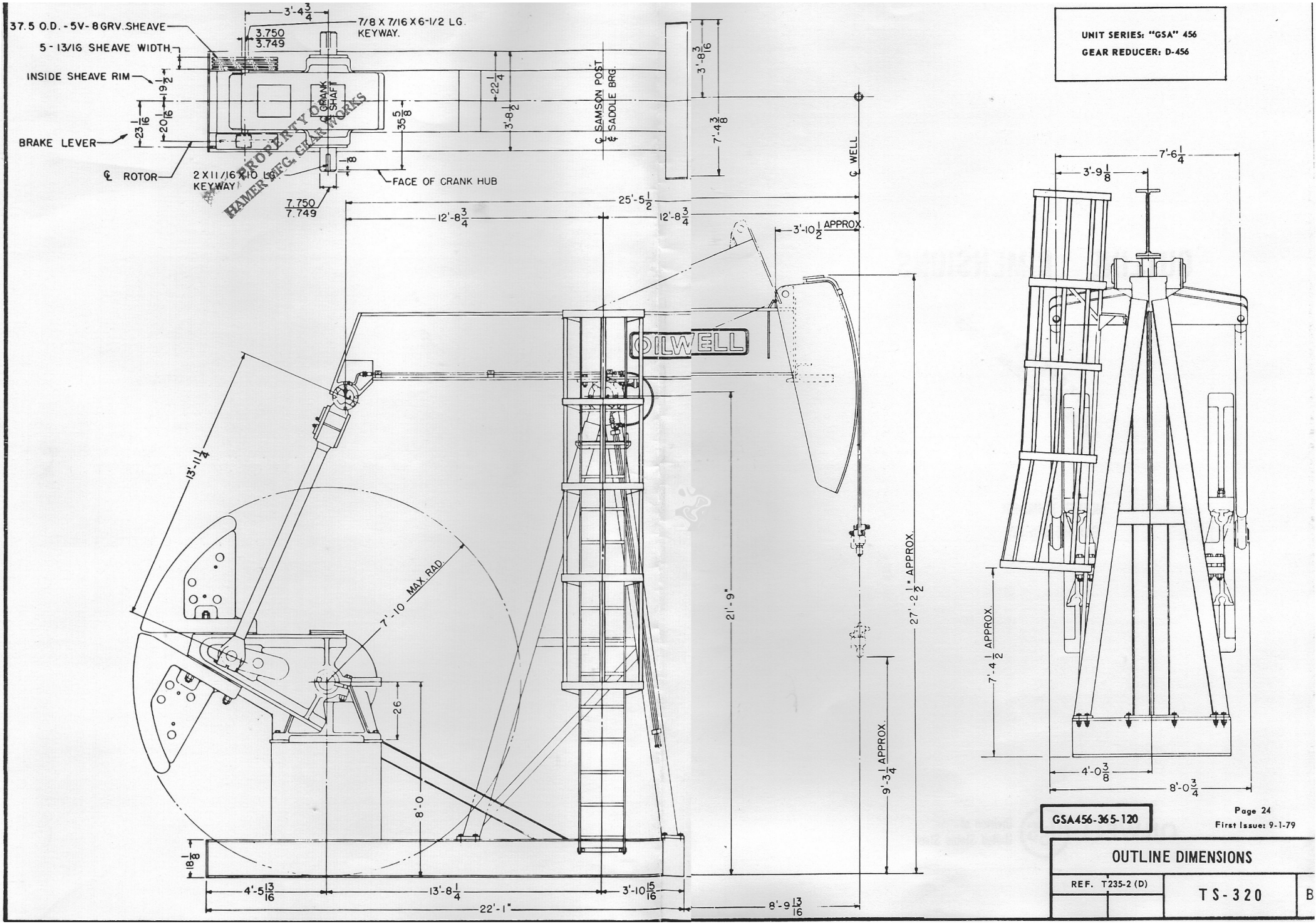
"GSA" PUMPING UNIT
PUMPING UNIT(S)
320-305-100

PROPERTY OF HAMEL MFG. & GEAR WORKS

NOTE: THESE DIMENSIONS ARE ACCURATE BUT SHOULD NOT BE USED FOR INSTALLATION UNLESS CERTIFIED.

