



NEW MEXICO ENERGY, MINERALS
& NATURAL RESOURCES DEPARTMENT

AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178 Fax (505) 334-6170

GARY E. JOHNSON
GOVERNOR

JENNIFER A. SALISBURY
CABINET SECRETARY

May 7, 1996

Mr Richard E Pollard
Marathon Oil Company
PO Box 522
Midland TX 79702

Re: Jicarilla #13E E-33-26N-5W 30-039-22446
Jicarilla #12 A-33-26N-5W 30-039-20006

Dear Mr. Pollard:

Your C-140 applications are being returned unapproved due to an incomplete decline tabulation.

Sincerely,

A handwritten signature in dark ink, appearing to read "F. Chavez".

Frank T. Chavez
District Supervisor

FTC\sh

cc: well files

marathon 1 wpa

District I - (505) 393-6161
PO Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE CONSERVATION DIVISION.

- I. Operator: Marathon Oil Compaany OGRID #: 14021
Address: P. O. Box 552 - Midland, Texas 79702
Contact Party: Richard E. Pollard Phone #: (915) 687-8326
- II. Name of Well: Jicarilla No. 13E API #: 30 039 22446
Location of Well: Unit Letter E, 1850 Feet from the northline and 930 feet from the west line,
Section 33, Township 26-N, Range 5-W, NMPM, Rio Arriba County
- III. Date Workover Procedures Commenced: February 1, 1996
Date Workover Procedures were Completed: February 7, 1996
- IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.
- V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.
- VI. Pool(s) on which Production Projection is based: Blanco MV and Basin Dakota Commingled
- VII. AFFIDAVIT:
State of Texas)
County of Midland) ss.
R.E. Pollard, being first duly sworn, upon oath states:

RECEIVED
MAY 28 1996
OIL CON. DIV.
APR 11 1996
OIL CON. DIV.
OCT 1 1996

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
Restoration Project.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Richard E. Pollard
(Name)

Senior Government Compliance Representative
(Title)

SUBSCRIBED AND SWORN TO before me this 1st day of April, 19 96.

Lucy Kierley
Notary Public

My Commission expires: August 5, 1996

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 2/15, 19 96.

31.8
District Supervisor, District 3
Oil Conservation Division

Date: 6/20/96

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
DATE: _____

JICARILLA NO. 13E
DESCRIPTION OF WORKOVER PROCEDURE
(2/1/96 - 2/7/96)

Purpose: Remove coil tubing and install plunger lift.

1. RU coil tubing unit, killed well, pulled coil tubing out of well.
2. RU well service unit, killed well, unable to pull tubing, cut tubing above packer at 6888'. POOH.
3. Ran 2-3/8" tubing to 6862'.
4. RU swabline, brached tubing and installed plunger lift equipment.

h:\rep\WOPJIC13E

JICARILLA NO. 13E
BASIS OF PRODUCTION PROJECTION

Basis of Production Projection: Decline analysis using Aries PC program with the following parameters:

Gas:

Start of history match:	January 1985
End of history match:	January 1996
Projected method:	Exponential auto fit
Economic limit:	None
Bad data removed:	None

