

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-101
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. CONOCO INC. 10 DESTA DRIVE STE 100W MIDLAND, TEXAS 79705		² OGRID Number 005073
		³ API Number 30-025-32530
⁴ Property Code 13396	⁵ Property Name Hardy 36 State	⁶ Well No. 7

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
SE	36	20S	37E		2200'	North	990	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Wildcat (Hardy Tubb Drinkard Requested)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3496'
¹⁶ Multiple No	¹⁷ Proposed Depth 6975'	¹⁸ Formation Tubb-Drinkard	¹⁹ Contractor	²⁰ Spud Date 7/1/94

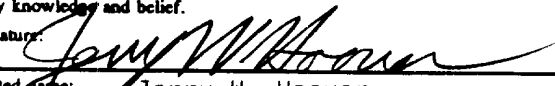
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	40#	1500'	700	Surface
8-3/4"	7"	26#	6975"	1870	Surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

It is proposed to drill this well vertically through the Drinkard formation according to the plan outlined in the following attachments:

1. Well Location & Acreage Dedication Plat (C-102)
2. Proposed Well Plan Outline
3. Cementing Program
4. BOP & Choke Manifold Specifications

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature:  Printed name: Jerry W. Hoover Title: Sr. Conservation Coordinator Date: 5/27/94 Phone: (915) 686-6548		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNATURE OF JERRY SEXTON Title: DISTRICT SUPERVISOR Approval Date: 5/27/94 Expiration Date: 5/27/94 Conditions of Approval: Attached <input type="checkbox"/>
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MAY 31 1994

U.S. DEPARTMENT OF
OFFICE

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Artesia, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number		2 Pool Code 29760		3 Pool Name Hardy Tubb Drinkard	
4 Property Code 13396		5 Property Name HARDY 36 STATE			
6 Well Number 7					
7 OGRID No. 005073		8 Operator Name Conoco, Inc.			
9 Elevation 3496'					

10 Surface Location

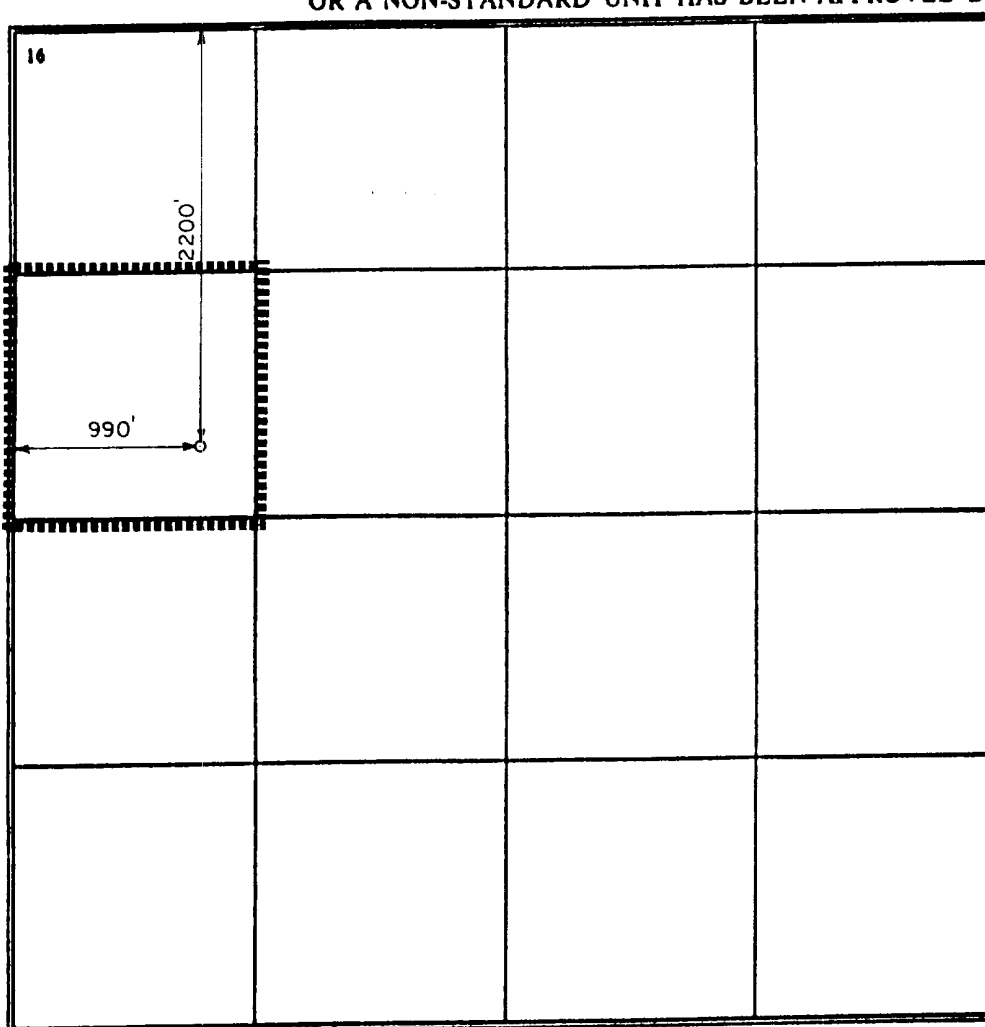
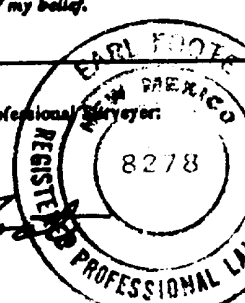
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	36	20-S	37-E		2200	North	990	West	Lea

