

106747351

DHC
Southern U.S. Business Unit
Domestic Production

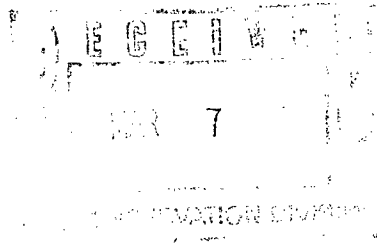
3/27/01

**Marathon
Oil Company**

March 3, 2001

P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

Mr. David Catanach
Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, N.M. 87504



Re: Request for Exception to Rule 303-A
Downhole Commingling
Ohio "C" Government # 4
1550' FSL & 1450' FEL
Unit Letter "J", Sec. 26, T-28-N, R-11-W
Kutz Canyon Field
San Juan Co. N.M.

Dear Mr. Catanach,

Marathon Oil Company requests administrative approval for an exception to Rule 303-A to permit the down hole commingling of production in the above subject well. Marathon also request a 30 day exception to Rule 303-A to permit the down hole commingling of production while awaiting for approval of this application.

This well was originally proposed for dual completion gas production from the Fulcher Pictured Cliffs and the Kutz Farmington Sand. The Pictured Cliffs was perforated 1548' to 1564', (50 Jets). This Zone was sand fractured in Nov. 1976 This zone is presently producing under a production packer set @ 1531'. The Farmington Sand is isolated on the backside. Plans are to pull the production packer and produce both the Pictured Cliffs and the Farmington sand up the tubing string. Both zones have been producing through 1 gas meter @ the surface. All working and royalty interest are identical in both zones. With the Farmington Sand perfs shut-in and the Pictured Cliff zone open we have estimated the rate of gas flow to be approximately 70% of the total sales through the sales meter.

Rod pumping equipment will be utilized to keep the PBHP as low as possible. Producing the well in this manner will allow complete development of the productive capacity of the well, prevent cross flow and extend the economic life of both completions, thereby preventing waste.

Enclosed is pertinent data to support this application as outlined in Rule 303-A. If additional information is necessary, please contact me at 915/687-8357.

Regards,

A handwritten signature of Jerry Fletcher in cursive script.

Jerry Fletcher
Engineering Technician

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

NM 020501

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.

Ohio "C"

Government #4

9. API Well No.

30-045-22188

10. Field and Pool, or Exploratory Area

**Fulcher Kutz Pictured Cliffs
Kutz Farmington Sand**

11. County or Parish, State

San Juan NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Marathon Oil Company

3a. Address

P.O. Box 552 Midland, TX 79702

3b. Phone No. (include area code)

915-687-8357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Sec. 26, T-28-N, R-11-W
1550' FSL & 1450' FEL UL "J"
San Juan Co. NM**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Deepen

☐ Production (Start/Resume)

☐ Water Shut-Off

☐ Alter Casing

☐ Fracture Treat

☐ Reclamation

☐ Well Integrity

☐ Casing Repair

☐ New Construction

☐ Recomplete

☒ Other **Downhole**

☐ Change Plans

☐ Plug and Abandon

☐ Temporarily Abandon

Commingled

☐ Convert to Injection

☐ Plug Back

☐ Water Disposal

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Marathon Oil Company is proposing to commingle the Kutz Farmington Sand with the Fulcher Kutz Pictured Cliffs.

We are proposing to pull the packer that has isolated the Farmington Sand formation and RIH with T.A.C. Run in with pump and rods. Set pumping unit. Pump both zones up the tubing.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jerry Fletcher

Title

Engineer Technician

Date **3/2/01**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Workover Procedure

Ohio "C" Government #4

1450' FSL & 1450' FEL, Section 26, T28N, R11W, Unit Letter "J"
San Juan County, New Mexico

Date: February 23, 2001

Purpose: Commingle the Farmington Sand and Pictured Cliffs – Add a Pumping Unit

GWI: 100% **NRI:** 87.5% **Est. Days:** 2

AFE No.: 590201 **AFE Amount:** \$30,000

Elevations: KB: 5615' GL: 5603'

TD: 1705' **PBTD:** 1652'

Surface Csg: 8 5/8", 24#, J-55 @ 229'. Cmt'd w/ 265 sks 'B' w/ 2% CaCl2 (Circ 60 sks).

Production Csg: 4-1/2", 10.5#, J-55 @ 1654' cmt'd w/ 350 sks (Circ'd)

Tubing: 2-3/8", 4.6#, J-55 tbg set @ 1531'. Baker Model "D" pkr @ 1530'.
(1 jt. W/ donut, 10', 3', 2', 1' subs, 47 jts, Model 1' non-ported SN 1.81" ID, 3 seal assembly – no latch – 1" bore – 1.968" OD, Production Tube – .16" OD – .13" ID).

Current Res. Pictured Cliffs / Farmington Sand **Current Pres.** = < 60 psi (estimated)

Current Prod. 25 MCFPD

Anticipated Prod. 110 MCFPD

Comments: Brian Teller, Production Engineer – 326-2783 Office, 324-2434 Home
Ken Holt, Production Supervisor – 326-2783 Office, 324-2448 Pager

	Nom. Size	Grade	Conn	Wt	ID, in	Drift, in	Burst, psi	Tension, lbs	Cap, bbl/ft
Tubing	2 3/8"	J-55	Non-upset	4.6 #	1.995	1.901	7,700	71,730 #	.00387
Casing	4 1/4"	J-55		10.5 #	4.052	3.927	4,380		.0167

PROCEDURE

1. Notify Farmington Production personnel of impending WO.
2. Inspect location, set and test safety anchors to 22,500#.
3. Kill well as necessary.
4. Remove Christmas tree, install dual hydraulic BOP and pressure test to 1000 psi.
5. Release Baker "D" pkr, TOH w/ tbg subs, 47 jts. 2-3/8", 4.6#, 8 rd, EUE, J-55 tbg, Baker "D" pkr @ 1530', SN @ 1531', and production tube?.
6. TIH w/ bull plug, mud jt., 4' perf'd sub, SN (1.780" ID), and 2 3/8" tbg. Tag PBTD. Report PBTD to Farmington office. (May want to circ fill out of well.) Set SN @ 1600'.
7. ND BOP, NU well head w/ pumping T.
8. TIH w/ 2" x 1 1/4" x 8' x 11' insert pump w/ 3' plunger w/ wiper stop and bottom, 63 1/4" rods and 1/4" pony rods.
9. Space out pump, hung well on. Call pumper to start unit.
10. RD WO Rig. Return well to Production.

RBT

APPROVAL:

Pat Hedderman

Ken Holt

xc:

Scott Landon
Midland, Farmington, and Hobbs Files

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-045-22188	² Pool Code 79600	³ Pool Name Kutz Farmington Sand
⁴ Property Code	⁵ Property Name Ohio "C" Government	
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	
		⁶ Well Number 4
		⁹ Elevation 5603' GL

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
J	26	28-N	11-W		1550	South	1450	East	San Juan

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 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

<div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>	<p>¹⁷ OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="border-top: 1px solid black; margin-top: 20px;"> <p style="text-align: center;"><i>Jerry Fletcher</i></p> <p style="text-align: center;">Signature</p> <p style="text-align: center;">Jerry Fletcher</p> <p style="text-align: center;">Printed Name</p> <p style="text-align: center;">Engineer Technician</p> <p style="text-align: center;">Title</p> <p style="text-align: center;">3/2/01</p> <p style="text-align: center;">Date</p> </div> <hr/> <p>¹⁸ SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <div style="border-top: 1px solid black; margin-top: 20px;"> <p style="text-align: center;">Date of Survey</p> <p style="text-align: center;">Signature and Seal of Professional Surveyer:</p> </div> <hr/> <p style="text-align: center;">Certificate Number</p>
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District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 S. 1st Street, Artesia, NM 88210-2834
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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-102
Revised October 18, 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 30-045-22188	² Pool Code 77200	³ Pool Name Fulcher Kutz Pictured Cliffs
⁴ Property Code	⁵ Property Name Ohio "C" Government	⁶ Well Number # 4
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁹ Elevation 5603' G.L.