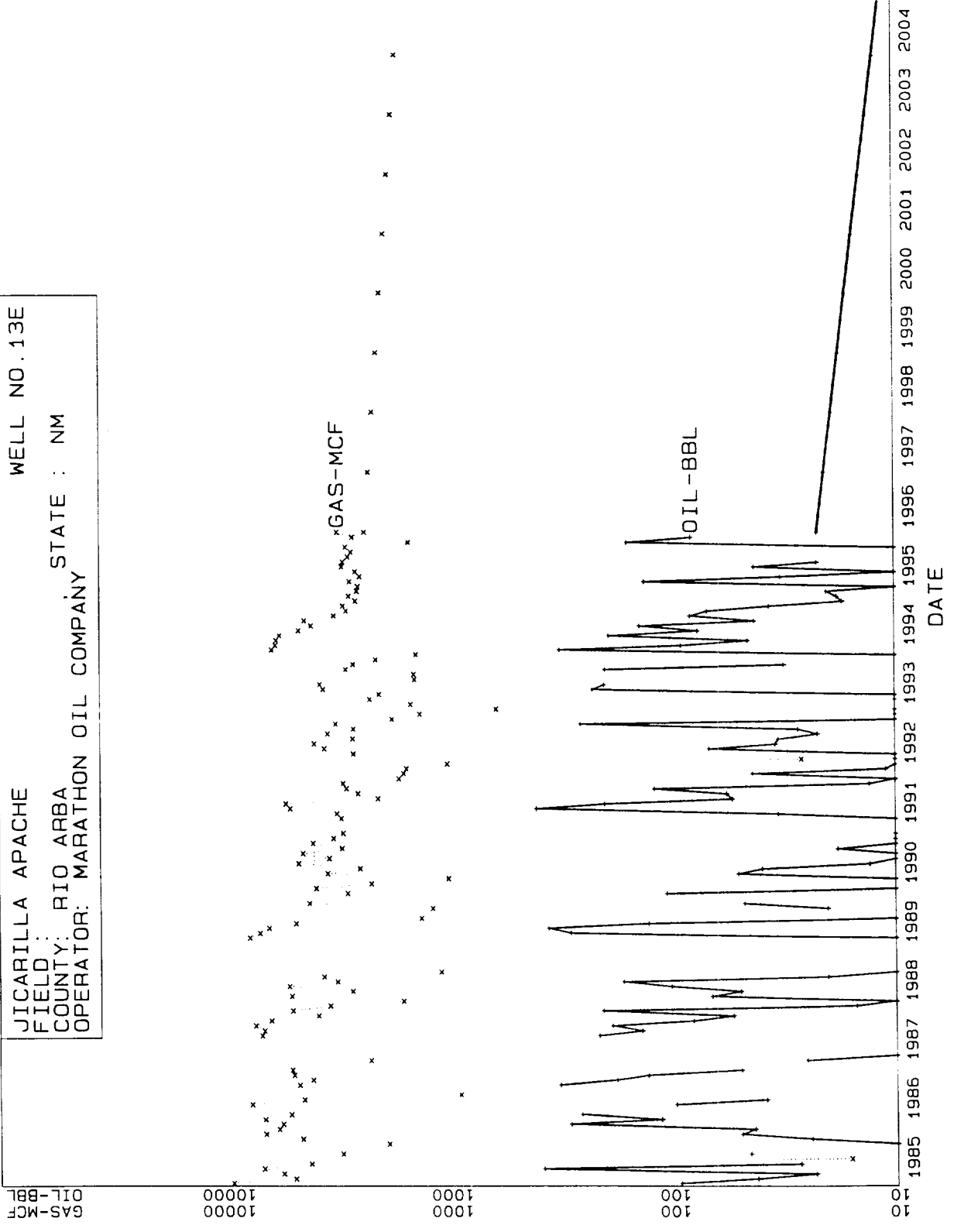
Oil

Start of history match:	January 1985
End of history match:	January 1996
Projection method:	Exponential auto fit
Economic limit:	None
Bad data removed:	None

h:\rep\PrPJIC13E

JICARILLA APACHE
 FIELD :
 COUNTY: RIO ARBA
 OPERATOR: MARATHON OIL COMPANY
 STATE : NM
 WELL NO.13E

OIL=DEFAULT
 Gal= 01796
 Cum= 11.808
 Rem= 3.487
 EUR= 15.295
 Yrs= 48.833
 Q1= 22.0
 De= 7.110
 n= .000
 Gab= .6
 GAS=DEFAULT
 Gal= 01796
 Cum= 592.722
 Rem= 645.468
 EUR= 1238.190
 Yrs= 86.000
 Q1= 2341.7
 De= 4.151
 n= .000
 Gab= 61.3



JICARILLA APACHE WELL NO. 13E
 API NO. 30039224460000
 FIELD
 RIO ARBA COUNTY , NM

DATE: 05/22/96
 TIME: 14:03:28
 PAGE: 1
 NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	0
3/96	22	2321
4/96	22	2313
5/96	21	2305
6/96	21	2297
7/96	21	2289
8/96	21	2280
9/96	21	2272
10/96	21	2264
11/96	21	2256
12/96	21	2248
YTD/96	211	22846
1/97	20	2241
2/97	20	2233
3/97	20	2225
4/97	20	2217
5/97	20	2209
6/97	20	2201
7/97	20	2194
8/97	20	2186
9/97	19	2178
10/97	19	2170
11/97	19	2163
12/97	19	2155
TOT/97	237	26371
1/98	19	2148
2/98	19	2140
3/98	19	2132
4/98	19	2125
5/98	18	2117
6/98	18	2110
7/98	18	2102
8/98	18	2095
9/98	18	2088
10/98	18	2080
11/98	18	2073
12/98	18	2066
TOT/98	220	25276
TOTAL	668	74493

JICARILLA APACHE WELL NO. 13E
 API NO. 30039224460000
 FIELD
 RIO ARBA COUNTY , NM

DATE: 05/22/96
 TIME: 14:03:29
 PAGE: 2
 NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	668	74493
1/99	18	2058
2/99	17	2051
3/99	17	2044
4/99	17	2037
5/99	17	2030
6/99	17	2022
7/99	17	2015
8/99	17	2008
9/99	17	2001
10/99	17	1994
11/99	17	1987
12/99	16	1980
TOT/99	204	24227
1/00	16	1973
2/00	16	1966
3/00	16	1959
4/00	16	1952
5/00	16	1945
6/00	16	1938
7/00	16	1932
8/00	16	1925
9/00	16	1918
10/00	15	1911
11/00	15	1904
12/00	15	1898
TOT/00	190	23221
1/01	15	1891
2/01	15	1884
3/01	15	1878
4/01	15	1871
5/01	15	1865
6/01	15	1858
7/01	15	1851
8/01	15	1845
9/01	14	1838
10/01	14	1832
11/01	14	1825
12/01	14	1819
TOT/01	176	22258
TOTAL	1238	144200

