

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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 Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-015-27335
⁴ Property Code 12375	⁵ Property Name Hooper AMP	⁶ Well No. 1-7

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
M	21	19-S	25-E		820'	South	660'	West	Eddy

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
L	21	19-S	25-E		1980'	South	760'	West	Eddy
⁹ Proposed Pool 1 Dagger Draw Upper Penn, North					¹⁰ Proposed Pool 2				

¹¹ Work Type Code Multiple	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3503'
No	¹⁶ Proposed Depth 8870' MD	¹⁷ Formation Canyon	¹⁸ Contractor Not Determined	¹⁹ Spud Date ASAP

²¹ Proposed Casing and Cement Program					
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	9 5/8"	36#	1165'	sx	In Place
8 3/4"	7"	23# & 26#	8300'	sx	In Place
4 3/4"	Open Hole	-----	8870' MD	Open Hole	-----

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.

PLEASE SEE DRILLING PROGNOSIS, CHARTS, LOG AND PLAT MAP ATTACHED

BOPE PROGRAM: A 3000# BOP will be installed on the 9 5/8" casing and tested daily.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: _____		OIL CONSERVATION DIVISION	
Printed name: Ken Beardemphl		Approved by: _____	
Title: Landman		Title: _____	
Date: July 19, 2000		Approval Date: JUL 24 2000 Expiration Date: JUL 24 2001	
Phone: (505) 748-1471		Conditions of Approval: _____	
		Attached ☐	

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State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-27335		Pool Code	Pool Name Dagger Draw Upper Penn, North
Property Code	Property Name Hooper "AMP"		Well Number 1-H
OGRID No. 025575	Operator Name Yates Petroleum Corporation		Elevation 3503'

¹⁰ Surface Location

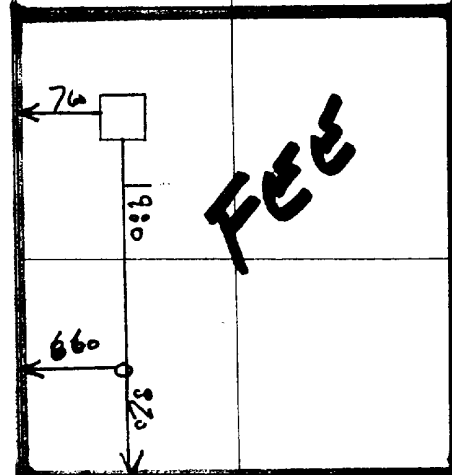
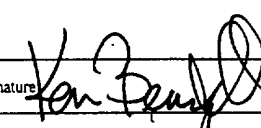
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	21	19-S	25-E		820'	South	660'	West	Eddy

