

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

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

¹ Operator Name and Address. Yates Petroleum Corporation 105 S. 4th Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30 - 025-20698
⁴ Property Code 25152	⁵ Property Name Comet AUC State	⁶ Well No. 1

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
0	23	11-S	34E		660'	South	1980'	East	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 <i>Wildcat, Morrow</i> Eight Mile Draw: <u>Permo Penn</u>					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary Pulling Unit	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4156
¹⁶ Multiple NO	¹⁷ Proposed Depth 12,461	¹⁸ Formation Morrow	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2	13 3/8"	48 & 54 #	356'	245 sx	In Place
12 1/4	8 5/8"	24 & 32 #	4116'	200 sx	In Place
7 7/8	4 1/2"	11.6 #	TD	500 sx	Circulated

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.

Yates's plan is to re-enter the well with a pulling unit and reverse unit to drill out cement plugs in the 13 5/8" casing down to the top of the 8 5/8" casing at 3000'. After cleaning out inside the 8 5/8" casing the casing will be tied back to the surface and cemented. The cement plugs inside the 8 5/8" casing will be cleaned out to 4116' and plugs in the 7 7/8" open hole will be drilled out to the last plug at 12,461'. Mud to be used is 9.8 ppg brine water, 35-40 vis. After running a new suite of open hole logs, 4 1/2" casing will be run to bottom. The well will be completed with a pulling unit. Possible formation to be completed will be the Atoka Morrow at 11,700'+/-

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: KEN BEARDEMPHL

Title: LANDMAN

Date: 12/15/99

Phone: 505-748-4348

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: DEC 16 1999

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Stating Otherwise

R.D. Enten

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-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-20698	² Pool Code 21480	³ Pool Name Wildcat Morrow Eight Mile Draw - Permo Penn
⁴ Property Code 25152	⁵ Property Name Comet AWC State	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name Yates Petroleum Corporation	⁹ Elevation 4156'

¹⁰ Surface Location

UL or lot no. 0	Section 23	Township 11-S	Range 34E	Lot Idn	Feet from the 660'	North/South line South	Feet from the 1980'	East/West line East	County Lea
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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
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¹¹ Dedicated Acres 320	¹² 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					¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Ken Beardemphl Signature <i>[Signature]</i> Printed Name Landman Title 12/15/99 Date
	VA-1845				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 Surveyer: Refer to ORIGINAL Plat Certificate Number

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

FORM C-128
 Revised 5/1/57

SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

SECTION A

Operator J. M. Huber Corporation			Lease Gulf-State		Well No. 1-A
Unit Letter D	Section 23	Township 11-S	Range 34-E	County Lea	
Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line					
Ground Level Elev.	Producing Formation Devonian		Pool Wildcat		Dedicated Acreage: 80 Acres

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES X NO ____ . ("Owner" means the person who has the right to drill into and to produce from any pool and to appropriate the production either for himself or for himself and another. (65-3-29 (e) NMSA 1935 Comp.)
2. If the answer to question one is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES ____ NO ____ . If answer is "yes," Type of Consolidation _____
3. If the answer to question two is "no," list all the owners and their respective interests below:

Owner	Land Description

SECTION B

CERTIFICATION

I hereby certify that the information in SECTION A above is true and complete to the best of my knowledge and belief.

Ray Vaught

Name <i>Ray Vaught</i>
Position District Superintendent
Company J. M. Huber Corporation
Date July 8, 1964

I hereby certify that the well location shown on the plat in SECTION B 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 knowledge and belief.

Date Surveyed <i>July 13 1964</i>
Registered Professional Engineer and/or Land Surveyor <i>[Signature]</i>
Certificate No. 60