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
"J"	26	28N	11-W		1550'	South	1450'	East	San Juan

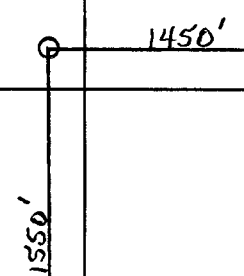
¹¹ Bottom Hole Location If Different From Surface

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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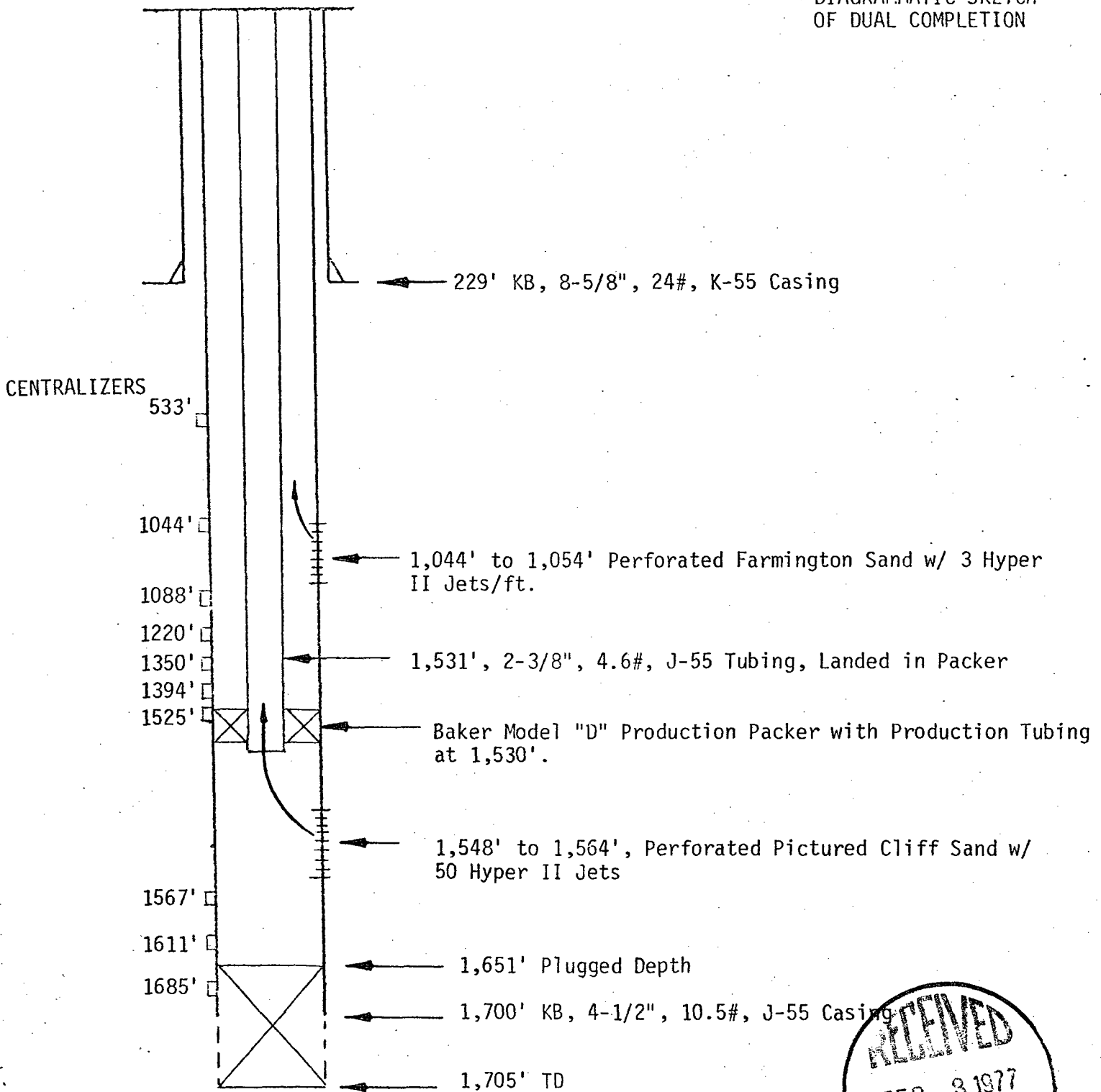
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON--STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

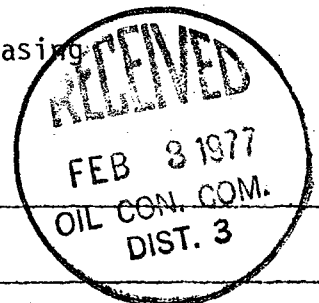
				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  _____ Signature Jerry Fletcher _____ Printed Name Engineer Tech. _____ Title 2/28/01 _____ Date
				¹⁸ SURVEYOR CERTIFICATION <i>I hereby certify that 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.</i> N/A _____ Date of Survey Signature and Seal of Professional Surveyer: _____ Certificate Number



OHIO "C" GOVERNMENT #4-~~25~~
SEC. 26, T28N, R11W
SAN JUAN COUNTY, NEW MEXICO
5,603' GL, 5,615' KB
DIAGRAMMATIC SKETCH
OF DUAL COMPLETION



MARATHON OIL CO.



DATE 12-3-76

SCALE None

DRAWN BY W. E. West

District I
1625 N. French Drive, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

District II
811 South First Street, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE
☒ Single Well
☐ Establish Pre-Approved Pools
EXISTING WELLBORE
☒ Yes ☐ No

APPLICATION FOR DOWNHOLE COMMINGLIN

Marathon Oil Company
Operator
P.O. Box 552 Midland, Texas 79702
Address

Ohio "C" Government # 4 U.L. J. Sec. 26, T-28-N, R-11-W
Lease Well No. Unit Letter-Section-Township-Range San Juan County

OGRID No. 14021 Property Code API No. 30-045-22188 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Kutz Farmington Sand <i>Und.</i>		Fulcher Kutz Pictured Cliffs
Pool Code	79600		77200
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	1044' to 1054'		1548' to 1564'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	N/A		N/A
Oil Gravity or Gas BTU (Degree API or Gas BTU)	N/A		N/A
Producing, Shut-In or New Zone	Shut In		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates:	Date: Rates:	Date: 11/30/00 Rates: 36 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas 0 % 30 %	Oil Gas % %	Oil Gas 0 % 70 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐

Will commingling decrease the value of production? Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

- Attachments:
- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
 - Production curve for each zone for at least one year. (If not available, attach explanation.)
 - For zones with no production history, estimated production rates and supporting data.
 - Data to support allocation method or formula.
 - Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
 - Any additional statements, data or documents required to support commingling.