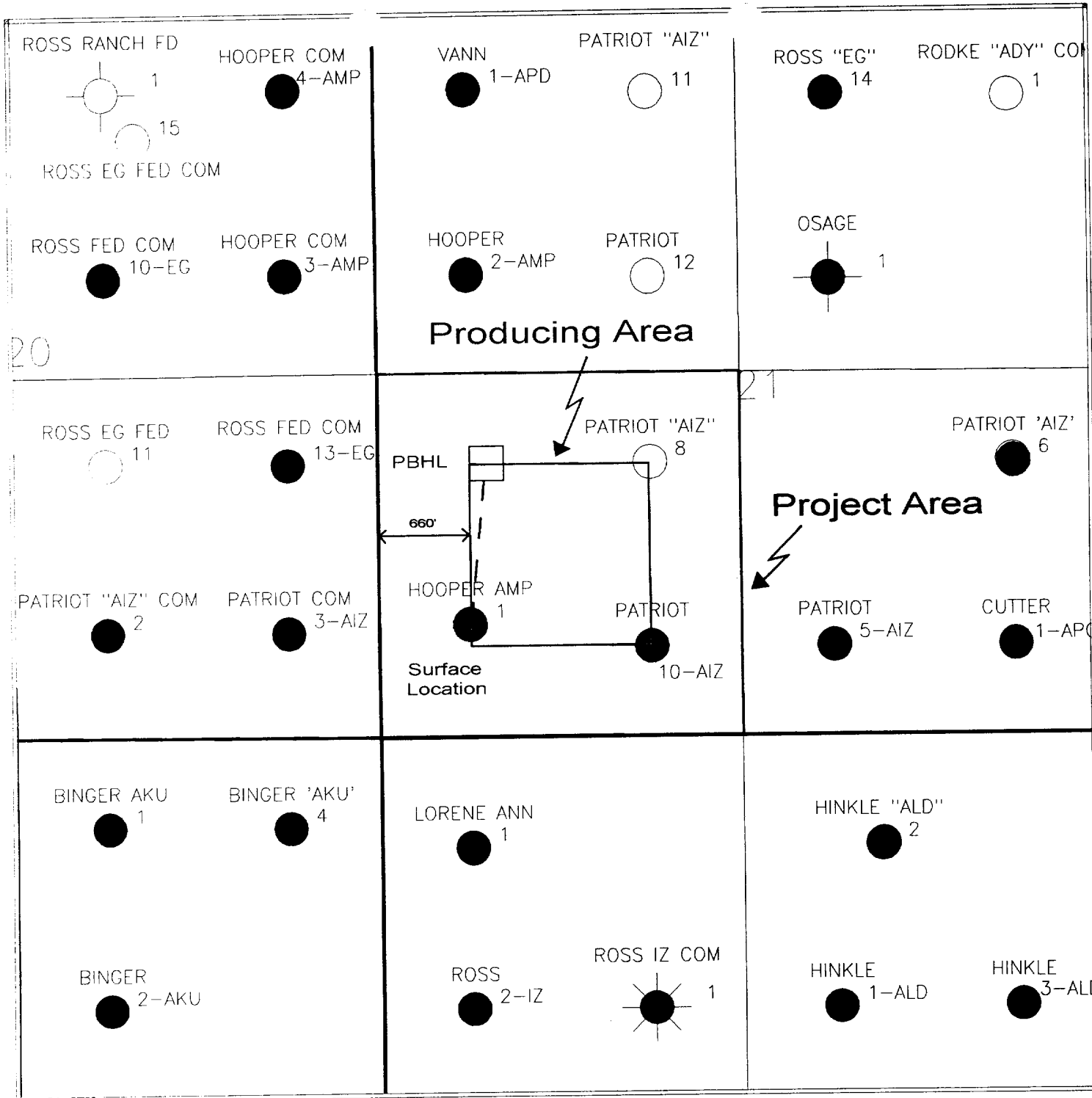
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	21	19-S	25-E		1980'	South	760'	West	Eddy

Dedicated Acres 160	Joint or Infill	Consolidation Code	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

16 	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature:  Printed Name: Ken Beardemphl Title: Landman Date: July 19, 2000
	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: _____ Signature and Seal of Professional Surveyor: _____ PLEASE REFER TO ORIGINAL PLAT Certificate Number: _____



Surface Location: 820' FSL & 660' FWL Sec. 21-T19S-R25E
 Proposed Bottom Hole Location: 1980' FSL & 760' FWL Sec. 21-T19S-R25E

Yates Petroleum Corporation		
HOOPER AMP #1-H Section 21 T19S-R25E		
Geol: B. May		4/25/2000
Id	Scale 1:12000.	ddhoop1.gpf

Preliminary Drilling Prognosis

Yates Petroleum

This information is only approximate. Final form may vary

Hooper AMP #1-H
Surface: Sec. 21 19S-25E 820' S & 660' W
Bottom Hole: 1,980' S & 760' E
Eddy County, NM, 8,870' MD Canyon

Procedure:

YPC plans to re-enter this well which was drilled in 1993. The well is currently producing. The tubing and sub pump will be pulled from the well, and the perforations will be left open. A cast iron bridge plug will be set at +/-7,674'. A whipstock will then be set inside of the casing on top of the CIBP. A window will then be milled in the casing at 7,654', and the wellbore will be sidetracked out of the 7" casing. A 4 3/4" bit will be used for the horizontal lateral. A build rate of 60 deg/100' will be used until a final inclination of 90 degrees is reached. This should occur at 7,800' MD, 7,750' TVD. From this point the 90 degree angle will be maintained and a lateral approximately 1,050' long will be drilled. The end of the lateral will be 8,870' MD, 7,750' TVD.

Geological Program

Expected Tops:

SAN ANDRES	Depth: 713
GLORIETA	Depth: 2238
BONE SPRING	Depth: 3706
WOLFCAMP LST	Depth: 5818
CANYON LST	Depth: 7654
CANYON DOLOMITE	Depth: 7710*
TD	Depth: 7750' TVD, 8,870' MD

*This depth is the middle of the productive Canyon Dolomite.

