

5/22/03	SUSPENSE NA	ENGINEER WVJ	LOGGED IN MW	TYPE DHC	PKR/0314335242
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]
 [A] Location - Spacing Unit - Simultaneous Dedication
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☒ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or **Does Not Apply**

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

- [3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Steve Millican		Production Engineer	5-20-03
Print or Type Name	Signature	Title	Date
		SFMillican@Marathon Oil.com	
		e-mail Address	

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

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15, 2000

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 COMMINGLING

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

Indian Federal Gas Com #1 "G" Sec. 19, T-21-S, R-24-E Eddy
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. 14021 Property Code 13993 API No. 30.01.5.10355 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Indian Basin Upper Penn Assoc		Indian Basin Morrow
Pool Code	33685		078960
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	7388' – 7533'		9226' – 9470'
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)	Not Required		Not Required
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1,053 BTU		1,055 BTU
Producing, Shut-In or New Zone	Producing		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: October 2002 Rates: 215 MCFD Ø Oil Ø Water	Date: Rates:	Date: April 18, 2003 Rates: 283 Gas Ø Oil 4 Water
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil 0 Gas 215 0% 43%	Oil Gas % %	Oil 0 Gas 283 0% 57 %

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 Ginny Larke TITLE Eng. Technician DATE 5-20-03
TYPE OR PRINT NAME Ginny Larke TELEPHONE NO. (915) 687-8321

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. 1st Street, 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

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-10355	² Pool Code 33685	³ Pool Name INDIAN BASIN UPPER PENN ASSOCIATED GAS POOL
⁴ Property Code 13993	⁵ Property Name INDIAN FEDERAL GAS COM	⁶ Well Number 1
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁹ Elevation 3779

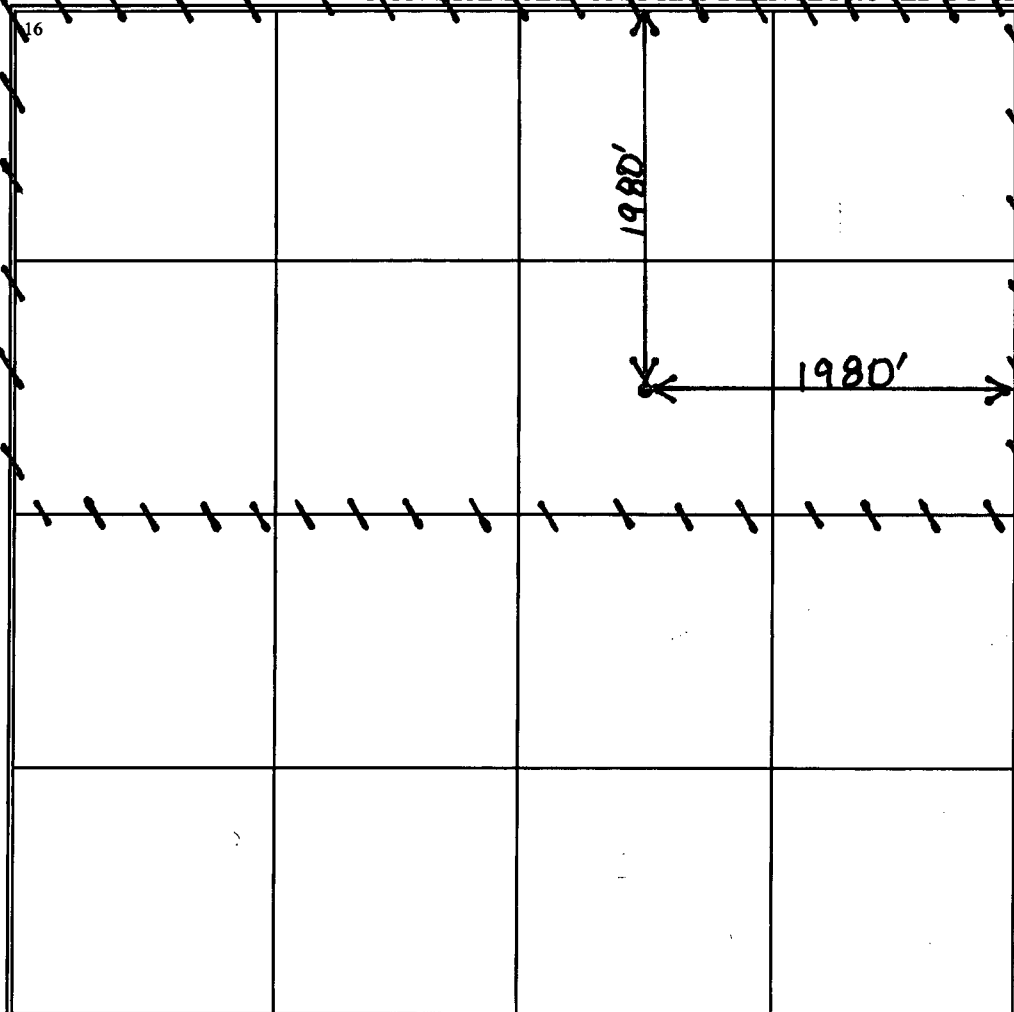
¹⁰ Surface Location

UL or lot no. G	Section 19	Township 21S	Range 24E	Lot. Idn	Feet from the 1980	North/South line FNL	Feet from the 1980	East/West line FEL	County EDDY
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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
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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 <u>Ginny Larke</u>	
	Printed Name <u>Ginny Larke</u>	
	Title <u>Engineering Technician</u>	
Date <u>5-20-03</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		Signature and Seal of Professional Surveyor:
Certificate Number		