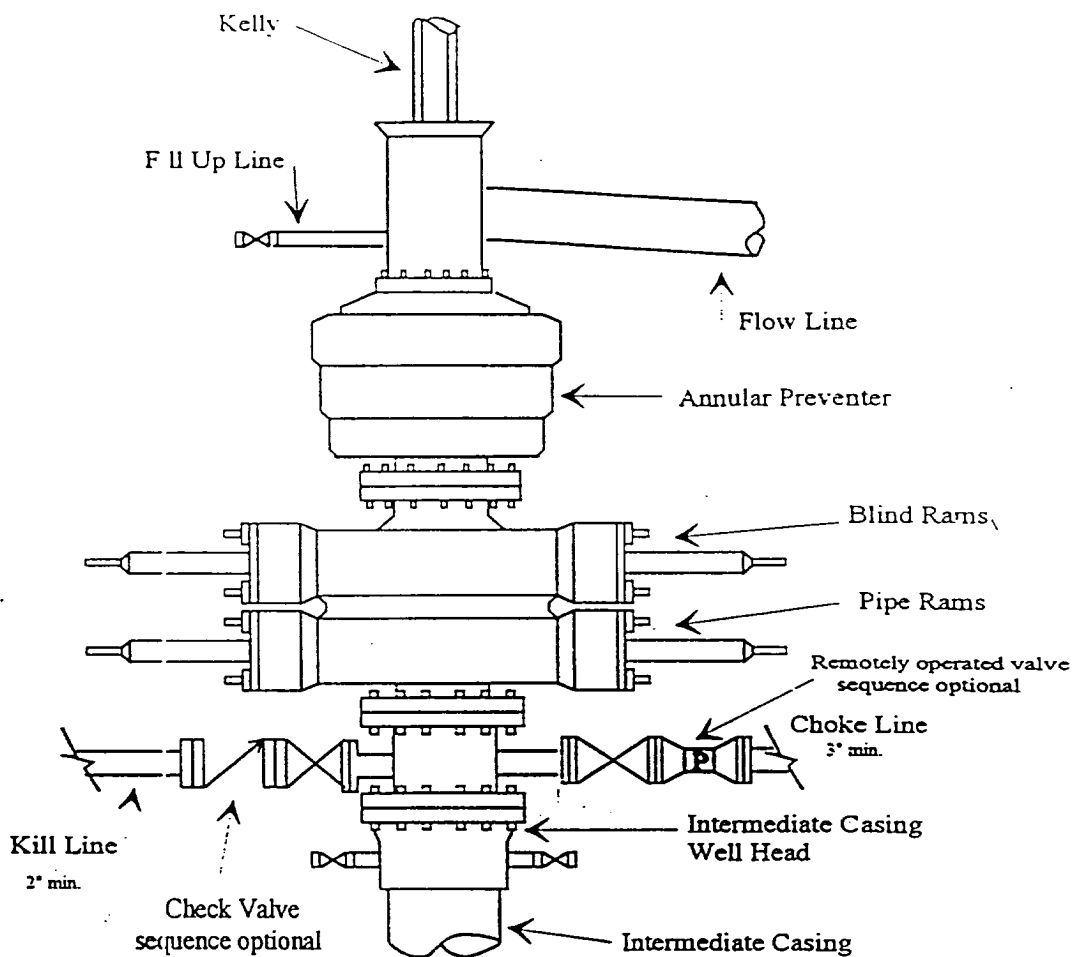
0 130 260 390 520 650 780 910 1040 1170 1300 1430 1560 1690 1820 1950 2080 2210 2340 2470 2600 2730 2860 2990 3120 3250 3380 3510 3640 3770 3900 4030 4160 4290 4420 4550 4680 4810 4940 5070 5200 5330 5460 5590 5720 5850 5980 6110 6240 6370 6500 6630 6760 6890 7020 7150 7280 7410 7540 7670 7800 7930 8060 8190 8320 8450 8580 8710 8840 8970 9100 9230 9360 9490 9620 9750 9880 10010 10140 10270 10400 10530 10660 10790 10920 11050 11180 11310 11440 11570 11700 11830 11960 12090 12220 12350 12480 12610 12740 12870 13000 13130 13260 13390 13520 13650 13780 13910 14040 14170 14300 14430 14560 14690 14820 14950 15080 15210 15340 15470 15600 15730 15860 15990 16120 16250 16380 16510 16640 16770 16900 17030 17160 17290 17420 17550 17680 17810 17940 18070 18200 18330 18460 18590 18720 18850 18980 19110 19240 19370 19500 19630 19760 19890 20020 20150 20280 20410 20540 20670 20800 20930 21060 21190 21320 21450 21580 21710 21840 21970 22100 22230 22360 22490 22620 22750 22880 23010 23140 23270 23400 23530 23660 23790 23920 24050 24180 24310 24440 24570 24700 24830 24960 25090 25220 25350 25480 25610 25740 25870 26000 26130 26260 26390 26520 26650 26780 26910 27040 27170 27300 27430 27560 27690 27820 27950 28080 28210 28340 28470 28600 28730 28860 28990 29120 29250 29380 29510 29640 29770 29900 30030 30160 30290 30420 30550 30680 30810 30940 31070 31200 31330 31460 31590 31720 31850 31980 32110 32240 32370 32500 32630 32760 32890 33020 33150 33280 33410 33540 33670 33800 33930 34060 34190 34320 34450 34580 34710 34840 34970 35100 35230 35360 35490 35620 35750 35880 36010 36140 36270 36400 36530 36660 36790 36920 37050 37180 37310 37440 37570 37700 37830 37960 38090 38220 38350 38480 38610 38740 38870 39000 39130 39260 39390 39520 39650 39780 39910 40040 40170 40300 40430 40560 40690 40820 40950 41080 41210 41340 41470 41600 41730 41860 41990 42120 42250 42380 42510 42640 42770 42900 43030 43160 43290 43420 43550 43680 43810 43940 44070 44200 44330 44460 44590 44720 44850 44980 45110 45240 45370 45500 45630 45760 45890 46020 46150 46280 46410 46540 46670 46800 46930 47060 47190 47320 47450 47580 47710 47840 47970 48100 48230 48360 48490 48620 48750 48880 49010 49140 49270 49400 49530 49660 49790 49920 50050 50180 50310 50440 50570 50700 50830 50960 51090 51220 51350 51480 51610 51740 51870 52000 52130 52260 