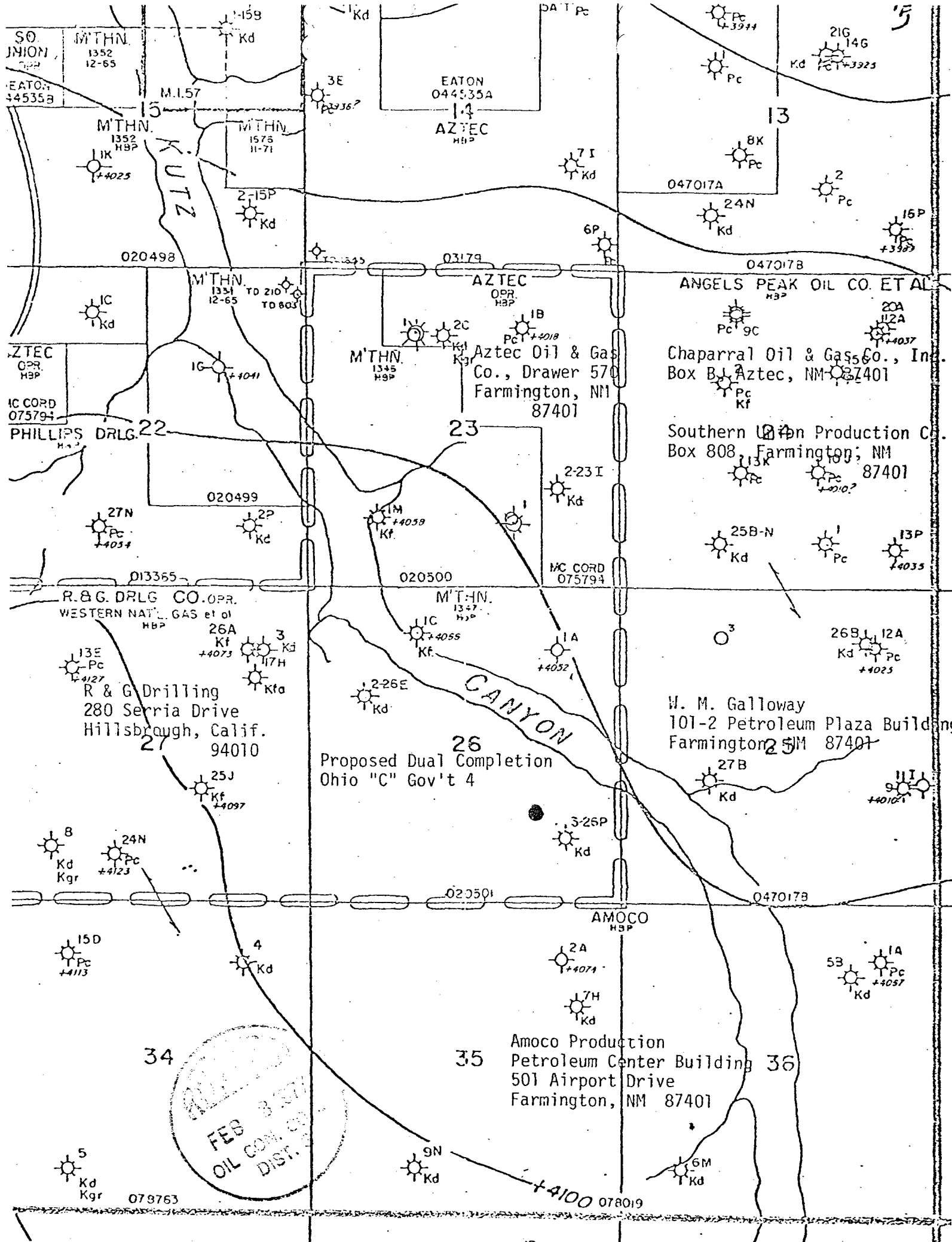
PRE-APPROVED POOLS

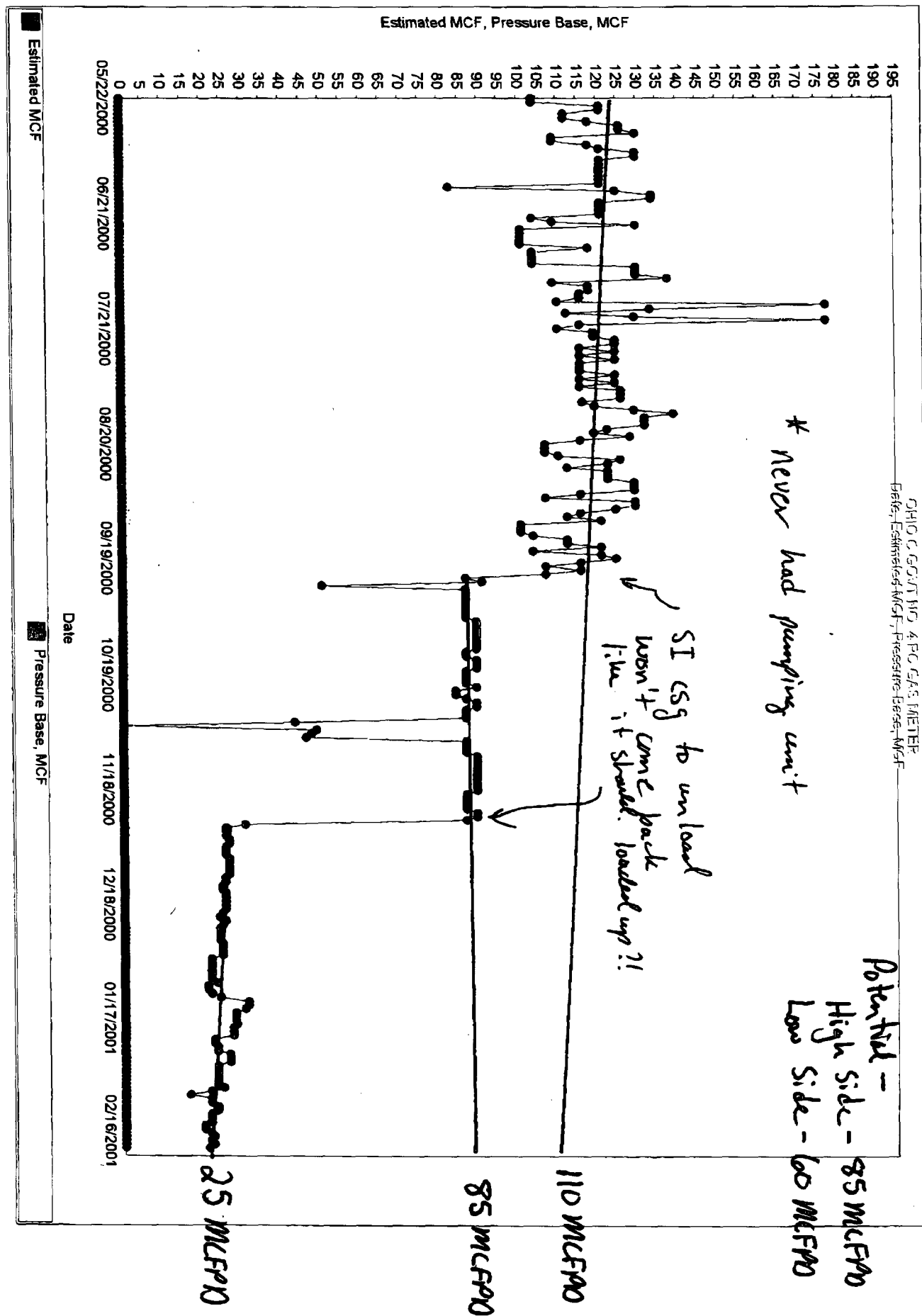
If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