District I
1625 N. French Dr., Hobbs, NM 88240
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2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
State Lease - 4 Copies
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☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-10355	² Pool Code 33685	³ Pool Name INDIAN BASIN MORROW GAS POOL
⁴ Property Code 13993	⁵ Property Name INDIAN FEDERAL GAS COM	⁶ Well Number 1
⁷ OGRID No. 14021	⁸ Operator Name Marathon Oil Company	⁹ Elevation 3779

¹⁰ Surface Location

UL or lot no. G	Section 19	Township 21S	Range 24E	Lot. Idn	Feet from the 1980	North/South line FNL	Feet from the 1980	East/West line FEL	County EDDY
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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
¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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 <u>Girmy Larke</u> Printed Name Girmy Larke Title Engineering Technician Date 5-20-03
					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: Certificate Number

INDIAN FEDERAL GAS COM WELL NO. 1

1980' FNL & 1980' FEL
UL "G", Section 19, Township 21-S, Range 24-E
Eddy County, New Mexico

Attachment to Form C-107A

In October, 2002, Marathon requested permission to test the Upper Penn zone in the Indian Federal Gas Com Well No. 1. The well was tested for over a week, and the engineer reported that the production held steady at 215 MCFPD with no liquid production. Attached you will find the historical Upper Penn production for this well from 1970 thru 1973. Also attached you will find the historical Morrow production for this well through November, 2002 and a production plot for the production for this well from January, 2002 thru May 20, 2003.

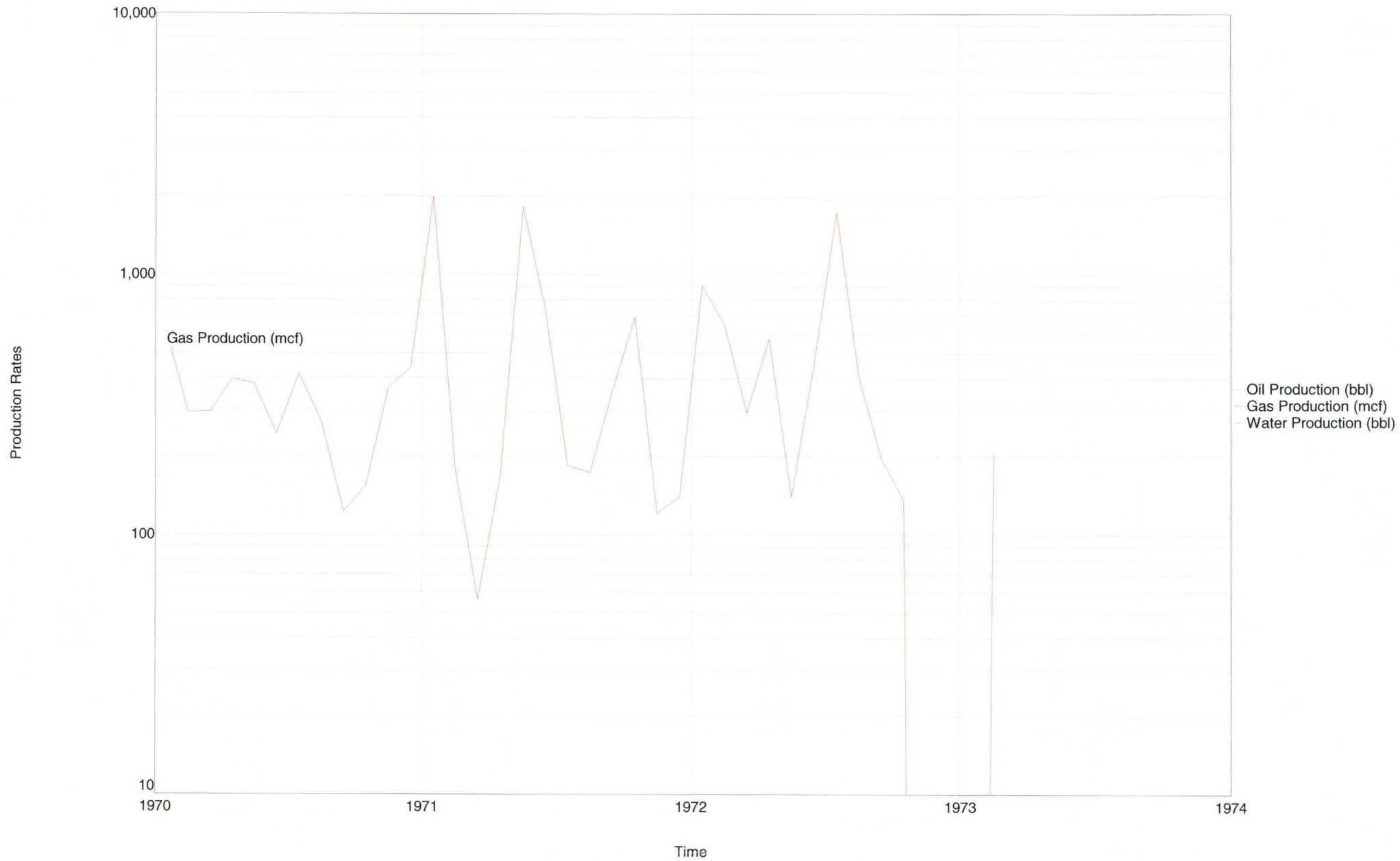
You will see from the production plot that the last two tests of the Morrow production have been below 300 MCFD. To figure the allocation between the two zones, the gas tests were added together and then each well test was divided by the sum of the two tests.