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 4.0	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature: <u>Jerry W. Hoover</u> Printed Name: <u>Jerry W. Hoover</u> Title: <u>Sr. Conservation Coordinator</u> Date: <u>5/27/94</u>	
	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey: <u>May 19, 1994</u> Signature and Seal of Professional Surveyor: <u>Earl F. Frazier</u> Certificate Number: <u>8278</u>	
		

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MAY 21 1894

U.S. DEPT. OF AGRICULTURE
OFFICE

PROPOSED WELL PL/ OUTLINE

WELL NAME **HARDY 36 STATE NO. 7**

LOCATION **2200' FNL, 990' FWL SECT. 36 T-20S R-37E LEA CO.**

TVD IN 1000'	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD	FORMATION PRESSURE GRADIENT	MUD WT TYPE	DAYS
0			POSSIBLE HOLE ENLARGEMENT AND SLOUGHING		12-1/4"				8.4 FRESH	
1		RUSTLER 1430'				9-5/8" 1500' 36# K-55 (700 sss to surface)			10 BRINE	3
2		B/SALT 2525' YATES 2610' 7-RIVERS 2882'		2-MAN MUD LOGGERS ON AT 3500'						
3		GRAYBURG 3784' SAN ANDRES 4009'		H2S MONITOR ON AT 4009'						
4			POSSIBLE LOST CIRCULATION AND SEEPAGE TO TOTAL DEPTH		8-3/4"				BRINE STARCH 10 - 10.2	
5		GLORietta 5217' BLINERY 5763'	CASES OF DIFFERENTIAL STICKING THROUGH GLORietta							
6		TUBB 6308' DRINKARD 6602' TD @ 6975'		GR-CAL-DDL-MSFL 3500' - TD GR-CAL-FDC-CNL-PE 3500' - TD		7" TD 26# K-55 (1800 sss to surface)				17
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										

DATE _____

APPROVED **D.W. EUBANK**
DRILLING ENGINEER

RECEIVED

MAY 31 1984

U.S. DEPARTMENT OF
OFFICE

WELL NAME: HARDY STATE 36 No. 7

LOCATION: 2080 FNL 2230 FWL Sect. 36 T-20S R-37E

Casing Program

Surface 9-5/8" inch in 12-1/4 hole at 1500 ft.
Inter inch in hole at ft.
Prod 7 inch in 8-3/4 hole at 6975 ft.

Cementing Program

Surface

Lead 500 sxs Class C Mixed at 13.7 ppq
Additives 4 1/2 GEL 2 1/2 A-7 0.2 1/2 SMS
Tail 200 sxs Class C Mixed at 14.8 ppq
Additives 2 1/2 A-7

Intermediate (first stage)

Lead sxs Class Mixed at ppq
Additives
Tail sxs Class Mixed at ppq
Additives
Percent Free Water Water Loss cc

(second stage)

Lead sxs Class Mixed at ppq
Additives
Tail sxs Class Mixed at ppq
Additives
Percent Free Water Water Loss cc

Production (first stage)

