

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- 015-30881
⁴ Property Code 13654	⁵ Property Name Binger "AKU"	⁶ Well No. 4-12

⁷Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	19-S	25-E		660'	North	660'	East	Eddy

⁸Proposed 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
H	29	19-S	25-E		1980'	North	760'	East	Eddy

⁹Proposed Pool 1

Dagger Draw Upper Penn, North

¹⁰Proposed Pool 2

¹¹ Well Type Code E	¹² Well Type Code O	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3511'
¹⁶ Multiple No	¹⁷ Proposed Depth 9050' MD	¹⁸ Formation Canyon	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

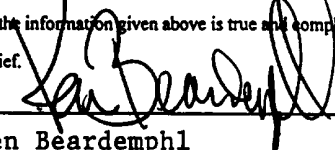
²¹Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	9 5/8"	36#	1165'	1100 sx	In Place
8 3/4"	7"	23# & 26#	8200'	1000 sx	In Place
4 3/4"	Open Hole	-----	9500' 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

BOP 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: ORIGINAL SIGNED BY TIM W. GUM	
Title: Landman		Title: DISTRICT II SUPERVISOR B67	
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
2040 South Pacheco
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

¹ API Number 30-015-30881		² Pool Code 15472	³ Pool Name Dagger Draw, Upper Penn, North
⁴ Property Code 13654	⁵ Property Name Binger "AKU"		⁶ Well Number 4-H
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation		⁹ Elevation 3511'

¹⁰ Surface Location

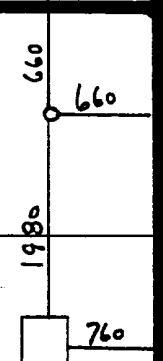
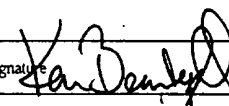
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	29	19-S	25-E		660'	North	660'	East	Eddy

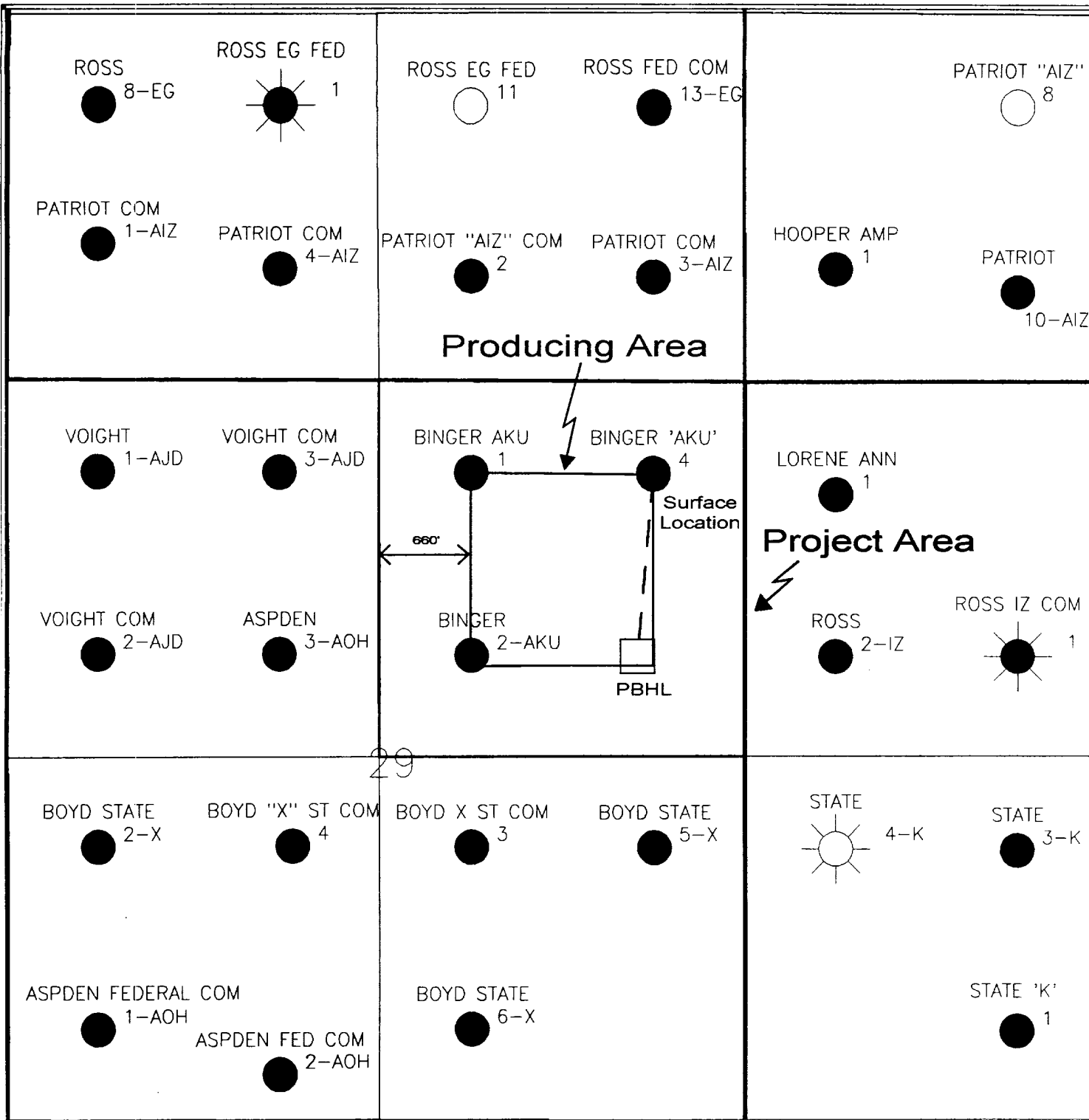
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	29	19-S	25-E		1980'	North	760'	East	Eddy