$215/498 = 43\%$ and $283/498 = 57\%$

If you have any questions, please contact Ginny Larke at 915-687-8321.

Lease Name: INDIAN FEDERAL GAS COM
County, State: EDDY, NM
Operator: PENROC OIL CORPORATION
Field: INDIAN BASIN
Reservoir: UPPER PENNSYLVANIAN
Location: 19 21S 24E

INDIAN FEDERAL GAS COM - INDIAN BASIN



EDDY NM
 INDIAN FEDERAL GAS COM 001
 PENROC OIL CORPORATION
 INACTIVE

Detailed Production Report

Lease Name: INDIAN FEDERAL GAS COM Lease Number: 352320 Operator Name: PENROC OIL CORPORATION State: NEW MEXICO County: EDDY Field: INDIAN BASIN Sec Twn Rng: 19G 21S 24E Latitude/Longitude: 32.46611 -104.53491 Regulatory #: API: 30015103550000 Production ID: 2300220151035579040 Reservoir Name: UPPER PENNSYLVANIAN Prod Zone: PENNSYLVANIAN UPPER Prod Zone Code: 409PSLVU Basin Name: PERMIAN BASIN Gas Gatherer: Liquid Gatherer: Status: INACTIVE-PRIOR YEAR GAS Well Type: ABANDONED-GENERAL	Well Number: 001 Cum Oil: 699 Cum Gas: 110,725 Cum Water: First Production Date: FEB 1964 Last Production Date: FEB 1973 Spot: Lat/Long Source: TS Completion Date: Total Depth: Upper Perforation: Lower Perforation: Gas Gravity: Oil Gravity: Temp Gradient: 1.032 N Factor: GOR: Water Depth:
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Annual Production	(4 years)		
Year	Oil BBLs	Gas MCF	Water BBLs

Beginning					
Cum:	699	94,423			
1970		3,994			
1971		6,612			
1972		5,492			
1973		204			
Totals:	699	110,725			

Monthly Production

Date MO/YR	Oil BBLs	Gas MCF	Water BBLs	Cond Yld BBLs/MCF	% Water	# of Wells	Days on
JAN 1970	0	608				1	
FEB 1970	0	295				1	
MAR 1970	0	297				1	
APR 1970	0	397				1	
MAY 1970	0	380				1	

JUN 1970	0	244	1
JUL 1970	0	416	1
AUG 1970	0	273	1
SEP 1970	0	123	1
OCT 1970	0	154	1
NOV 1970	0	366	1
DEC 1970	0	441	1

Totals:			
1970		3,994	

JAN 1971		1,992	1
FEB 1971		178	1
MAR 1971		56	1
APR 1971		169	1
MAY 1971		1,819	1
JUN 1971		735	1
JUL 1971		185	1
AUG 1971		173	1
SEP 1971		358	1
OCT 1971		686	1
NOV 1971		121	1
DEC 1971		140	1

Totals:			
1971		6,612	

JAN 1972		908	1
FEB 1972		646	1
MAR 1972		295	1
APR 1972		567	1
MAY 1972		140	1
JUN 1972		452	1
JUL 1972		1,745	1
AUG 1972		406	1
SEP 1972		197	1
OCT 1972		136	1
NOV 1972		0	0
DEC 1972		0	0