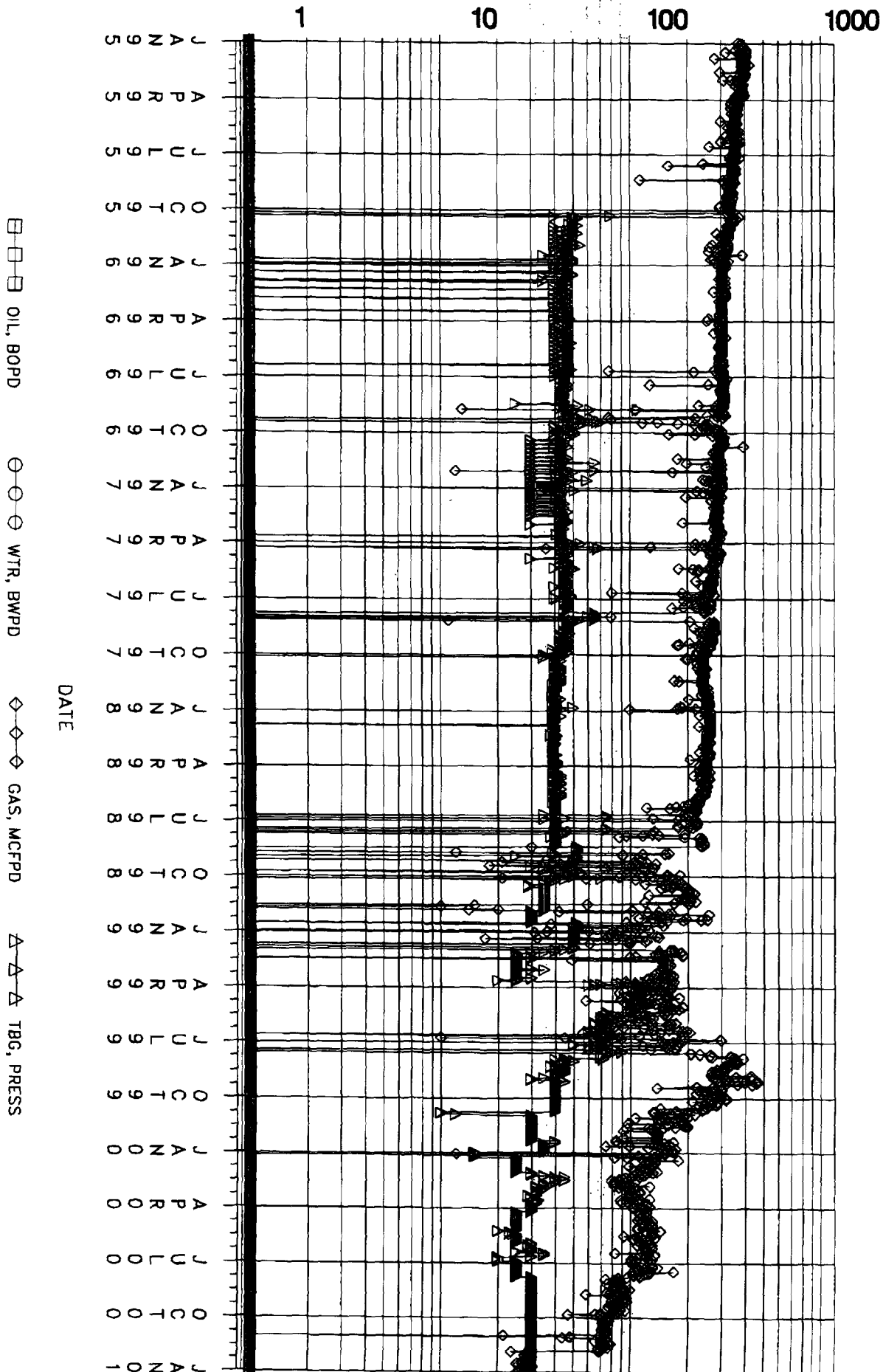
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Jerry Fletcher* TITLE Engineer Tech. DATE 3/3/01
TYPE OR PRINT NAME Jerry Fletcher TELEPHONE NO. (915) 687-8357