Drilling Program

Hole Size		Casing Program		
Size	Depth To	Size	Weight	Depth
14.75"	1165'	9.625"	36#J-55	1165'
8.75"	8300'	7"	23#, 26#	8300'
4.75"	8,870' MD	OPEN HOLE		

NOTE: The 9.625" and 7" casing strings are set and cemented in place.

Mud Program

Depth		Type	Weight
From	To		
0'	TD	FW	8.4-8.6
		Vis: 28-32	

Directions to Location

N/A at this time.

Hooper1

Job Number: 1

State/Country: NM/USA

Company: Yates Petroleum Corporation

Declination:

Lease/Well: Hooper AMP #1-H

Grid:

Location: Section 21 T19S-R25E

File name: C:\WINSERVE\HOOPER1H.SVY

Rig Name: N/A

Date/Time: 14-Jun-00 / 09:57

RKB:

Curve Name:

G.L. or M.S.L.:

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

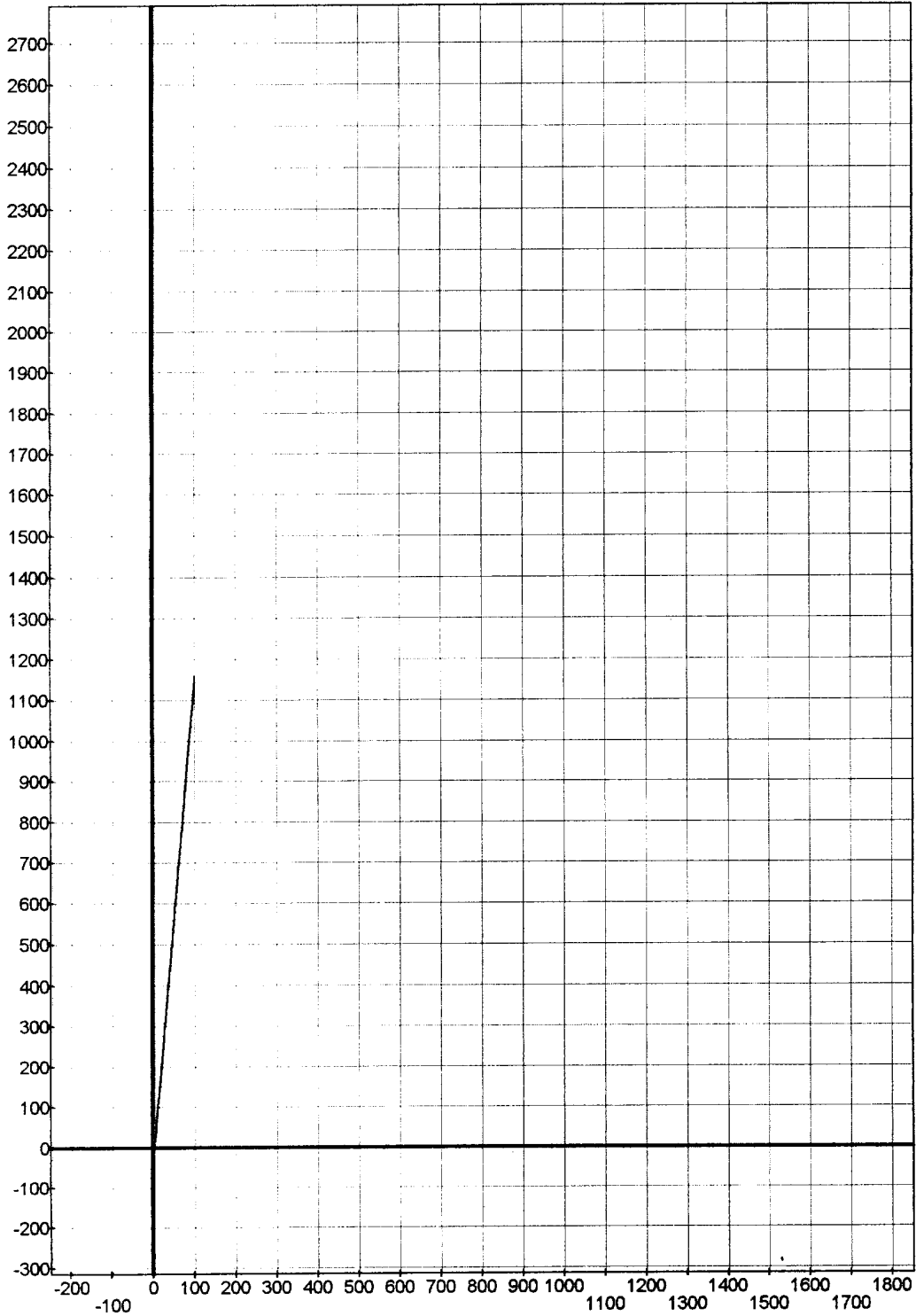
Vertical Section Plane 4.93

Vertical Section Referenced to offset from Wellhead: EW=.00 Ft, NS=.00 Ft

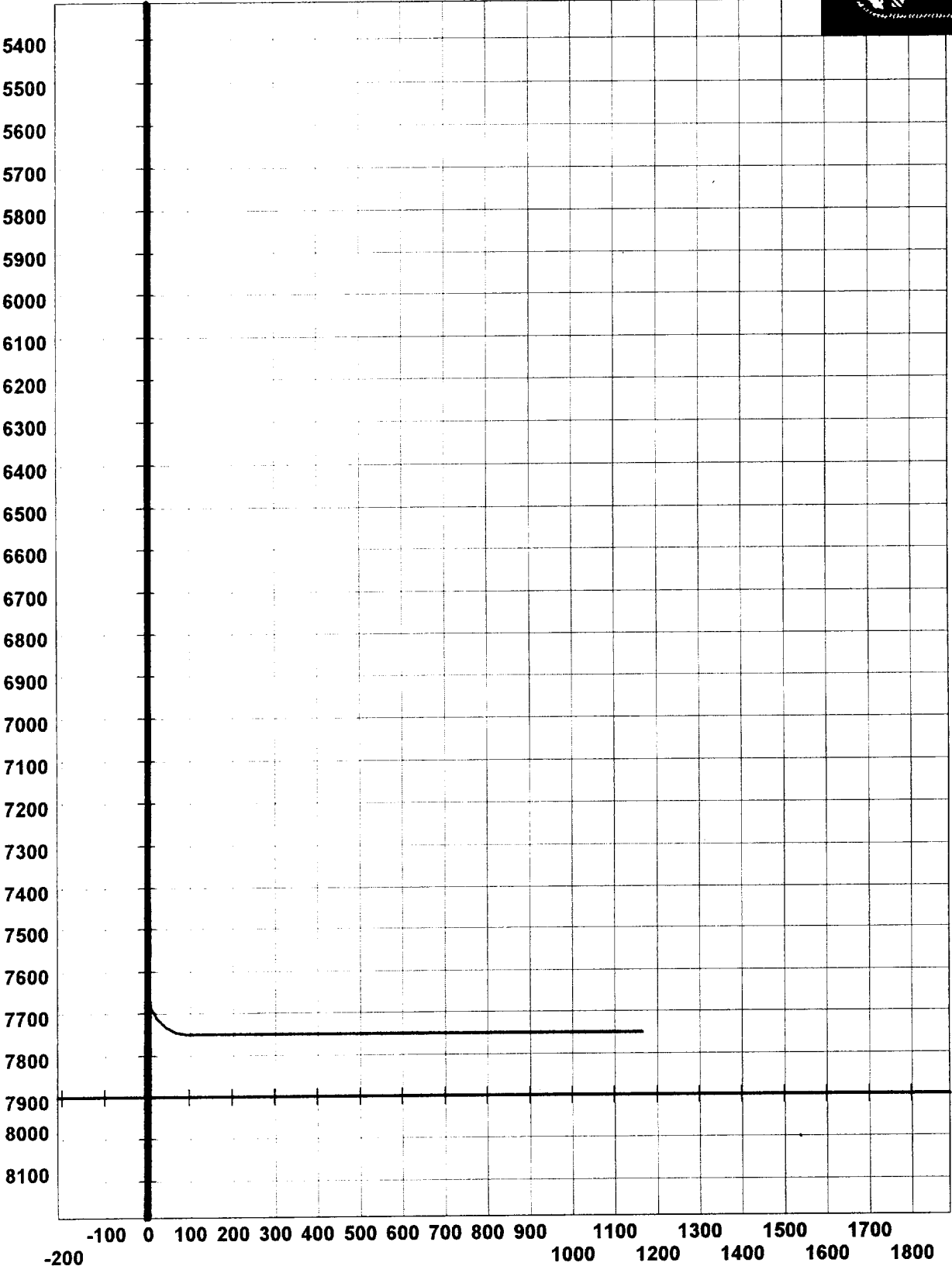
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
7654.00	.00	4.93	7654.00	.00	.00	.00	.00	.00	.00
7684.00	17.90	4.93	7683.51	4.63	.40	4.65	4.65	4.93	59.68