Totals:			
1972		5,492	

JAN 1973		0	0
FEB 1973		204	1

Totals:			
1973		204	

=====

Gas Tests

Total count: 3

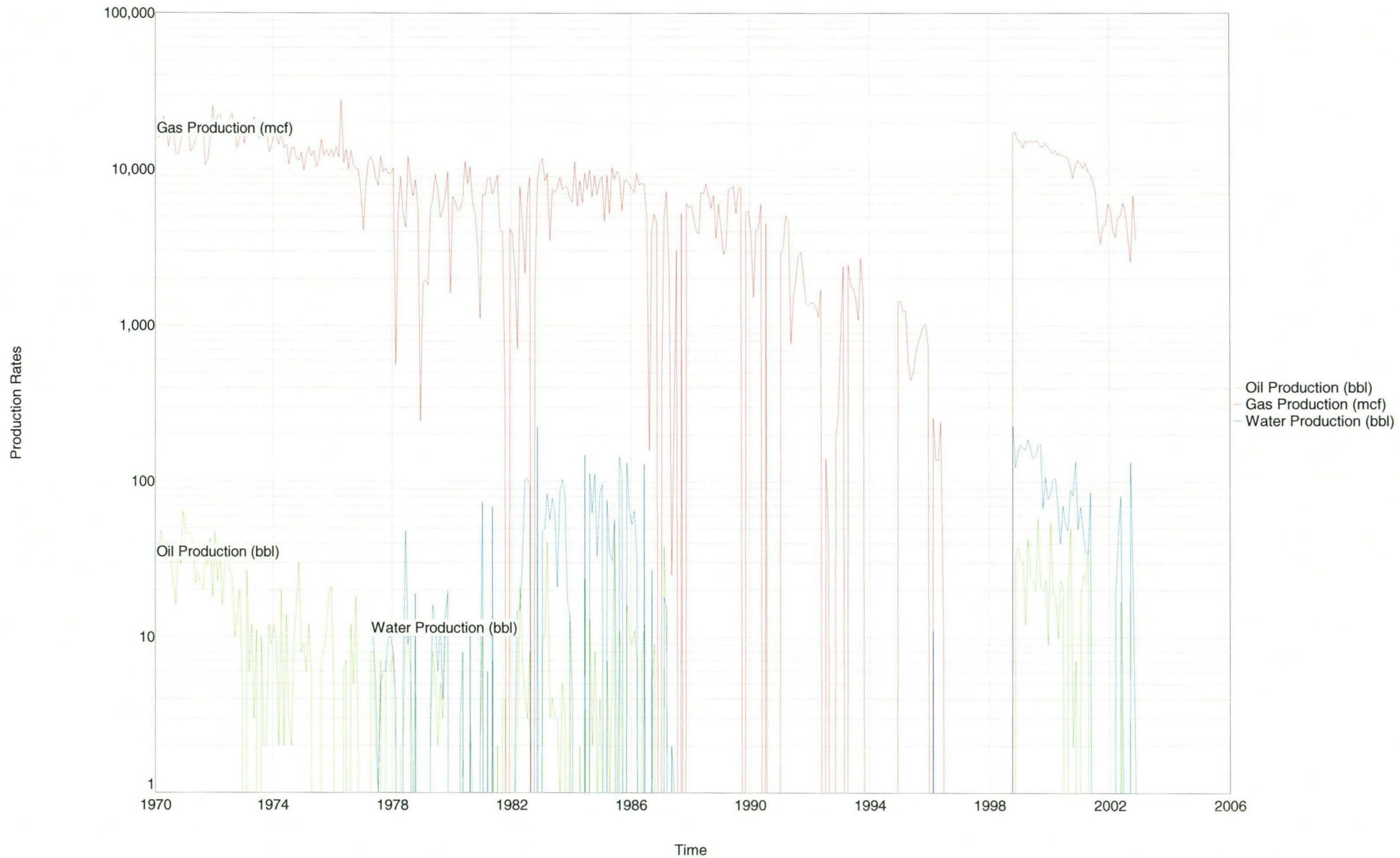
API Number	Well Number	Test Date	WHSIP	WHFP	BHP	BHP/Z	Water B/D	Cond B/D	Gas MCFD	AOF MCFD
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First Test

30015103550000	001	19700930	1794
30015103550000	001	19710922	2003
30015103550000	001	19720903	1775

Lease Name: INDIAN FEDERAL GAS COM
County, State: EDDY, NM
Operator: MARATHON OIL COMPANY
Field: INDIAN BASIN
Reservoir: MORROW
Location: 19 21S 24E

INDIAN FEDERAL GAS COM - INDIAN BASIN



EDDY NM
INDIAN FEDERAL GAS COM 1
MARATHON OIL COMPANY
ACTIVE

Detailed Production Report

Lease Name: INDIAN FEDERAL GAS COM Lease Number: 13993 Operator Name: MARATHON OIL COMPANY State: NEW MEXICO County: EDDY Field: INDIAN BASIN Sec Twn Rng: 19G 21S 24E Latitude/Longitude: 32.46611 -104.53491 Regulatory #: API: 30015103550000 Production ID: 2300220151035578960 Reservoir Name: MORROW Prod Zone: MORROW Prod Zone Code: 402MRRW Basin Name: PERMIAN BASIN Gas Gatherer: MARAO Liquid Gatherer: MARAO Status: ACTIVE Well Type: ACTIVE PRODUCING-GENERAL	Well Number: 1 Cum Oil: 5,503 Cum Gas: 4,387,015 Cum Water: 7,117 since APR 1977 First Production Date: FEB 1964 Last Production Date: NOV 2002 Spot: Lat/Long Source: TS Completion Date: Total Depth: 9561 Upper Perforation: Lower Perforation: Gas Gravity: 0.60 Oil Gravity: Temp Gradient: 1.162 N Factor: 0.84 GOR: Water Depth:
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Annual Production	(32 years)		
Year	Oil BBLs	Gas MCF	Water BBLs

Beginning

Cum:	2,628	1,504,515	
1970	440	202,572	
1971	391	195,469	
1972	288	231,462	
1973	94	206,805	
1974	127	167,010	
1975	99	149,913	
1976	55	151,146	
1977	47	113,567	66
1978	53	76,028	105
1979	55	63,045	87
1980	12	76,184	24
1981	29	67,942	151
1982	48	57,588	590
1983	97	93,767	705
1984	63	95,852	555
1985	109	96,288	744
1986	60	67,272	307
1987	48	35,287	36
1988		69,897	
1989		64,194	

1990		24,362	
1991		30,864	
1992		7,614	
1993		16,157	
1994		1,438	
1995		10,492	
1996		786	11
1998	71	49,825	506
1999	315	176,563	1,732
2000	224	142,210	929
2001	103	89,461	274
2002	47	51,440	295
Totals:	<u>5,503</u>	<u>4,387,015</u>	<u>7,117</u>

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Monthly Production

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	Cond Yld BBLS/MCF	% Water	# of Wells	Days on