Lead 150 sxs Class C Mixed at 12.8 ppq
Additives 0.2 1/2 SMS
Tail 150 sxs Class C Mixed at 14.8 ppq
Additives 1 1/2 RA-10 0.2 1/2 SMS 1 1/2 A-7
Percent Free Water Water Loss cc

(second stage)

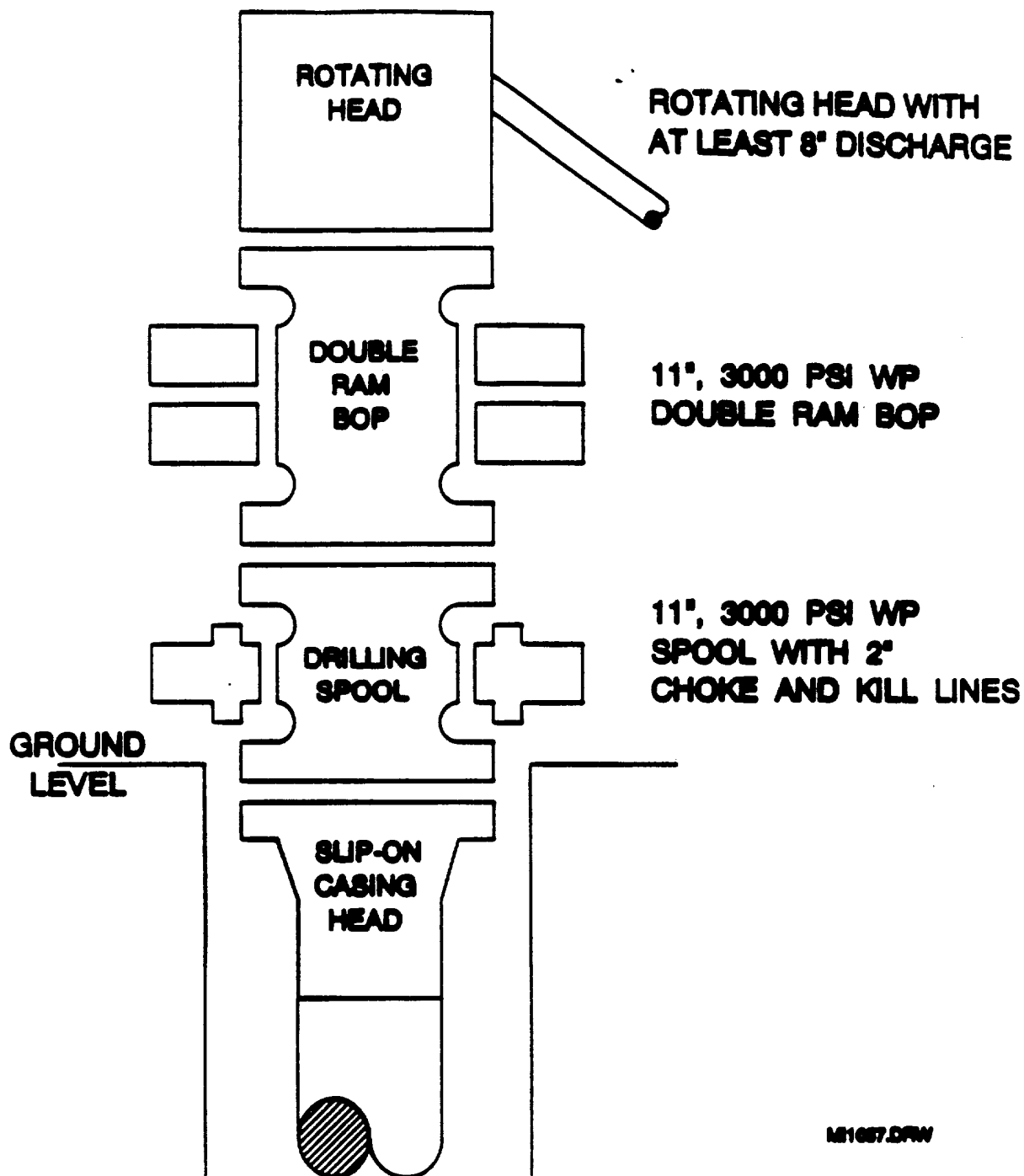
Lead 1070 sxs Class C Mixed at 14.2 ppq
Additives 8 1/2 A-10 0.25 1/2 FL-62 0.2 1/2 SMS
Tail 300 sxs Class C Mixed at 14.8 ppq
Additives 1 1/2 RA-10 0.2 1/2 SMS 1 1/2 A-7
Percent Free Water Water Loss cc