7714.00	35.81	4.93	7710.17	18.08	1.56	18.15	18.15	4.93	59.68
7744.00	53.71	4.93	7731.38	39.04	3.37	39.19	39.19	4.93	59.68
7774.00	71.62	4.93	7745.10	65.49	5.65	65.73	65.73	4.93	59.68
7804.00	89.52	4.93	7750.00	94.85	8.18	95.20	95.20	4.93	59.68
7804.80	90.00	4.93	7750.00	95.65	8.25	96.00	96.00	4.93	59.68
7904.80	90.00	4.93	7750.00	195.28	16.83	196.00	196.00	4.93	.00
8004.80	90.00	4.93	7750.00	294.91	25.42	296.00	296.00	4.93	.00
8104.80	90.00	4.93	7750.00	394.54	34.01	396.00	396.00	4.93	.00
8204.80	90.00	4.93	7750.00	494.17	42.60	496.00	496.00	4.93	.00
8304.80	90.00	4.93	7750.00	593.80	51.19	596.00	596.00	4.93	.00
8404.80	90.00	4.93	7750.00	693.43	59.78	696.00	696.00	4.93	.00
8504.80	90.00	4.93	7750.00	793.06	68.37	796.00	796.00	4.93	.00
8604.80	90.00	4.93	7750.00	892.69	76.96	896.00	896.00	4.93	.00
8704.80	90.00	4.93	7750.00	992.32	85.54	996.00	996.00	4.93	.00
8804.80	90.00	4.93	7750.00	1091.95	94.13	1096.00	1096.00	4.93	.00
8873.10	90.00	4.93	7750.00	1160.00	100.00	1164.30	1164.30	4.93	.00