JAN 1970	40	20,770		1.93		1	
FEB 1970	38	15,897		2.40		1	
MAR 1970	48	17,910		2.69		1	
APR 1970	33	21,741		1.52		1	
MAY 1970	40	19,028		2.11		1	
JUN 1970	40	13,970		2.87		1	
JUL 1970	31	17,259		1.80		1	
AUG 1970	23	16,704		1.38		1	
SEP 1970	16	12,590		1.28		1	
OCT 1970	38	12,413		3.07		1	
NOV 1970	29	15,358		1.89		1	
DEC 1970	64	18,932		3.39		1	
Totals:	<u>440</u>	<u>202,572</u>	<u></u>				
1970							
JAN 1971	46	18,304		2.52		1	
FEB 1971	47	17,586		2.68		1	
MAR 1971	45	12,980		3.47		1	
APR 1971	42	13,742		3.06		1	
MAY 1971	22	15,777		1.40		1	
JUN 1971	26	16,479		1.58		1	
JUL 1971	22	16,508		1.34		1	
AUG 1971	20	20,424		0.98		1	
SEP 1971	31	10,693		2.90		1	
OCT 1971	29	11,565		2.51		1	
NOV 1971	43	15,912		2.71		1	
DEC 1971	18	25,499		0.71		1	
Totals:	<u>391</u>	<u>195,469</u>	<u></u>				
1971							
JAN 1972	47	18,438		2.55		1	
FEB 1972	23	21,785		1.06		1	
MAR 1972	34	22,540		1.51		1	
APR 1972	16	19,160		0.84		1	

MAY 1972	30	18,296	1.64	1
JUN 1972	39	20,125	1.94	1
JUL 1972	26	21,236	1.23	1
AUG 1972	24	22,648	1.06	1
SEP 1972	10	17,359	0.58	1
OCT 1972	14	13,760	1.02	1
NOV 1972	20	15,651	1.28	1
DEC 1972	5	20,464	0.25	1
Totals:				
1972	288	231,462		
JAN 1973	0	14,615		1
FEB 1973	27	18,201	1.49	1
MAR 1973	6	16,887	0.36	1
APR 1973	12	18,172	0.67	1
MAY 1973	3	21,569	0.14	1
JUN 1973	11	18,375	0.60	1
JUL 1973	0	15,686		1
AUG 1973	10	20,962	0.48	1
SEP 1973	2	17,052	0.12	1
OCT 1973	2	18,192	0.11	1
NOV 1973	12	12,905	0.93	1
DEC 1973	9	14,189	0.64	1
Totals:				
1973	94	206,805		
JAN 1974	12	16,920	0.71	1
FEB 1974	9	16,133	0.56	1
MAR 1974	2	14,389	0.14	1
APR 1974	20	17,299	1.16	1
MAY 1974	2	13,632	0.15	1
JUN 1974	14	14,415	0.98	1
JUL 1974	3	10,709	0.29	1
AUG 1974	2	13,747	0.15	1
SEP 1974	9	13,758	0.66	1
OCT 1974	16	11,808	1.36	1
NOV 1974	30	11,419	2.63	1
DEC 1974	8	12,781	0.63	1
Totals:				
1974	127	167,010		
JAN 1975	9	9,908	0.91	1
FEB 1975	6	12,384	0.49	1
MAR 1975	12	13,880	0.87	1
APR 1975	6	12,157	0.50	1
MAY 1975	0	13,057		1
JUN 1975	0	10,345		1
JUL 1975	0	11,390		1
AUG 1975	7	15,575	0.45	1
SEP 1975	8	12,334	0.65	1
OCT 1975	11	13,271	0.83	1
NOV 1975	19	12,257	1.56	1
DEC 1975	21	13,355	1.58	1
Totals:				
1975	99	149,913		
JAN 1976	5	12,022	0.42	1

FEB 1976	0	13,898				1
MAR 1976	0	11,997				1
APR 1976	0	27,774				1
MAY 1976	6	11,034		0.55		1
JUN 1976	7	13,363		0.53		1
JUL 1976	0	10,048				1
AUG 1976	12	13,199		0.91		1
SEP 1976	5	10,665		0.47		1
OCT 1976	18	10,125		1.78		1
NOV 1976	2	9,905		0.21		1
DEC 1976	0	7,116				1
Totals:						
1976	55	151,146				
JAN 1977	0	4,085	0			1
FEB 1977	1	7,979	0	0.13		1
MAR 1977	0	11,250	0			1
APR 1977	8	12,002	13	0.67	61.90	1
MAY 1977	8	10,943	10	0.74	55.56	1
JUN 1977	2	8,791	5	0.23	71.43	1
JUL 1977	1	7,869	1	0.13	50.00	1
AUG 1977	7	12,065	5	0.59	41.67	1
SEP 1977	0	9,666	6			1
OCT 1977	7	10,162	6	0.69	46.15	1
NOV 1977	7	9,358	10	0.75	58.82	1
DEC 1977	6	9,397	10	0.64	62.50	1
Totals:						
1977	47	113,567	66			
JAN 1978	8	10,166	8	0.79	50.00	1
FEB 1978	2	563	4	3.56	66.67	1
MAR 1978	0	5,216	0			1
APR 1978	2	8,964	0	0.23		1
MAY 1978	2	5,236	5	0.39	71.43	1
JUN 1978	11	4,262	48	2.59	81.36	1
JUL 1978	9	12,083	9	0.75	50.00	1
AUG 1978	6	8,385	12	0.72	66.67	1
SEP 1978	1	6,770	0	0.15		1
OCT 1978	12	8,545	19	1.41	61.29	1
NOV 1978	0	5,592	0			1
DEC 1978	0	246	0			1
Totals:						
1978	53	76,028	105			
JAN 1979	0	1,892	0			1
FEB 1979	0	1,956	0			1
MAR 1979	0	1,822	0			1
APR 1979	2	5,501	3	0.37	60.00	1
MAY 1979	8	6,521	16	1.23	66.67	1
JUN 1979	5	9,254	12	0.55	70.59	1
JUL 1979	2	7,537	6	0.27	75.00	1
AUG 1979	5	4,971	13	1.01	72.22	1
SEP 1979	3	5,462	4	0.55	57.14	1
OCT 1979	10	6,883	14	1.46	58.33	1
NOV 1979	20	9,629	19	2.08	48.72	1
DEC 1979	0	1,617	0			1
Totals:						