PRODUCTION BY CALENDAR DAY



Midland Operations

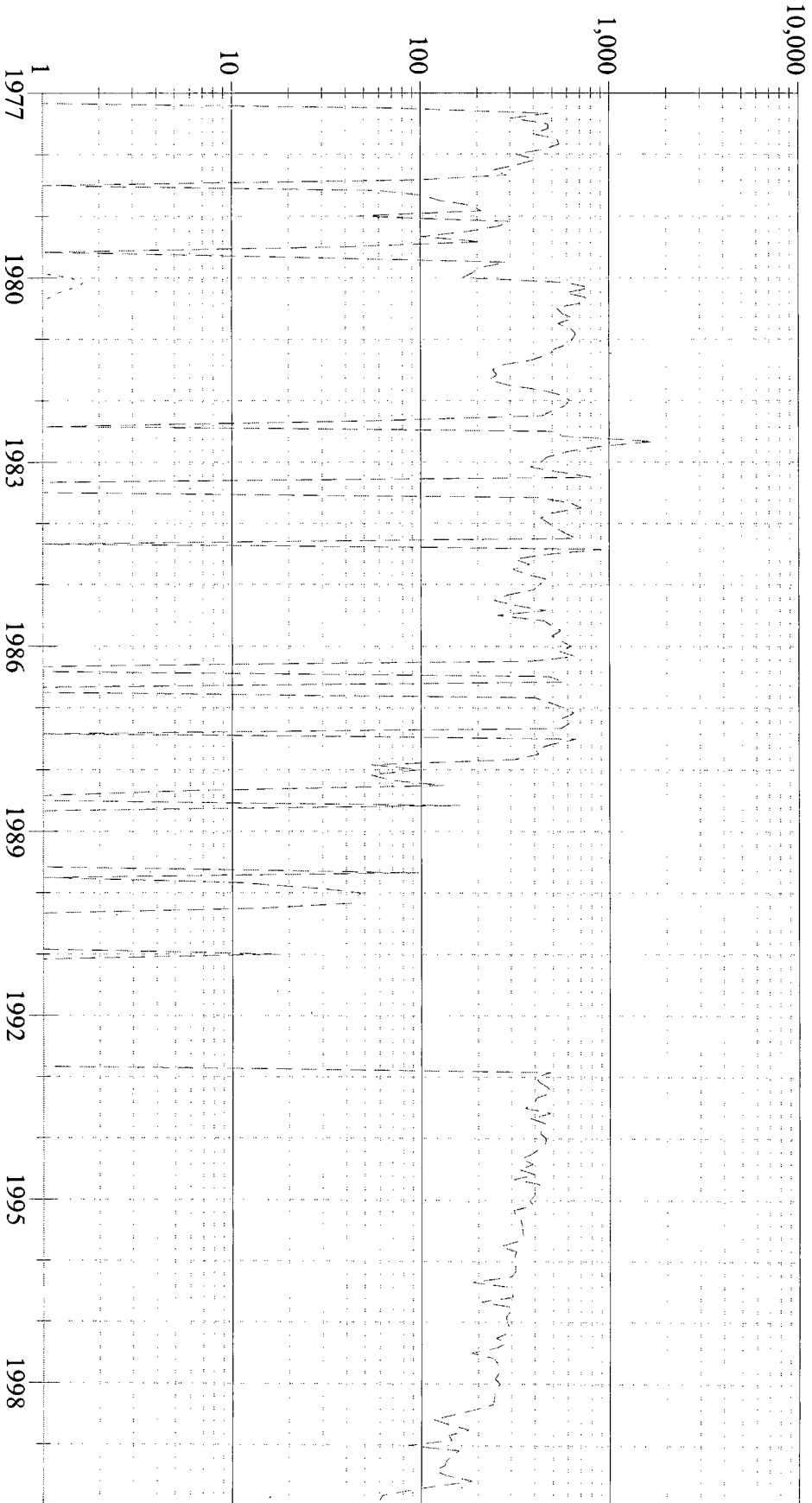
Handheld Well Production Data

OHIO C GOVT 4 PC

BBI/Day or Mcf/Day

Oil
Gas
Water
Wells

Field: FULCHER KUTZ
Lease: OHIO C GOVT | Well #4
Operator: MARATHON OIL COMPANY
Production Rate vs Time
For the Period 01/1977 to 12/1999 | API: 30045221880000



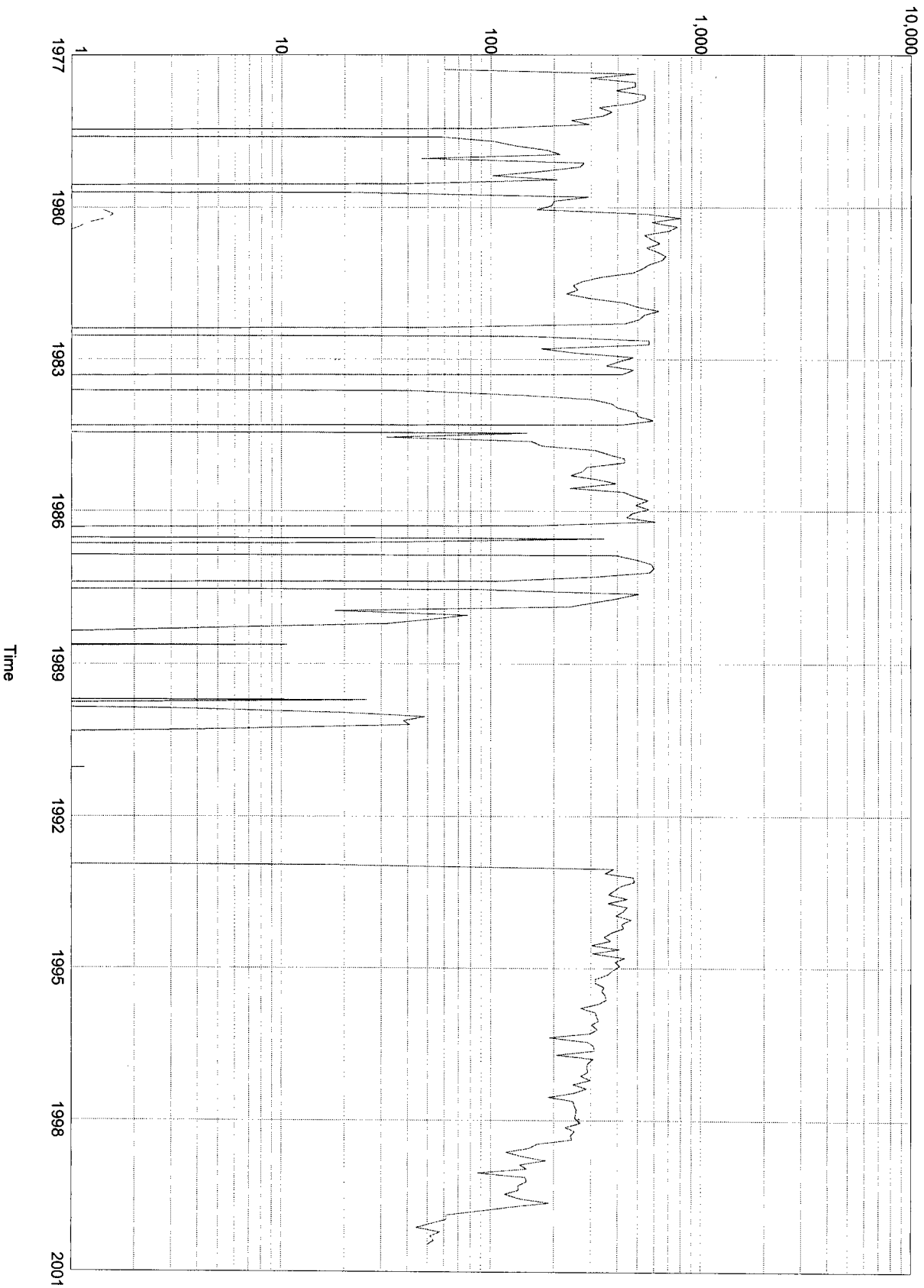
Reported Oil Production = 0 Bbls
Reported Gas Production = 2,019,749 Mcf
Reported Water Production = 1,311 Bbls

Time

Lease Name: OHIO C GOVT
County, State: SAN JUAN, NM
Operator: MARATHON OIL COMPANY
Field: FULCHER KUTZ
Reservoir: PICTURED CLIFFS
Location: 26 28N 11W SE NW SE