Company: Yates Petroleum Corporation
Lease/Well: Hooper AMP #1-H



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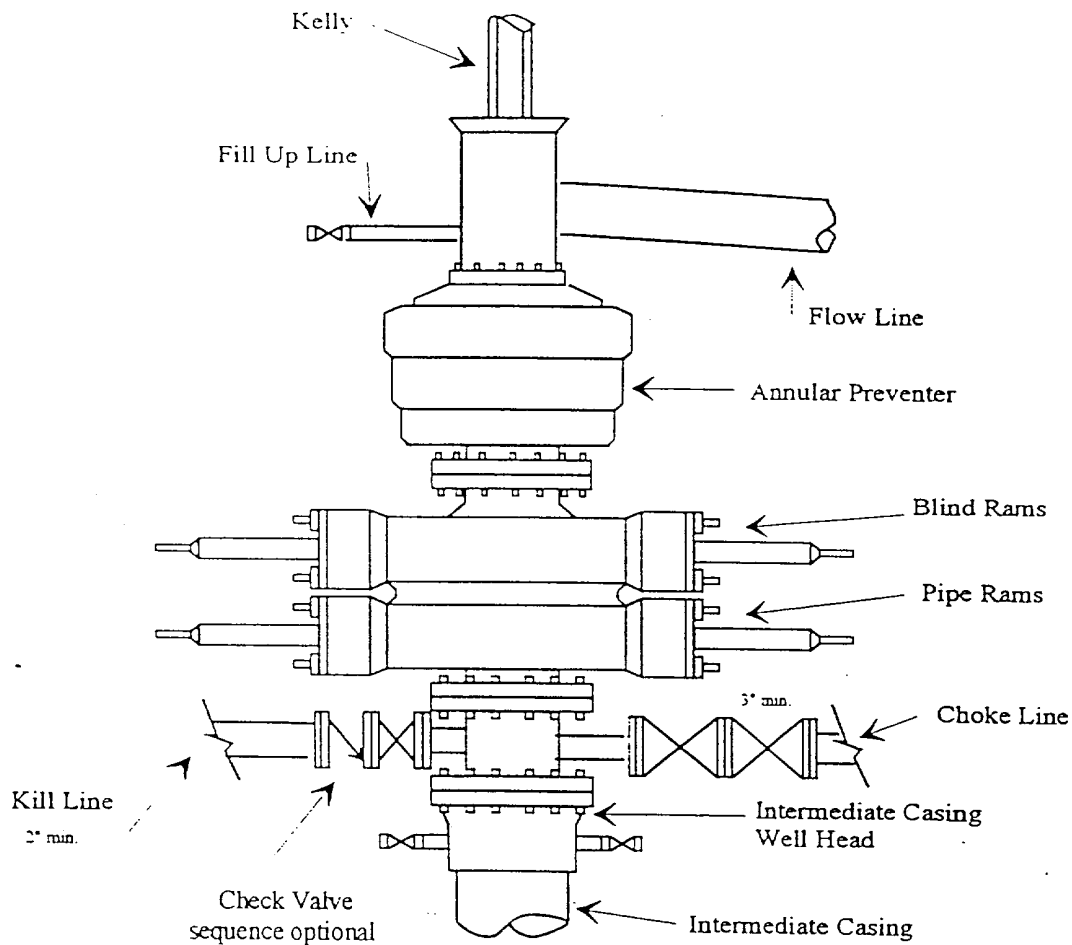