1979	55	63,045	87				
JAN 1980	0	6,709	0			1	31
FEB 1980	0	6,267	0			1	29
MAR 1980	0	5,454	0			1	29
APR 1980	0	5,595	3			1	7
MAY 1980	6	6,588	8	0.92	57.14	1	23
JUN 1980	0	11,260	0			1	30
JUL 1980	0	8,119	0			1	31
AUG 1980	3	10,380	11	0.29	78.57	1	31
SEP 1980	1	6,105	0	0.17		1	30
OCT 1980	0	5,268	0			1	25
NOV 1980	0	3,327	0			1	4
DEC 1980	2	1,112	2	1.80	50.00	1	13
Totals:							
1980	12	76,184	24				
JAN 1981	12	6,963	74	1.73	86.05	1	23
FEB 1981	0	6,774	0			1	27
MAR 1981	0	8,728	6			1	30
APR 1981	0	8,817	0			1	30
MAY 1981	7	7,011	69	1.00	90.79	1	23
JUN 1981	0	7,827	0			1	28
JUL 1981	2	9,173	1	0.22	33.33	1	30
AUG 1981	0	4,138	0			1	31
SEP 1981	4	3,951	0	1.02		1	23
OCT 1981	4	386	1	10.37	20.00	1	6
NOV 1981	0	0	0			0	0
DEC 1981	0	4,174	0			1	16
Totals:							
1981	29	67,942	151				
JAN 1982	0	3,868	0			1	25
FEB 1982	1	2,254	2	0.45	66.67	1	7
MAR 1982	3	715	15	4.20	83.33	1	3
APR 1982	21	7,744	15	2.72	41.67	1	0
MAY 1982	7	4,499	30	1.56	81.08	1	21
JUN 1982	4	2,171	104	1.85	96.30	1	8
JUL 1982	3	6,590	104	0.46	97.20	1	23
AUG 1982	8	8,917	95	0.90	92.23	1	31
SEP 1982	0	0	0			0	0
OCT 1982	0	1,638	0			1	11
NOV 1982	1	8,294	225	0.13	99.56	1	27
DEC 1982	0	10,898	0			1	6
Totals:							
1982	48	57,588	590				
JAN 1983	9	11,704	47	0.77	83.93	1	19
FEB 1983	11	8,447	50	1.31	81.97	1	27
MAR 1983	41	9,384	84	4.37	67.20	1	30
APR 1983	3	3,518	57	0.86	95.00	1	22
MAY 1983	4	7,485	78	0.54	95.12	1	26
JUN 1983	3	7,141	63	0.43	95.45	1	28
JUL 1983	3	7,649	21	0.40	87.50	1	26
AUG 1983	1	8,920	87	0.12	98.86	1	30
SEP 1983	5	7,451	104	0.68	95.41	1	26
OCT 1983	3	7,835	83	0.39	96.51	1	25

NOV 1983	0	7,676	17			1	30
DEC 1983	14	6,557	14	2.14	50.00	1	23
Totals: 1983	<u>97</u>	<u>93,767</u>	<u>705</u>				
JAN 1984	0	6,204	4			1	29
FEB 1984	0	11,262	0			1	17
MAR 1984	0	5,818	0			1	30
APR 1984	2	8,445	0	0.24		1	9
MAY 1984	0	6,136	0			1	27
JUN 1984	33	9,469	148	3.49	81.77	1	0
JUL 1984	0	7,451	0			1	25
AUG 1984	13	9,893	113	1.32	89.68	1	30
SEP 1984	2	6,677	63	0.30	96.92	1	0
OCT 1984	8	9,135	112	0.88	93.33	1	28
NOV 1984	1	6,911	33	0.15	97.06	1	0
DEC 1984	4	8,451	82	0.48	95.35	1	26
Totals: 1984	<u>63</u>	<u>95,852</u>	<u>555</u>				
JAN 1985	1	8,972	96	0.12	98.97	1	31
FEB 1985	0	4,683	0			1	0
MAR 1985	7	9,120	76	0.77	91.57	1	0
APR 1985	1	5,213	35	0.20	97.22	1	0
MAY 1985	7	10,303	31	0.68	81.58	1	0
JUN 1985	54	8,602	57	6.28	51.35	1	30
JUL 1985	1	9,720	0	0.11		1	31
AUG 1985	11	9,179	143	1.20	92.86	1	0
SEP 1985	1	5,472	107	0.19	99.07	1	0
OCT 1985	0	8,529	0			1	31
NOV 1985	16	8,501	133	1.89	89.26	1	30
DEC 1985	10	7,994	66	1.26	86.84	1	29
Totals: 1985	<u>109</u>	<u>96,288</u>	<u>744</u>				
JAN 1986	9	7,487	53	1.21	85.48	1	0
FEB 1986	11	7,144	65	1.54	85.53	1	0
MAR 1986	7	9,398	33	0.75	82.50	1	0
APR 1986	0	7,952	0			1	0
MAY 1986	7	8,165	0	0.86		1	0
JUN 1986	12	8,010	129	1.50	91.49	1	0
JUL 1986	0	5,216	0			1	0
AUG 1986	0	159	0			1	31
SEP 1986	5	4,019	27	1.25	84.38	1	0
OCT 1986	9	5,177	0	1.74		1	0
NOV 1986	0	4,545	0			1	0
DEC 1986	0	0	0			0	0
Totals: 1986	<u>60</u>	<u>67,272</u>	<u>307</u>				
JAN 1987	0	482	0			1	0
FEB 1987	38	4,956	18	7.67	32.14	1	0
MAR 1987	8	7,252	15	1.11	65.22	1	25
APR 1987	0	2,235	0			1	9
MAY 1987	2	25	2	80.00	50.00	1	1
JUN 1987	0	280	1			1	2
JUL 1987	0	3,040	0			1	24