OHIO C GOVT - 4

Production Rates

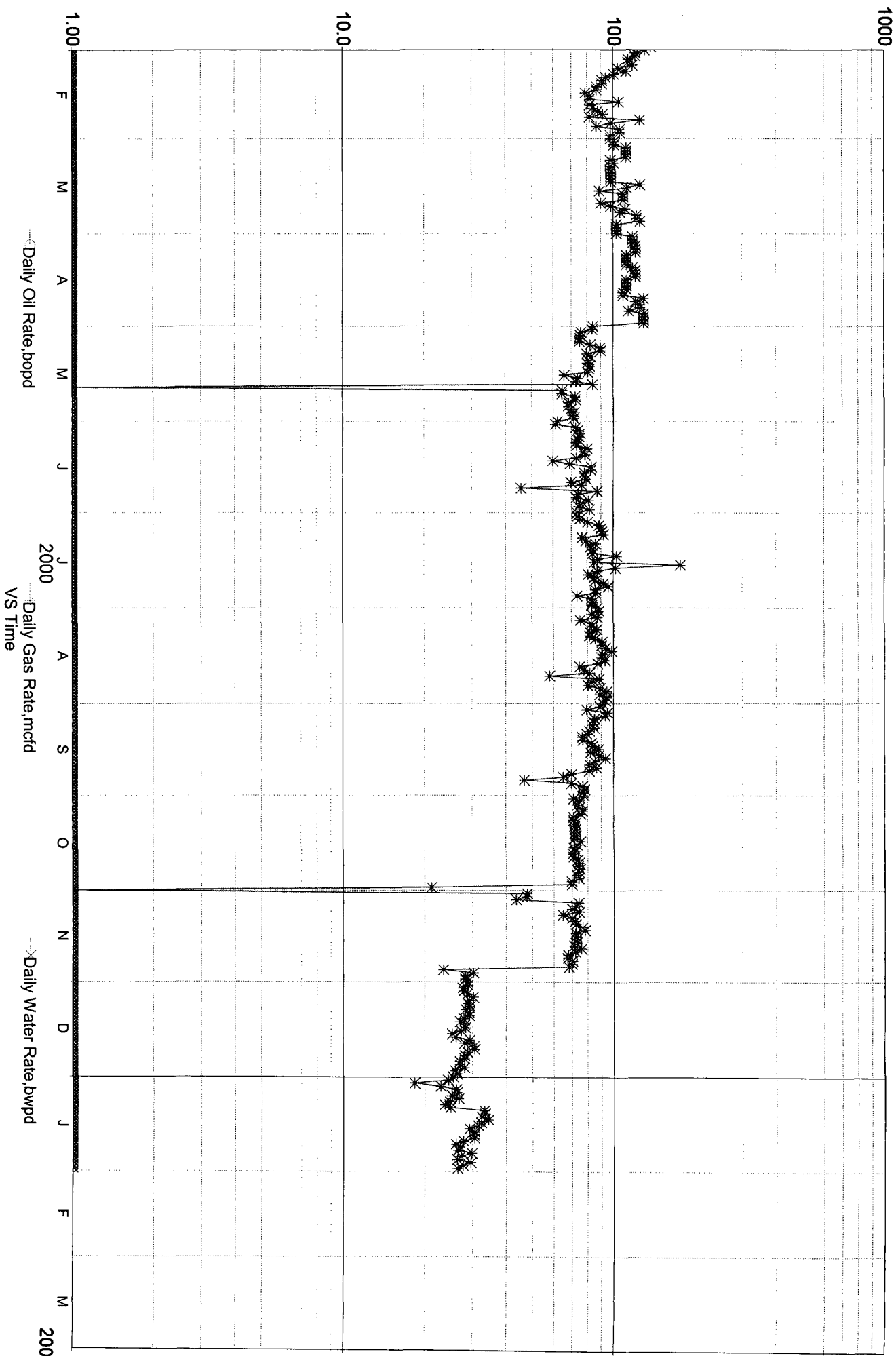


MARATHON OIL COMPANY
3/2/2001

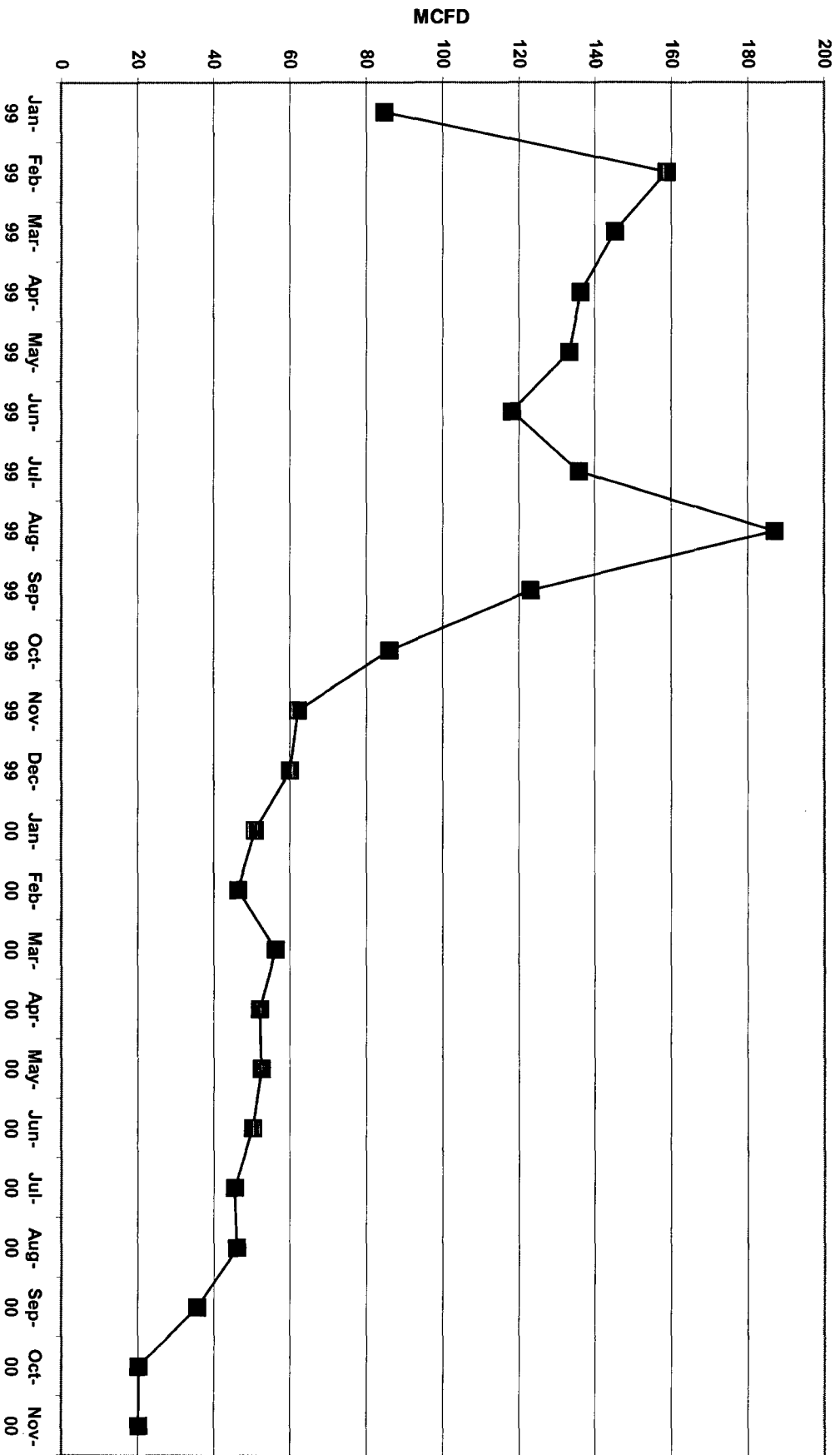
Well Name: OHIO C GOVT 4 PC
Reservoir: FULCHER KUTZ P.C.
API No: 30045221880000

Lease: OHIO C GOVT SEC 26 PC (26H-28N-11W)
County: SAN JUAN
Status: P

Field: KUTZ CANYON
State: NEW MEXICO
Well Type: PG



Ohio "C" Government #4



Well: OHIO C GOVT No.: 004
 Operator: MARATHON OIL CO
 Township: 28N Range: 11W Section: 26 Unit: J Type: F
 County: San Juan
 API: 3004522188
 Accumulated Oil: 0(BBLS) Gas: 2034262(MCF) Water: 1327(BBLS) Days Produced: 5671

Year: 1977

Pool Name: FULCHER KUTZ PICTURED CLIFFS (GAS)						
Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ Accum.	Oil Accum. Gas(MCF)
January	0	0	0	0	0	0
February	0	0	0	0	0	0
March	0	0	0	0	0	0
April	0	1838	0	24	0	1838
May	0	14882	0	24	0	16720
June	0	9070	0	30	0	25790
July	0	14751	0	31	0	40541
August	0	14853	0	31	0	55394
September	0	11901	0	30	0	67295
October	0	16459	0	31	0	83754
November	0	16421	0	30	0	100175
December	0	14194	0	31	0	114369