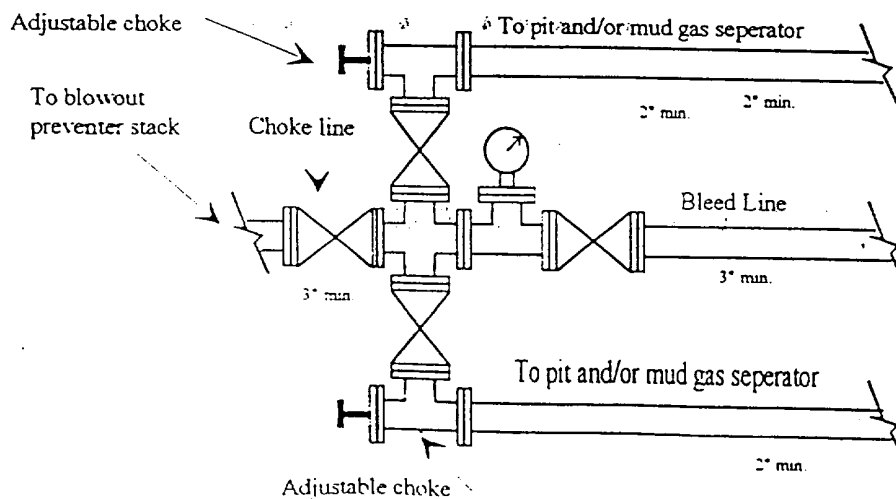
Yates Petroleum Corporation

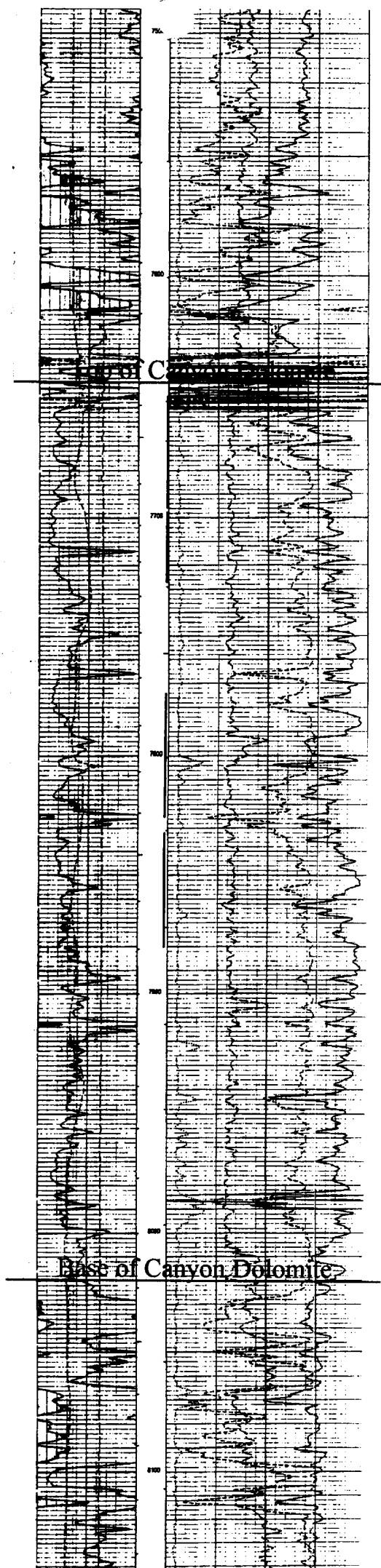
BOP-3

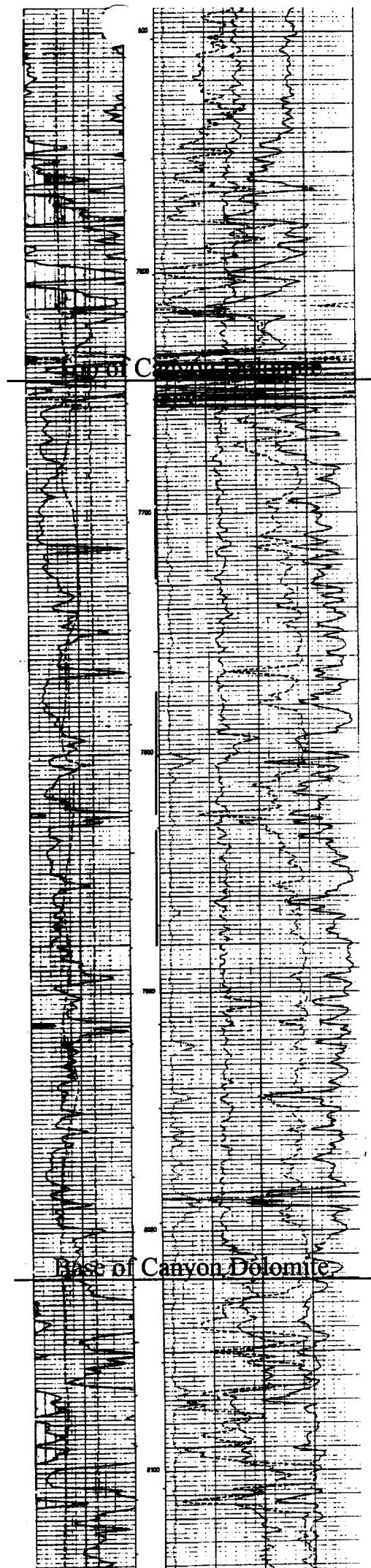
Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