¹² Dedicated Acres 160	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

16		FREE		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:	
				REFER TO ORIGINAL PLAT	
				Certificate Number	



Surface Location: 660' FNL & 660' FEL Sec. 29-T19S-R25E
 Proposed Bottom Hole Location: 1980' FNL & 760' FEL Sec. 29-T19S-R25E

Yates Petroleum Corporation		
BINGER AKU #4-H Section 29 T19S-R25E		
Geol: B. May		4/25/2000
Id	Scale 1:12000.	ddbmg4.gpf

Drilling Prognosis

Yates Petroleum

This information is only approximate. Final form may vary

Binger AKU #4-H

Surface: Sec. 29 19S-25E 660' N & E

Bottom Hole: 1,980' N & 760' E

Eddy County, NM, 9,050' MD Canyon

Procedure:

YPC plans to re-enter this well which was drilled in 1999. 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 +/-7,690'. 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 7,670', 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 7,820' MD, 7,765' TVD. From this point the 90 degree angle will be maintained and a lateral approximately 1,220' long will be drilled. The end of the lateral will be 9,050' MD, 7,765' TVD.

Geological Program

Expected Tops:

SAN ANDRES	Depth: 720
GLORIETA	Depth: 2265
YESO	Depth: 2440
BONE SPRING	Depth: 5618
WOLFCAMP LST	Depth: 5953
CANYON LST	Depth: 7670
CANYON DOLOMITE	Depth: 7725
TD	Depth: 7765' TVD, 9,050' MD

Drilling Program

Hole Size		Casing Program		
Size	Depth To	Size	Weight	Depth
14.75"	1165'	9.625"	36#J-55	1165'
8.75"	8200'	7"	23#, 26#	8200'
4.75"	9,050' MD	OPEN HOLE		