Year: 1978

Oil(BBLS) Gas(MCF) Water(BBL) Days Produ Accum. Oil Accum. Gas(MCF)						
Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ Accum.	Oil Accum. Gas(MCF)
January	0	9965	0	31	0	124334
February	0	11473	0	28	0	135807
March	0	10321	0	31	0	146128
April	0	7363	0	23	0	153491
May	0	8930	0	25	0	162421
June	0	2849	0	8	0	165270
July	0	0	0	0	0	165270
August	0	1814	0	19	0	167084
September	0	3162	0	20	0	170246
October	0	3935	0	12	0	174181
November	0	5638	0	30	0	179819
December	0	6541	0	31	0	186360

Year: 1979

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	1417	0	23	23	0	187777		
February	0	8436	0	25	25	0	196213		
March	0	8082	0	31	31	0	204295		
April	0	5306	0	23	23	0	209601		
May	0	3100	0	26	26	0	212701		
June	0	6290	0	29	29	0	218991		
July	0	1189	0	9	9	0	220180		
August	0	0	0	0	0	0	220180		
September	0	650	0	4	4	0	220830		
October	0	8918	0	27	27	0	229748		
November	0	6091	0	28	28	0	235839		
December	0	5917	0	31	31	0	241756		

Year:1980

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	5043	43	30	30	0	246799		
February	0	17114	48	29	29	0	263913		
March	0	24367	45	31	31	0	288280		
April	0	17748	36	30	30	0	306028		
May	0	23453	33	31	31	0	329481		
June	0	21482	29	30	30	0	350963		
July	0	16374	30	31	31	0	367337		
August	0	17578	24	31	31	0	384915		
September	0	19423	18	30	30	0	404338		
October	0	16674	18	31	31	0	421012		
November	0	18759	18	30	30	0	439771		
December	0	20656	16	31	31	0	460427		

Year:1981

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	19923	16	31	31	0	480350		
February	0	17186	15	28	28	0	497536		
March	0	16005	16	31	31	0	513541		
April	0	14507	15	0	0	0	528048		
May	0	10199	14	26	26	0	538247		
June	0	8288	16	30	30	0	546535		

July	0	7499	15	31	0	554034
August	0	7895	16	31	0	561929
September	0	6976	13	30	0	568905
October	0	9074	10	31	0	577979
November	0	13091	10	30	0	591070
December	0	15152	9	27	0	606222

Year: 1982

Month	Oil(BBLs)	Gas(MCF)	Water(BBL Days)	Produ Accum.	Oil Accum.	Gas(MCF)
January	0	19218	10	31	0	625440
February	0	16337	9	28	0	641777
March	0	15418	10	31	0	657195
April	0	13262	10	30	0	670457
May	0	1487	2	0	0	671944
June	0	0	0	0	0	671944
July	0	4380	3	8	0	676324
August	0	17229	10	31	0	693553
September	0	17234	3	10	0	710787
October	0	5291	2	6	0	716078
November	0	7824	5	13	0	723902
December	0	14514	11	31	0	738416

Year: 1983

Month	Oil(BBLs)	Gas(MCF)	Water(BBL Days)	Produ Accum.	Oil Accum.	Gas(MCF)
January	0	12288	10	28	0	750704
February	0	10721	10	28	0	761425
March	0	14462	10	27	0	775887
April	0	12840	6	16	0	788727
May	0	0	0	0	0	788727
June	0	0	0	0	0	788727
July	0	0	0	0	0	788727
August	0	1270	1	3	0	789997
September	0	4388	3	7	0	794385
October	0	9237	5	13	0	803622
November	0	11482	8	23	0	815104
December	0	12158	10	28	0	827262

Year:1984

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	14904	11	31	31	0	842166		
February	0	15270	10	29	29	0	857436		
March	0	18091	11	31	31	0	875527		
April	0	12725	7	19	19	0	888252		
May	0	0	0	0	0	0	888252		
June	0	4537	1	5	5	0	892789		
July	0	967	1	2	2	0	893756		
August	0	4738	4	15	15	0	898494		
September	0	5305	4	14	14	0	903799		
October	0	9549	9	31	31	0	913348		
November	0	11120	8	30	30	0	924468		
December	0	13186	8	28	28	0	937654		

Year:1985

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	13224	9	31	31	0	950878		
February	0	8716	6	22	22	0	959594		
March	0	8367	8	29	29	0	967961		
April	0	7321	8	30	30	0	975282		
May	0	9790	9	31	31	0	985072		
June	0	12024	7	26	26	0	997096		
July	0	7283	8	29	29	0	1004379		
August	0	13034	8	29	29	0	1017413		
September	0	14707	8	99	99	0	1032120		
October	0	17085	9	99	99	0	1049205		
November	0	14872	8	99	99	0	1064077		
December	0	17208	9	99	99	0	1081285		

Year:1986

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	14455	6	99	99	0	1095740		
February	0	13456	6	99	99	0	1109196		
March	0	18421	8	99	99	0	1127617		
April	0	4605	3	99	99	0	1132222		
May	0	0	0	99	99	0	1132222		

June	0	0	0	99	0	1132222
July	0	10563	6	99	0	1142785
August	0	576	0	99	0	1143361
September	0	0	0	99	0	1143361
October	0	0	1	99	0	1143361
November	0	12047	8	99	0	1155408
December	0	15118	9	99	0	1170526

Year:1987

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Produ Accum.	OilAccum.	Gas(MCF)
January	0	17721	9	99	0	1188247
February	0	18147	8	28	0	1206394
March	0	17346	9	31	0	1223740
April	0	9806	4	16	0	1233546
May	0	3296	2	6	0	1236842
June	0	0	0	0	0	1236842
July	0	2659	1	4	0	1239501
August	0	15404	9	31	0	1254905
September	0	12256	8	30	0	1267161
October	0	9250	6	22	0	1276411
November	0	7216	6	23	0	1283627
December	0	547	3	10	0	1284174

Year:1988

Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Produ Accum.	OilAccum.	Gas(MCF)
January	0	2363	7	24	0	1286537
February	0	1570	8	29	0	1288107
March	0	972	4	14	0	1289079
April	0	132	0	1	0	1289211
May	0	18	1	3	0	1289229
June	0	0	0	0	0	1289229
July	0	0	0	0	0	1289229
August	0	323	1	2	0	1289552
September	0	0	8	30	0	1289552
October	0	0	9	31	0	1289552
November	0	0	0	0	0	1289552
December	0	0	0	0	0	1289552

Year: 1989						
Month	Oil(BBLs)	Gas(MCF)	Water(BBL Days	Produ Accum.	Oil Accum.	Gas(MCF)
January	0	0	0	0	0	1289552
February	0	0	0	0	0	1289552
March	0	0	0	0	0	1289552
April	0	0	0	0	0	1289552
May	0	0	0	0	0	1289552
June	0	0	0	0	0	1289552
July	0	0	0	0	0	1289552
August	0	0	0	0	0	1289552
September	0	779	2	8	0	1290331
October	0	2	1	3	0	1290333
November	0	91	2	8	0	1290424
December	0	580	6	22	0	1291004