AUG 1987	0	0	0	0	0
SEP 1987	0	5,248	0	1	30
OCT 1987	0	0	0	0	0
NOV 1987	0	6,055	0	1	30
DEC 1987	0	5,714	0	1	31
Totals:					
1987	48	35,287	36		

JAN 1988		5,928		1	31
FEB 1988		4,866		1	22
MAR 1988		3,988		1	31
APR 1988		3,885		1	26
MAY 1988		7,151		1	27
JUN 1988		7,033		1	28
JUL 1988		8,049		1	31
AUG 1988		6,836		1	31
SEP 1988		5,667		1	27
OCT 1988		6,849		1	28
NOV 1988		3,633		1	19
DEC 1988		6,012		1	30
Totals:					
1988		69,897			

JAN 1989		4,180		1	29
FEB 1989		2,858		1	28
MAR 1989		3,192		1	27
APR 1989		7,441		1	30
MAY 1989		7,581		1	31
JUN 1989		7,751		1	30
JUL 1989		5,229		1	31
AUG 1989		7,632		1	31
SEP 1989		7,588		1	30
OCT 1989		0		0	0
NOV 1989		5,301		1	30
DEC 1989		5,441		1	26
Totals:					
1989		64,194			

JAN 1990		4,030		1	31
FEB 1990		1,522		1	28
MAR 1990		4,160		1	31
APR 1990		4,123		1	30
MAY 1990		6,017		1	0
JUN 1990		0		0	0
JUL 1990		4,510		1	30
AUG 1990		0		0	0
SEP 1990		0		0	0
OCT 1990		0		0	0
NOV 1990		0		0	0
DEC 1990		0		0	0
Totals:					
1990		24,362			

JAN 1991		2,898		1	0
FEB 1991		3,224		1	0
MAR 1991		5,062		1	0
APR 1991		4,721		1	0

MAY 1991	774	1	0
JUN 1991	1,555	1	0
JUL 1991	1,973	1	0
AUG 1991	2,805	1	0
SEP 1991	2,975	1	30
OCT 1991	2,141	1	31
NOV 1991	1,390	1	30
DEC 1991	1,346	1	31
Totals:			
1991	30,864		
JAN 1992	1,400	1	31
FEB 1992	1,395	1	29
MAR 1992	1,316	1	31
APR 1992	1,138	1	30
MAY 1992	1,708	1	31
JUN 1992	0	0	0
JUL 1992	139	1	31
AUG 1992	48	1	31
SEP 1992	0	0	0
OCT 1992	0	0	0
NOV 1992	197	1	30
DEC 1992	273	1	31
Totals:			
1992	7,614		
JAN 1993	968	1	30
FEB 1993	2,395	1	28
MAR 1993	0	0	0
APR 1993	2,457	1	30
MAY 1993	1,783	1	31
JUN 1993	1,742	1	30
JUL 1993	1,502	1	31
AUG 1993	1,087	1	31
SEP 1993	2,716	1	30
OCT 1993	1,507	1	31
NOV 1993	0	0	0
DEC 1993	0	0	0
Totals:			
1993	16,157		
JAN 1994	0	0	0
FEB 1994	0	0	0
MAR 1994	0	0	0
APR 1994	0	0	0
MAY 1994	0	0	0
JUN 1994	0	0	0
JUL 1994	0	0	0
AUG 1994	0	0	0
SEP 1994	0	0	0
OCT 1994	0	0	0
NOV 1994	0	0	0
DEC 1994	1,438	1	31
Totals:			
1994	1,438		
JAN 1995	1,426	1	31