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

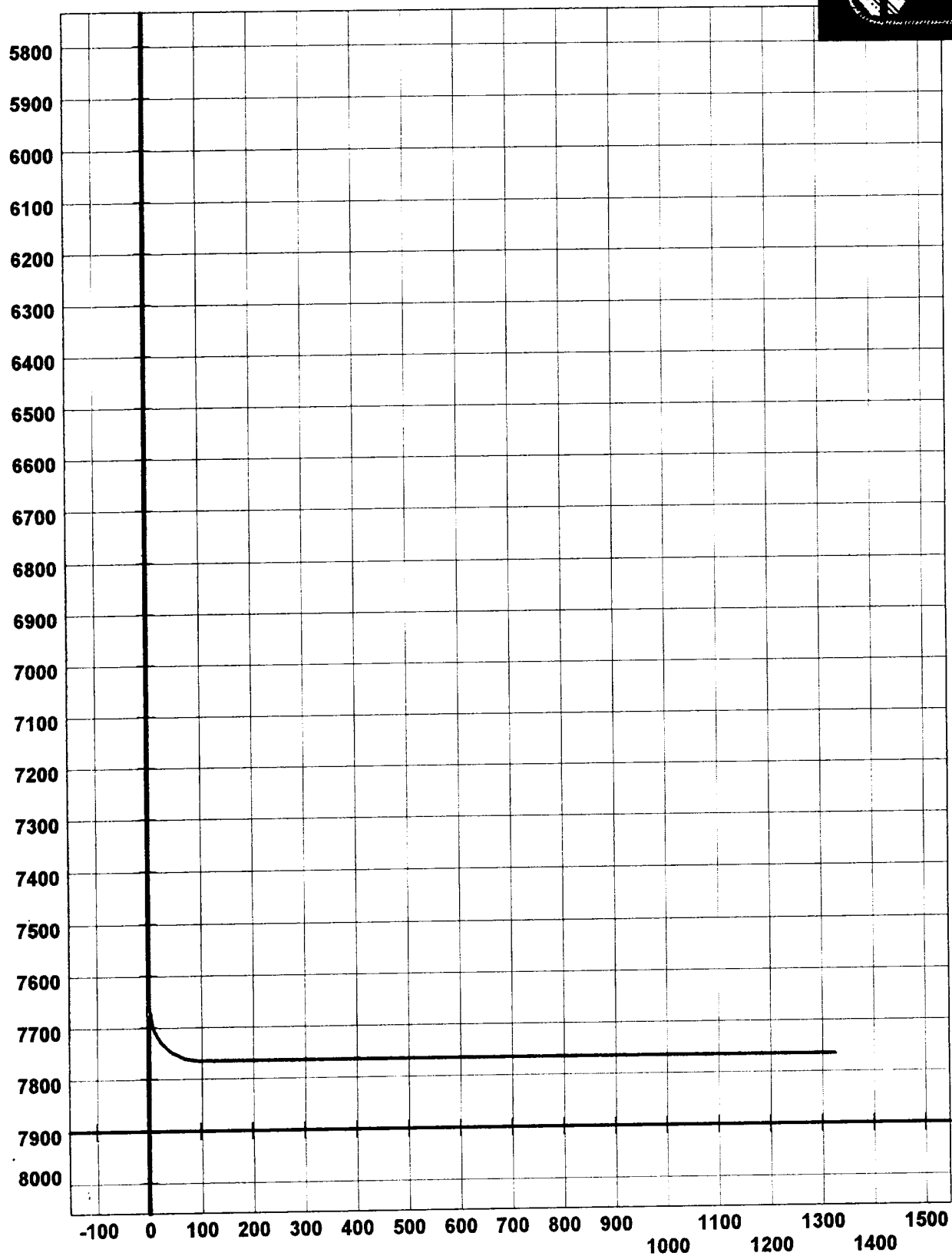
Mud Program

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

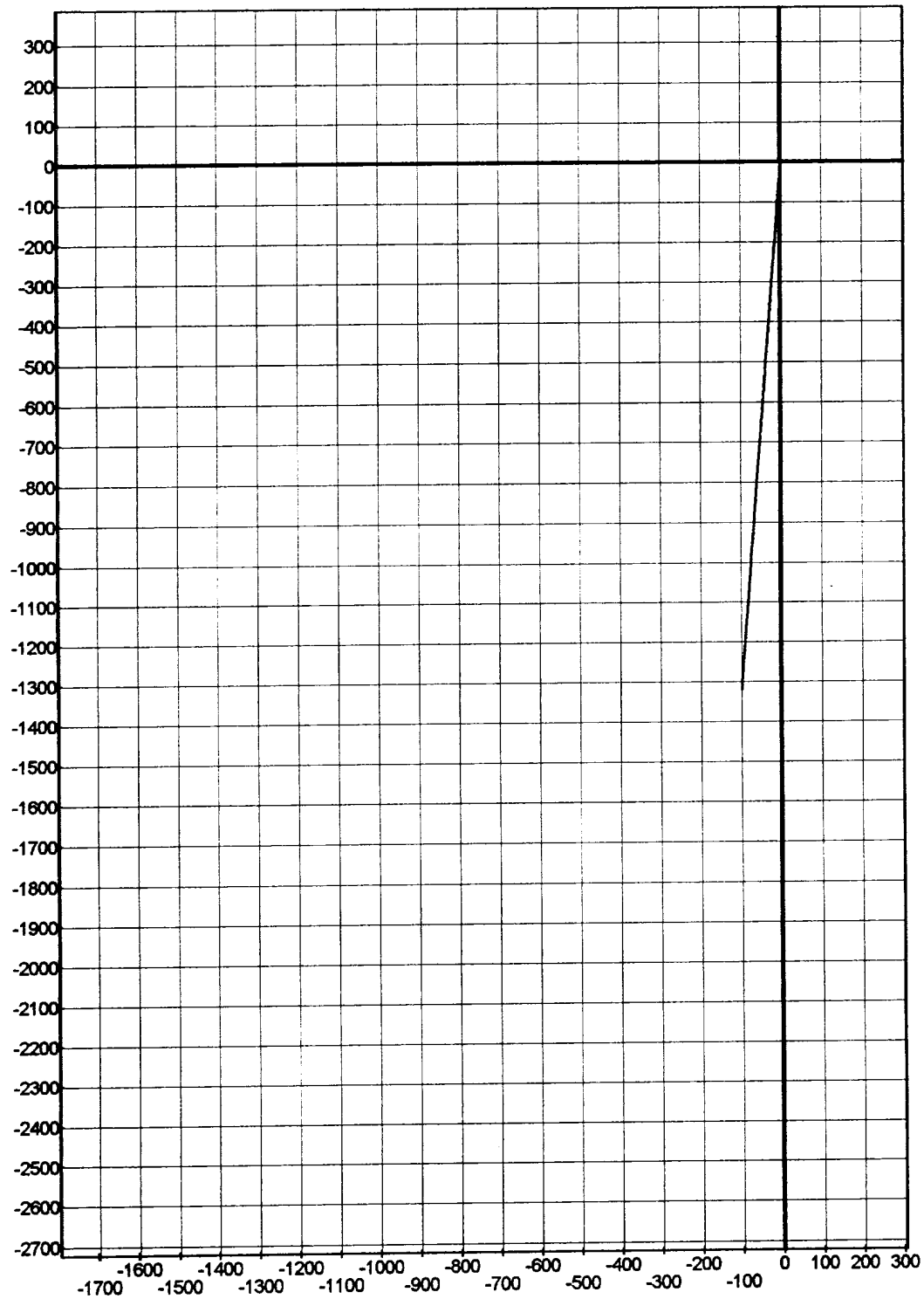
Directions to Location

GO SOUTH OF ARTESIA ON HIGHWAY 285 TO ROCK N R RED ROAD. TURN WEST FOR APPROXIMATELY 6.4 MILES AND TURN SOUTH FOR APPROXIMATELY 1.5 MILES. TURN EAST FOR APPROXIMATELY .5TH OF A MILE TO BINGER #1. GO EAST FROM HERE TO LOCATION.

Company: Yates Petroleum Corporation
Lease/Well: Binger AKU #4-H



Company: Yates Petroleum Corporation
Lease/Well: Binger AKU #4-H



Binger4

Job Number: 1

State/Country: NM/USA

Company: Yates Petroleum Corporation

Lease/Well: Binger AKU #4-H

Location: Sec. 29 T19S-R25E

Rig Name: N/A

RKB:

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

Declination:

Grid:

File name: C:\WINSERVE\BINGER4.SVY

Date/Time: 14-Jun-00 / 10:13

Curve Name:

WINSERVE SURVEY CALCULATIONS

Minimum Curvature Method

Vertical Section Plane 184.33

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

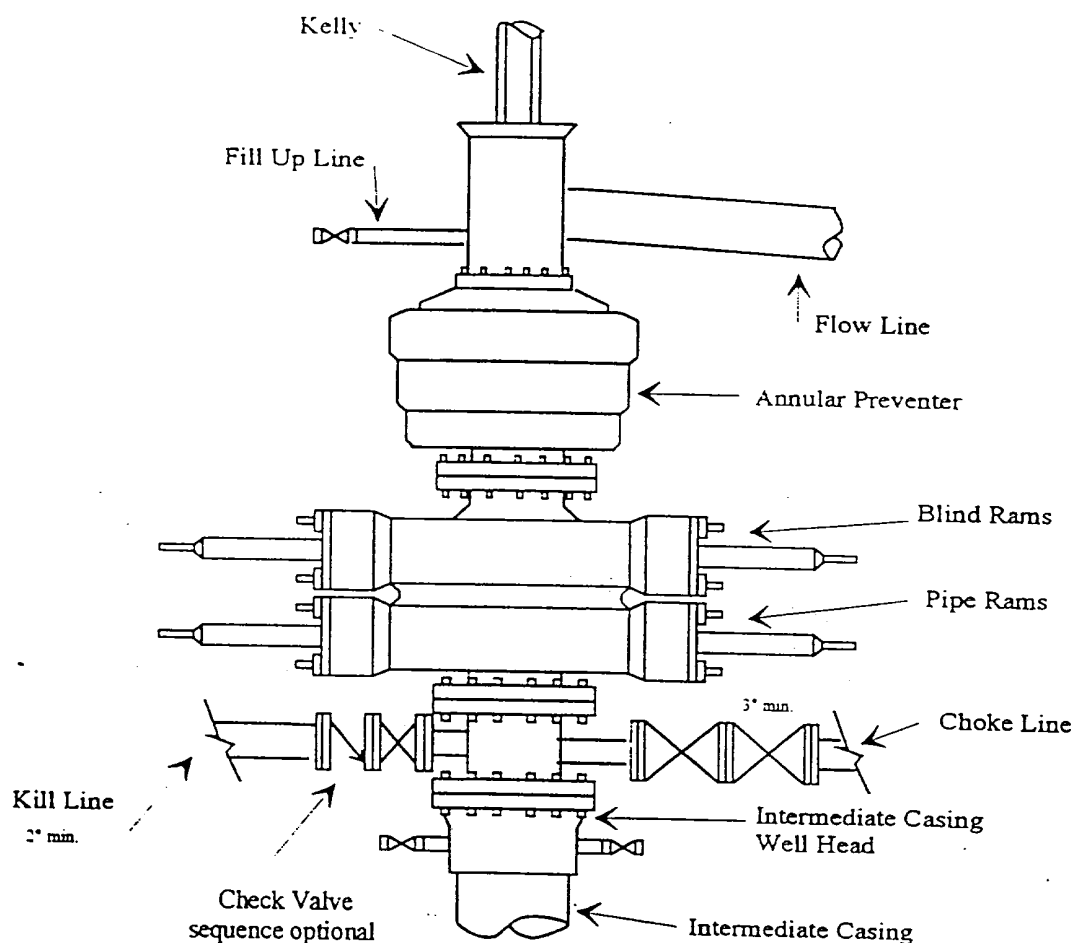
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	CLOSURE Direction Deg	Dogleg Severity Deg/100
7670.00	.00	184.33	7670.00	.00	.00	.00	.00	.00	.00
7700.00	18.09	184.33	7699.50	-4.68	-.35	4.70	4.70	184.33	60.31
7730.00	36.19	184.33	7726.09	-18.27	-1.38	18.33	18.33	184.33	60.31
7760.00	54.28	184.33	7747.13	-39.42	-2.99	39.54	39.54	184.33	60.31
7790.00	72.37	184.33	7760.54	-66.04	-5.00	66.23	66.23	184.33	60.31
7819.23	90.00	184.33	7765.00	-94.73	-7.18	95.00	95.00	184.33	60.31
7919.23	90.00	184.33	7765.00	-194.44	-14.73	195.00	195.00	184.33	.00
8019.23	90.00	184.33	7765.00	-294.16	-22.28	295.00	295.00	184.33	.00
8119.23	90.00	184.33	7765.00	-393.87	-29.84	395.00	395.00	184.33	.00
8219.23	90.00	184.33	7765.00	-493.59	-37.39	495.00	495.00	184.33	.00
8319.23	90.00	184.33	7765.00	-593.30	-44.95	595.00	595.00	184.33	.00
8419.23	90.00	184.33	7765.00	-693.01	-52.50	695.00	695.00	184.33	.00
8519.23	90.00	184.33	7765.00	-792.73	-60.06	795.00	795.00	184.33	.00
8619.23	90.00	184.33	7765.00	-892.44	-67.61	895.00	895.00	184.33	.00
8719.23	90.00	184.33	7765.00	-992.16	-75.16	995.00	995.00	184.33	.00
8819.23	90.00	184.33	7765.00	-1091.87	-82.72	1095.00	1095.00	184.33	.00
8919.23	90.00	184.33	7765.00	-1191.59	-90.27	1195.00	1195.00	184.33	.00
9019.23	90.00	184.33	7765.00	-1291.30	-97.83	1295.00	1295.00	184.33	.00
9048.01	90.00	184.33	7765.00	-1320.00	-100.00	1323.78	1323.78	184.33	.00