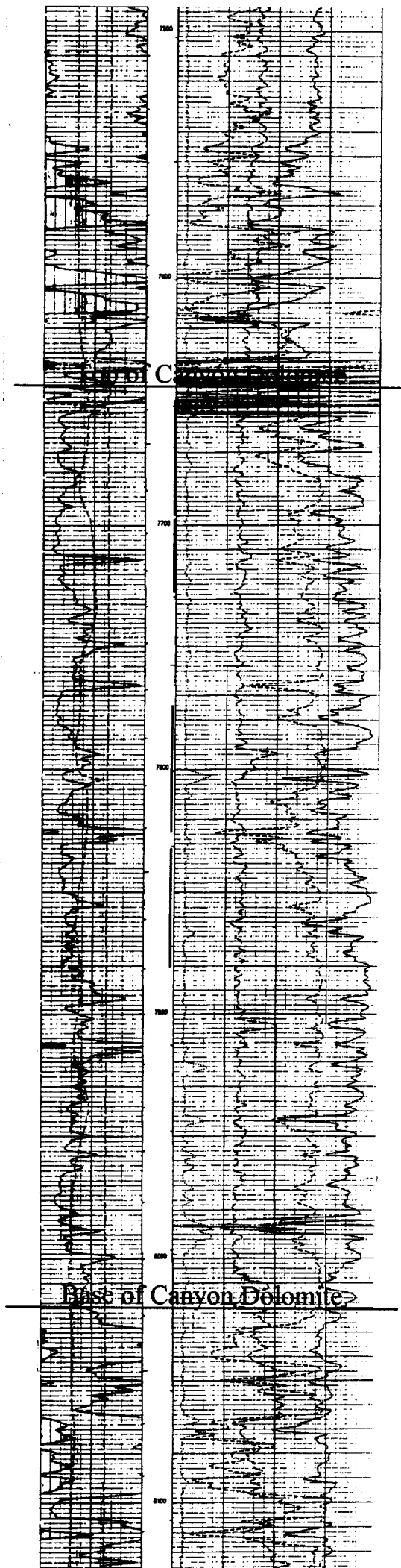
Typical 3,000 psi choke manifold assembly with at least these minimum features







19.00 25.0E 021
820' 1" & 660' FWL



19.0S 25.0E 021
820' FSL 860' FWL