Year: 1990						
Month	Oil(BBLs)	Gas(MCF)	Water(BBL Days	Produ Accum.	Oil Accum.	Gas(MCF)
January	0	1475	9	31	0	1292479
February	0	1161	7	26	0	1293640
March	0	1250	8	29	0	1294890
April	0	144	3	10	0	1295034
May	0	5	0	5	0	1295039
June	0	0	0	0	0	1295039
July	0	0	0	0	0	1295039
August	0	0	0	0	0	1295039
September	0	0	0	0	0	1295039
October	0	0	0	0	0	1295039
November	0	0	0	0	0	1295039
December	0	0	0	0	0	1295039

Year: 1991						
Month	Oil(BBLs)	Gas(MCF)	Water(BBL Days	Produ Accum.	Oil Accum.	Gas(MCF)
January	0	35	1	2	0	1295074
February	0	0	0	0	0	1295074
March	0	0	0	0	0	1295074
April	0	0	0	0	0	1295074

May	0	0	0	0	0	1295074
June	0	0	0	0	0	1295074
July	0	0	0	0	0	1295074
August	0	0	0	0	0	1295074
September	0	0	0	0	0	1295074
October	0	0	0	0	0	1295074
November	0	0	0	0	0	1295074
December	0	0	0	0	0	1295074

Year: 1992

Month	Oil(BBLs)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas	(MCF)
January	0	0	0	0	0	0	1295074	0	1295074	
February	0	0	0	0	0	0	1295074	0	1295074	
March	0	0	0	0	0	0	1295074	0	1295074	
April	0	0	0	0	0	0	1295074	0	1295074	
May	0	0	0	0	0	0	1295074	0	1295074	
June	0	0	0	0	0	0	1295074	0	1295074	
July	0	0	0	0	0	0	1295074	0	1295074	
August	0	0	0	0	0	0	1295074	0	1295074	
September	0	0	0	0	0	0	1295074	0	1295074	
October	0	0	0	0	0	0	1295074	0	1295074	
November	0	0	0	0	0	0	1295074	0	1295074	
December	0	489	0	0	1	0	1295563	0	1295563	

Year: 1993

Month	Oil(BBLs)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas	(MCF)
January	0	11684	8	29	0	1307247				
February	0	10642	7	25	0	1317889				
March	0	14495	9	31	0	1332384				
April	0	14734	8	30	0	1347118				
May	0	12677	9	31	0	1359795				
June	0	11827	8	30	0	1371622				
July	0	11060	9	31	0	1382682				
August	0	13603	8	28	0	1396285				
September	0	11000	8	29	0	1407285				
October	0	13567	8	30	0	1420852				
November	0	13025	8	30	0	1433877				

December	0	11967	8	28	0	1445844
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Year:1994

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	14197	9	31	0	1460041			
February	0	12747	8	28	0	1472788			
March	0	13082	9	31	0	1485870			
April	0	11508	8	30	0	1497378			
May	0	10523	9	31	0	1507901			
June	0	11348	8	29	0	1519249			
July	0	9196	0	28	0	1528445			
August	0	12417	9	31	0	1540862			
September	0	9280	8	30	0	1550142			
October	0	13189	0	31	0	1563331			
November	0	11864	0	30	0	1575195			
December	0	12461	0	31	0	1587656			

Year:1995

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	11618	0	31	0	1599274			
February	0	10977	0	28	0	1610251			
March	0	9581	0	31	0	1619832			
April	0	9525	0	30	0	1629357			
May	0	10524	0	31	0	1639881			
June	0	10256	0	30	0	1650137			
July	0	10685	0	31	0	1660822			
August	0	10746	0	31	0	1671568			
September	0	9953	0	30	0	1681521			
October	0	8162	0	31	0	1689683			
November	0	9565	0	30	0	1699248			
December	0	9697	0	31	0	1708945			

Year:1996

Month	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas(MCF)
January	0	9901	0	31	0	1718846			
February	0	9162	0	29	0	1728008			
March	0	9791	0	31	0	1737799			

April	0	9020	0	30	0	1746819
May	0	5751	0	31	0	1752570
June	0	8848	0	30	0	1761418
July	0	9361	0	31	0	1770779
August	0	9480	0	31	0	1780259
September	0	6207	0	30	0	1786466
October	0	9360	0	31	0	1795826
November	0	8826	0	30	0	1804652
December	0	8718	0	31	0	1813370

Year:1997
Month

	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas	(MCF)
January	0	8855	0	31	0	1822225	0	1830383	0	1839456
February	0	8158	0	28	0	1830383	0	1846957	0	1855654
March	0	9073	0	31	0	1839456	0	1863211	0	1868935
April	0	7501	0	30	0	1846957	0	1876451	0	1884073
May	0	8697	0	31	0	1855654	0	1891846	0	1899562
June	0	7557	0	30	0	1863211	0	1907210	0	1915311
July	0	5724	0	31	0	1868935	0	1922196	0	1929805
August	0	7516	0	31	0	1876451	0	1937111	0	1944539
September	0	7622	0	30	0	1884073	0	1949577	0	1954214
October	0	7773	0	31	0	1891846	0	1957809	0	1962067
November	0	7716	0	30	0	1899562	0	1967618	0	1975826
December	0	7648	0	31	0	1907210	0	1915311	0	1922196

Year:1998
Month

	Oil(BBLS)	Gas(MCF)	Water(BBL)	Days	Produ	Accum.	Oil	Accum.	Gas	(MCF)
January	0	8101	0	31	0	1915311	0	1922196	0	1929805
February	0	6885	0	28	0	1922196	0	1937111	0	1944539
March	0	7609	0	31	0	1929805	0	1949577	0	1954214
April	0	7306	0	30	0	1937111	0	1957809	0	1962067
May	0	7428	0	31	0	1944539	0	1954214	0	1957809
June	0	5038	0	26	0	1949577	0	1957809	0	1962067
July	0	4637	0	31	0	1954214	0	1962067	0	1967618
August	0	3595	0	31	0	1957809	0	1962067	0	1967618
September	0	4258	0	30	0	1962067	0	1967618	0	1975826
October	0	5551	0	31	0	1967618	0	1975826	0	1980259

November	0	4191	0	30	0	1971809
December	0	4506	0	31	0	1976315

Year:1999						
Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Produ Accum.	Oil Accum.	Gas(MCF)
January	0	2628	0	31	0	1978943
February	0	4445	0	28	0	1983388
March	0	4502	0	31	0	1987890
April	0	4088	0	30	0	1991978
May	0	4131	0	31	0	1996109
June	0	3543	15	30	0	1999652
July	0	4211	16	31	0	2003863
August	0	5797	16	31	0	2009660
September	0	3692	15	30	0	2013352
October	0	2667	16	31	0	2016019
November	0	1865	15	30	0	2017884
December	0	1865	31	31	0	2019749

Year:2000						
Month	Oil(BBLS)	Gas(MCF)	Water(BBL Days)	Produ Accum.	Oil Accum.	Gas(MCF)
January	0	1577	16	31	0	2021326
February	0	1343	0	29	0	2022669
March	0	1746	0	31	0	2024415
April	0	1565	0	30	0	2025980
May	0	1630	0	31	0	2027610
June	0	1511	0	30	0	2029121
July	0	1411	0	31	0	2030532
August	0	1431	0	31	0	2031963
September	0	1070	0	30	0	2033033
October	0	624	0	31	0	2033657
November	0	605	0	30	0	2034262