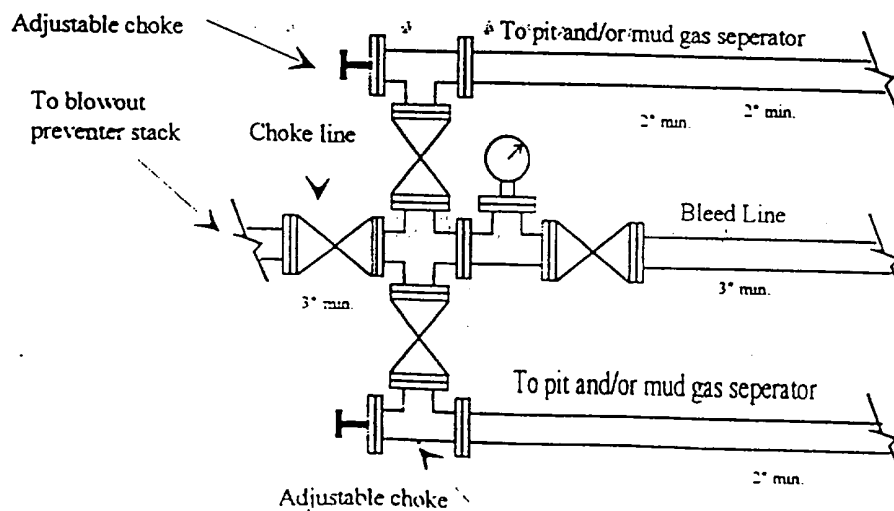
Yates Petroleum Corporation

BOP-3

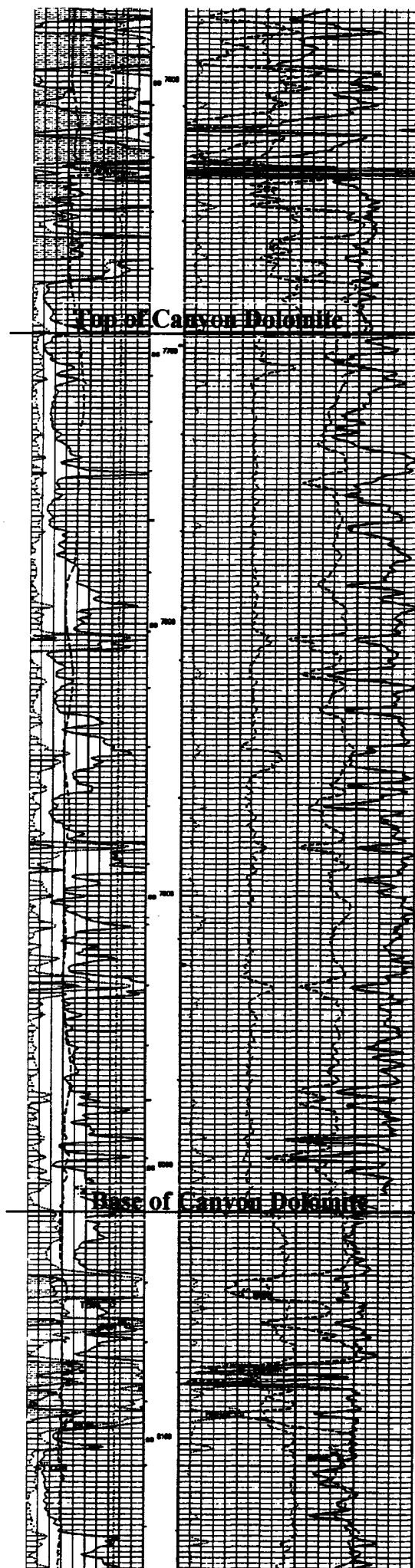
Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