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MAY 21 1964

OUR RECORDS
OFFICE

BOP SPECIFICATIONS

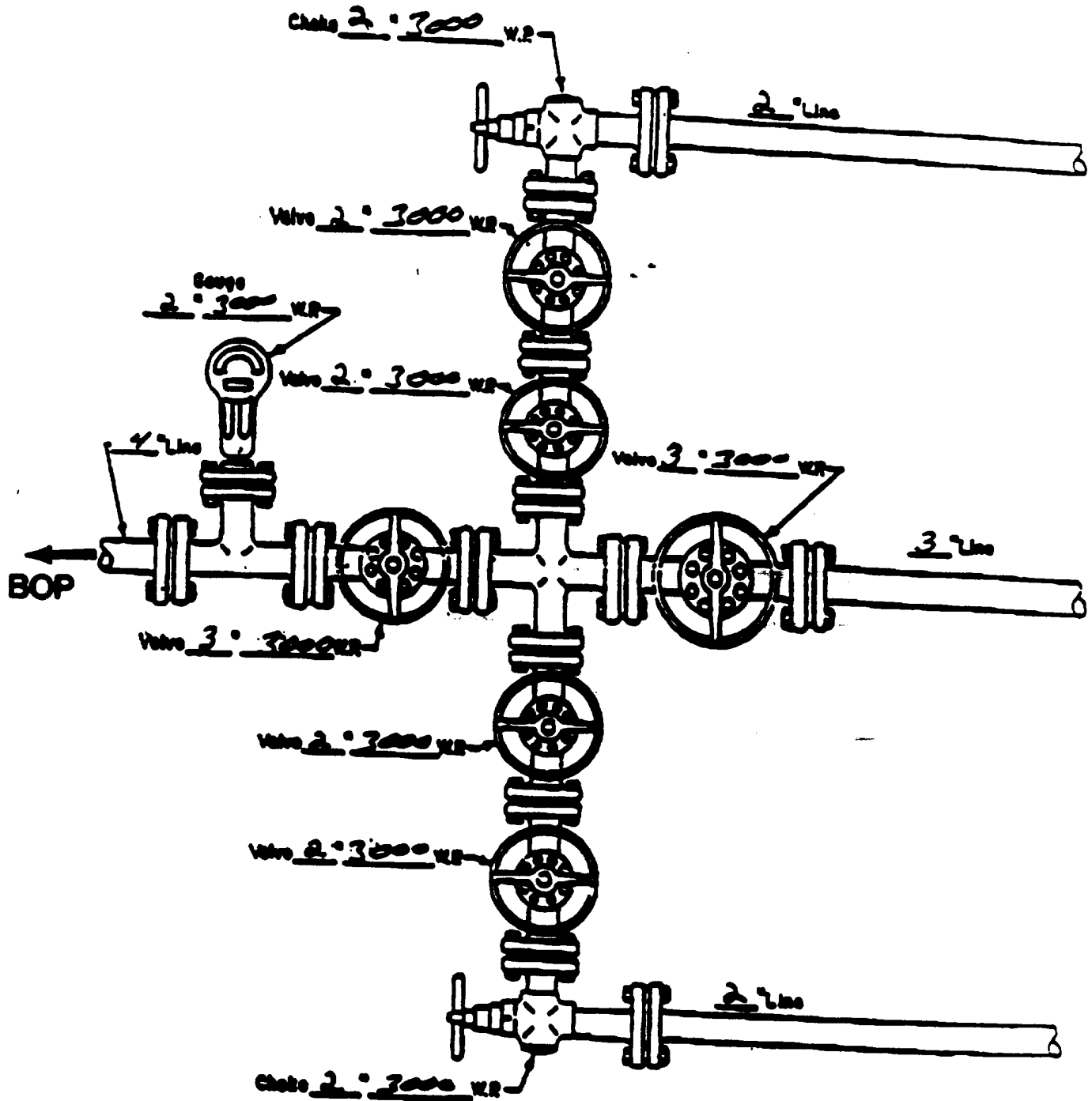


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MAY 31 1994

**OGD RECORDS
OFFICE**

CHUCKE MANIFOLD DIAGRAM



MANIFOLD
3000 W.P.

☒ Manual
☐ Hydraulic

5/11/95
2/14/95
5/1/95
ELF

OFFICE