OUTLINE DIMENSIONS

ENGR. REF.		TS - 208	B
COMMERCIAL			



UNIT SERIES: "GSA" 456
GEAR REDUCER: D-456

GSA456-365-120

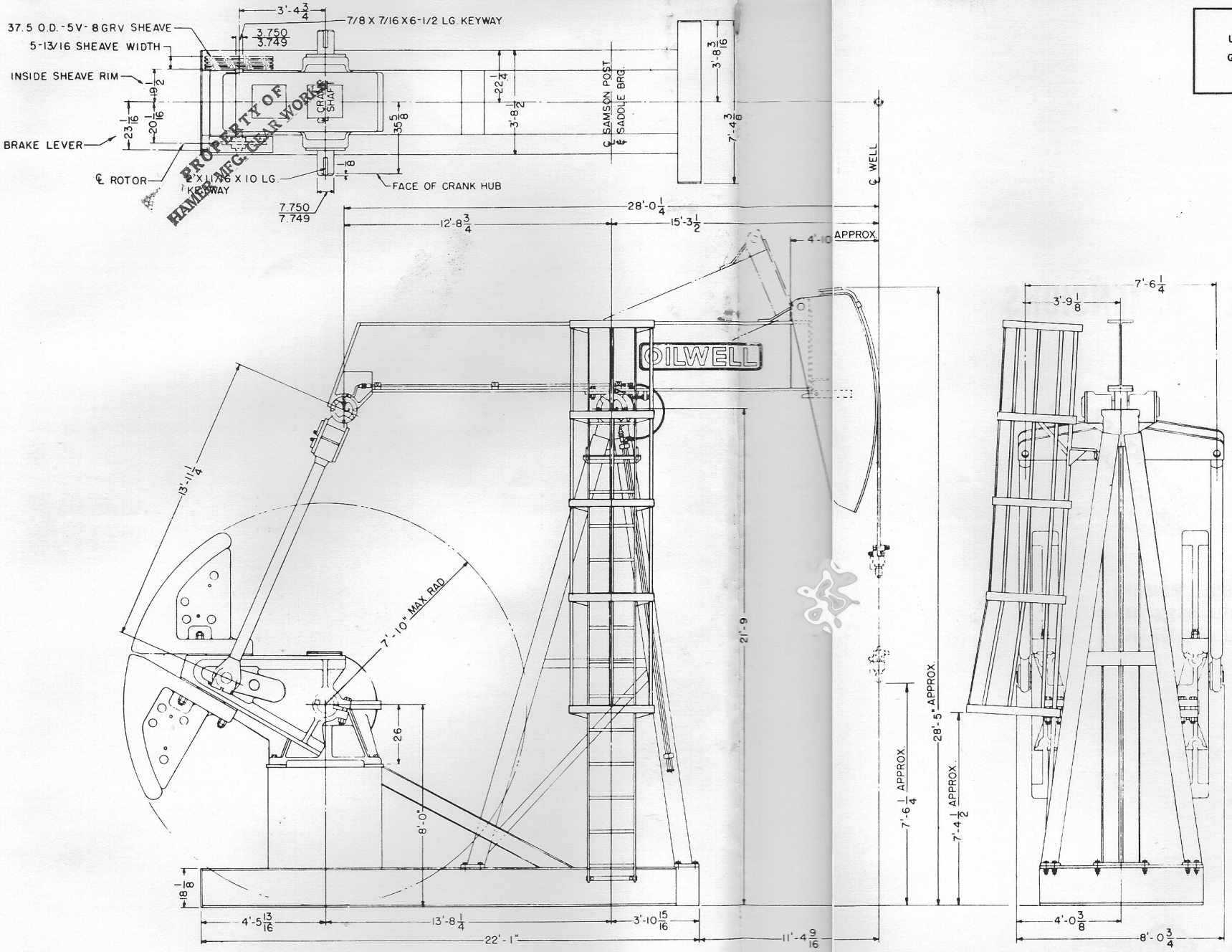
Page 24
First Issue: 9-1-79

OUTLINE DIMENSIONS

REF. T235-2 (D)

TS-320

B



PROPERTY OF HAMER MFG. CLEAR WORKS

UNIT SERIES: "GSA" 456
GEAR REDUCER: D-456

GSA456-256-144
GSA456-305-144

First Issue: 9-1-79

OUTLINE DIMENSIONS

REF. T235-A2 (D)

TS-321

B