52390 52520 52650 52780 52910 53040 53170 53300 53430 53560 53690 53820 53950 54080 54210 54340 54470 54600 54730 54860 54990 55120 55250 55380 55510 55640 55770 55900 56030 56160 56290 56420 56550 56680 56810 56940 57070 57200 57330 57460 57590 57720 57850 57980 58110 58240 58370 58500 58630 58760 58890 59020 59150 59280 59410 59540 59670 59800 59930 60060 60190 60320 60450 60580 60710 60840 60970 61100 61230 61360 61490 61620 61750 61880 62010 62140 62270 62400 62530 62660 62790 62920 63050 63180 63310 63440 63570 63700 63830 63960 64090 64220 64350 64480 64610 64740 64870 65000 65130 65260 65390 65520 65650 65780 65910 66040 66170 66300 66430 66560 66690 66820 66950 67080 67210 67340 67470 67600 67730 67860 67990 68120 68250 68380 68510 68640 68770 68900 69030 69160 69290 69420 69550 69680 69810 69940 70070 70200 70330 70460 70590 70720 70850 70980 71110 71240 71370 71500 71630 71760 71890 72020 72150 72280 72410 72540 72670 72800 72930 73060 73190 73320 73450 73580 73710 73840 73970 74100 74230 74360 74490 74620 74750 74880 75010 75140 75270 75400 75530 75660 75790 75920 76050 76180 76310 76440 76570 76700 76830 76960 77090 77220 77350 77480 77610 77740 77870 78000 78130 78260 78390 78520 78650 78780 78910 79040 79170 79300 79430 79560 79690 79820 79950 80080 80210 80340 80470 80600 80730 80860 80990 81120 81250 81380 81510 81640 81770 81900 82030 82160 82290 82420 82550 82680 82810 82940 83070 83200 83330 83460 83590 83720 83850 83980 84110 84240 84370 84500 84630 84760 84890 85020 85150 85280 85410 85540 85670 85800 85930 86060 86190 86320 86450 86580 86710 86840 86970 87100 87230 87360 87490 87620 87750 87880 88010 88140 88270 88400 88530 88660 88790 88920 89050 89180 89310 89440 89570 89700 89830 89960 90090 90220 90350 90480 90610 90740 90870 91000 91130 91260 91390 91520 91650 91780 91910 92040 92170 92300 92430 92560 92690 92820 92950 93080 93210 93340 93470 93600 93730 93860 93990 94120 94250 94380 94510 94640 94770 94900 95030 95160 95290 95420 95550 95680 95810 95940 96070 96200 96330 96460 96590 96720 96850 96980 97110 97240 97370 97500 97630 97760 97890 98020 98150 98280 98410 98540 98670 98800 98930 99060 99190 99320 99450 99580 99710 99840 100000



Yates Petroleum Corporation

BOP-4

Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 5,000 psi choke manifold assembly with at least these minimum features