FEB 1995		1,223				1	28
MAR 1995		1,251				1	31
APR 1995		588				1	30
MAY 1995		450				1	31
JUN 1995		495				1	30
JUL 1995		660				1	31
AUG 1995		770				1	31
SEP 1995		882				1	30
OCT 1995		989				1	31
NOV 1995		1,025				1	30
DEC 1995		733				1	31
Totals:							
1995		10,492					
JAN 1996		0	0			0	0
FEB 1996		255	11			1	19
MAR 1996		139	0			1	31
APR 1996		137	0			1	17
MAY 1996		243	0			1	31
JUN 1996		12	0			1	6
JUL 1996		0	0			0	0
AUG 1996		0	0			0	0
SEP 1996		0	0			0	0
OCT 1996		0	0			0	0
NOV 1996		0	0			0	0
DEC 1996		0	0			0	0
Totals:							
1996		786	11				
JAN 1998	0	0	0			0	0
FEB 1998	0	0	0			0	0
MAR 1998	0	0	0			0	0
APR 1998	0	0	0			0	0
MAY 1998	0	0	0			0	0
JUN 1998	0	0	0			0	0
JUL 1998	0	0	0			0	0
AUG 1998	0	0	0			0	0
SEP 1998	0	0	0			0	0
OCT 1998	0	17,063	228			1	20
NOV 1998	33	17,354	124	1.91	78.98	1	30
DEC 1998	38	15,408	154	2.47	80.21	1	31
Totals:							
1998	71	49,825	506				
JAN 1999	31	15,179	173	2.05	84.80	1	31
FEB 1999	31	13,744	164	2.26	84.10	1	28
MAR 1999	12	15,269	161	0.79	93.06	1	31
APR 1999	43	14,860	186	2.90	81.22	1	30
MAY 1999	24	15,349	163	1.57	87.17	1	31
JUN 1999	23	14,894	141	1.55	85.98	1	30
JUL 1999	20	15,270	146	1.31	87.95	1	31
AUG 1999	58	15,160	169	3.83	74.45	1	31
SEP 1999	21	14,115	176	1.49	89.34	1	30
OCT 1999	20	14,020	68	1.43	77.27	1	29
NOV 1999	23	14,831	107	1.56	82.31	1	30
DEC 1999	9	13,872	78	0.65	89.66	1	31
Totals:							

1999	315	176,563	1,732							
JAN 2000	54	13,352	84	4.05	60.87	1	31			
FEB 2000	19	12,752	104	1.49	84.55	1	29			
MAR 2000	18	13,386	105	1.35	85.37	1	31			
APR 2000	10	12,383	67	0.81	87.01	1	30			
MAY 2000	23	12,724	40	1.81	63.49	1	31			
JUN 2000	21	12,225	70	1.72	76.92	1	30			
JUL 2000	0	12,202	54			1	31			
AUG 2000	20	11,890	49	1.69	71.01	1	31			
SEP 2000	50	10,637	89	4.71	64.03	1	30			
OCT 2000	2	8,771	82	0.23	97.62	1	25			
NOV 2000	7	10,442	135	0.68	95.07	1	30			
DEC 2000	0	11,446	50			1	31			
Totals:										
2000	224	142,210	929							
JAN 2001	18	10,972	69	1.65	79.31	1	30			
FEB 2001	25	10,163	49	2.46	66.22	1	28			
MAR 2001	23	10,995	35	2.10	60.34	1	31			
APR 2001	37	9,723	35	3.81	48.61	1	30			
MAY 2001	0	9,343	86			1	31			
JUN 2001	0	8,322				1	30			
JUL 2001		7,341				1	31			
AUG 2001		4,444				1	25			
SEP 2001		3,333				1	22			
OCT 2001		4,387				1	31			
NOV 2001		4,442				1	30			
DEC 2001		5,996				1	29			
Totals:										
2001	103	89,461	274							
JAN 2002	0	5,561	0			1	31			
FEB 2002	0	4,076	0			1	24			
MAR 2002	0	3,698	19			1	26			
APR 2002	0	4,948	42			1	30			
MAY 2002	17	5,105	81	3.34	82.65	1	31			
JUN 2002	0	6,104	1			1	30			
JUL 2002	0	5,354	0			1	31			
AUG 2002	0	3,648	0			1	29			
SEP 2002	30	2,570	133	11.68	81.60	1	30			
OCT 2002	0	6,808	18			1	31			
NOV 2002		3,568	1			1	30			
Totals:										
2002	47	51,440	295							
Gas Tests		Total count: 25								
API	Well	Test	WHSIP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF
Number=====	Number=====	Date=====					B/D=====	B/D=====	MCFD=====	MCFD=====

First Test										
30015103550000	1	19640129	2847		3503	3799				4100
30015103550000	1	19700930	1361		1669	1840				
30015103550000	1	19710922	1264		1548	1697				
30015103550000	1	19720902	1215		1487	1626				
30015103550000	1	19741119	1115		1362	1482				
30015103550000	1	19750929	1063		1297	1406				
30015103550000	1	19760929	1023		1248	1349				

30015103550000	1	19770914	963	1173	1264
30015103550000	1	19780908	863	1049	1124
30015103550000	1	19790914	830	1008	1076
30015103550000	1	19810907	1063	1297	1406
30015103550000	1	19820830	1363	1672	1843
30015103550000	1	19830825	1463	1797	1987
30015103550000	1	19840903	1363	1672	1843
30015103550000	1	19850905	1303	1596	1753
30015103550000	1	19860709	1483	1822	2017
30015103550000	1	19860915	1438	1765	1950
30015103550000	1	19880712	1363	1672	1843
30015103550000	1	19890706	1343	1647	1813
30015103550000	1	19900621	1723	2123	2364
30015103550000	1	19920706	1663	2047	2276
30015103550000	1	19930701	953	1160	1250
30015103550000	1	19951103	1235	1512	1656
30015103550000	1	19970830	1115	1362	1482
30015103550000	1	19980827	1140	1393	1517
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Marathon Oil Company

5/20/2003

Well Name: INDIAN FEDERAL GAS COM 1
PDEN_ID: 5000350
API No: 30015103550000

Op Prop: INDIAN FEDERAL GAS COM (19-21S-24E)
County, State: EDDY, NEW MEXICO
Well Status: PG - Active