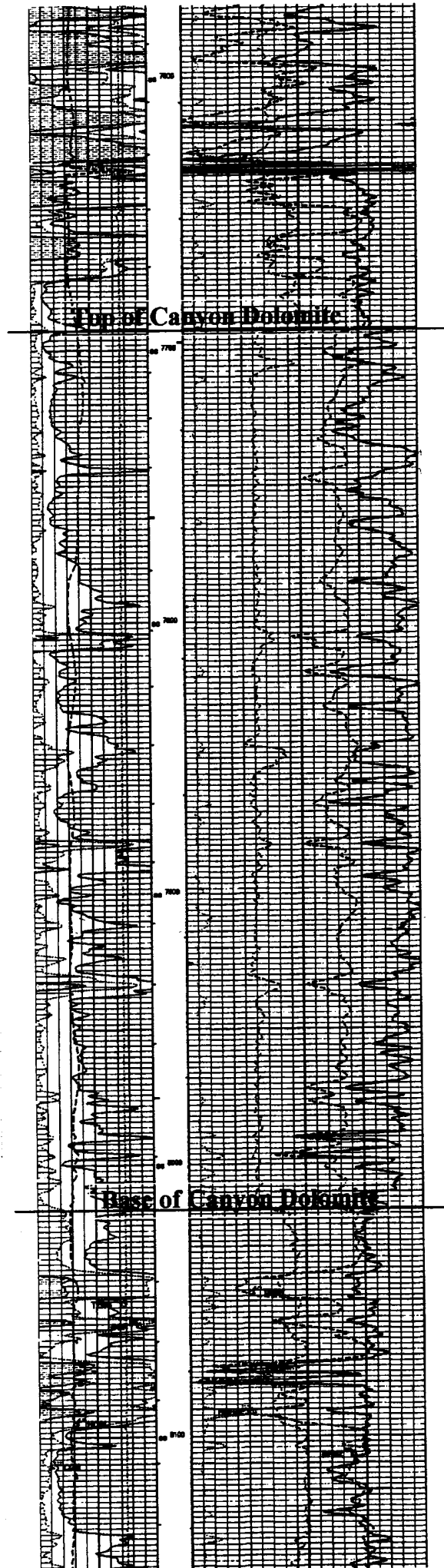
Typical 3,000 psi choke manifold assembly with at least these minimum features



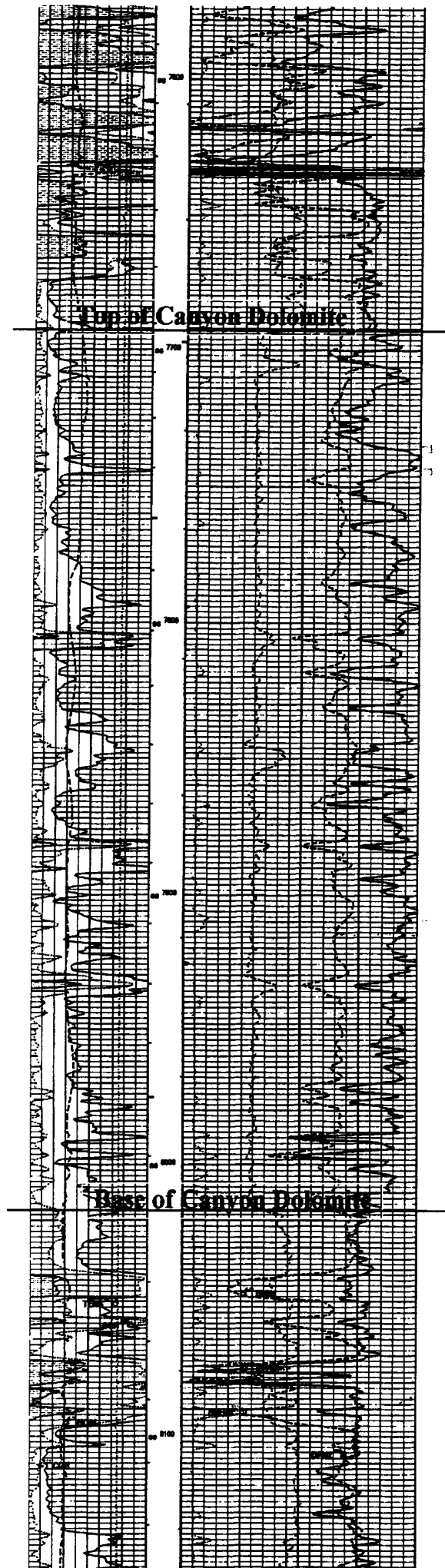
YATES PET
BINGER AKU 4
019.0S 025.0E 029
660' FNL & 660' FEL



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019.0S 025.0E 029
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YATES PET
BINGER AKU 4
019.0S 025.0E 029
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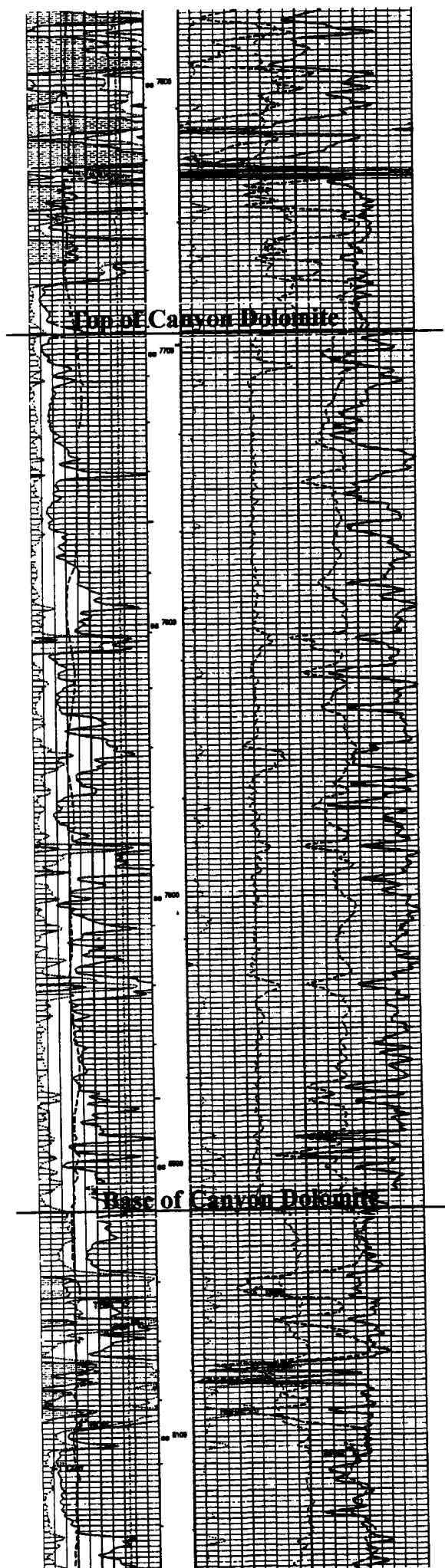


YATES PET

BINGER AKU 4

019.0S 025.0E 029

660' FNL & 660' FEL



YATES PET
BINGER AKU 4
019.0S 025.0E 029
660' FNL & 660' FEL