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:29
PAGE: 3
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	1238	144200
1/02	14	1813
2/02	14	1806
3/02	14	1800
4/02	14	1793
5/02	14	1787
6/02	14	1781
7/02	14	1775
8/02	14	1768
9/02	13	1762
10/02	13	1756
11/02	13	1750
12/02	13	1743
TOT/02	164	21334
1/03	13	1737
2/03	13	1731
3/03	13	1725
4/03	13	1719
5/03	13	1713
6/03	13	1707
7/03	13	1701
8/03	13	1695
9/03	12	1689
10/03	12	1683
11/03	12	1677
12/03	12	1671
TOT/03	152	20448
1/04	12	1665
2/04	12	1659
3/04	12	1653
4/04	12	1648
5/04	12	1642
6/04	12	1636
7/04	12	1630
8/04	12	1625
9/04	12	1619
10/04	12	1613
11/04	11	1607
12/04	11	1602
TOT/04	141	19599
TOTAL	1695	205580

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:30
PAGE: 4
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	1695	205580
1/05	11	1596
2/05	11	1590
3/05	11	1585
4/05	11	1579
5/05	11	1574
6/05	11	1568
7/05	11	1563
8/05	11	1557
9/05	11	1552
10/05	11	1546
11/05	11	1541
12/05	11	1535
TOT/05	131	18786
1/06	11	1530
2/06	10	1524
3/06	10	1519
4/06	10	1514
5/06	10	1508
6/06	10	1503
7/06	10	1498
8/06	10	1492
9/06	10	1487
10/06	10	1482
11/06	10	1477
12/06	10	1472
TOT/06	122	18006
1/07	10	1466
2/07	10	1461
3/07	10	1456
4/07	10	1451
5/07	10	1446
6/07	9	1441
7/07	9	1436
8/07	9	1430
9/07	9	1425
10/07	9	1420
11/07	9	1415
12/07	9	1410
TOT/07	113	17258
TOTAL	2062	259631

JICARILLA APACHE WELL NO. 13E
 API NO. 30039224460000
 FIELD
 RIO ARBA COUNTY , NM

DATE: 05/22/96
 TIME: 14:03:30
 PAGE: 5
 NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	2062	259631
1/08	9	1405
2/08	9	1400
3/08	9	1396
4/08	9	1391
5/08	9	1386
6/08	9	1381
7/08	9	1376
8/08	9	1371
9/08	9	1366
10/08	9	1361
11/08	9	1357
12/08	8	1352
TOT/08	105	16542
1/09	8	1347
2/09	8	1342
3/09	8	1338
4/09	8	1333
5/09	8	1328
6/09	8	1324
7/09	8	1319
8/09	8	1314
9/09	8	1310
10/09	8	1305
11/09	8	1300
12/09	8	1296
TOT/09	98	15855
1/10	8	1291
2/10	8	1287
3/10	8	1282
4/10	8	1278
5/10	8	1273
6/10	8	1269
7/10	8	1264
8/10	7	1260
9/10	7	1255
10/10	7	1251
11/10	7	1246
12/10	7	1242
TOT/10	91	15197
TOTAL	2355	307225

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:32
PAGE: 6
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	2355	307225
1/11	7	1238
2/11	7	1233
3/11	7	1229
4/11	7	1225
5/11	7	1220
6/11	7	1216
7/11	7	1212
8/11	7	1207
9/11	7	1203
10/11	7	1199
11/11	7	1195
12/11	7	1190
TOT/11	84	14566
1/12	7	1186
2/12	7	1182
3/12	7	1178
4/12	7	1174
5/12	7	1170
6/12	7	1165
7/12	7	1161
8/12	6	1157
9/12	6	1153
10/12	6	1149
11/12	6	1145
12/12	6	1141
TOT/12	78	13962
1/13	6	1137
2/13	6	1133
3/13	6	1129
4/13	6	1125
5/13	6	1121
6/13	6	1117
7/13	6	1113
8/13	6	1109
9/13	6	1105
10/13	6	1101
11/13	6	1098
12/13	6	1094
TOT/13	73	13382
TOTAL	2591	349136

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:32
PAGE: 7
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	2591	349136
1/14	6	1090
2/14	6	1086
3/14	6	1082
4/14	6	1078
5/14	6	1074
6/14	6	1071
7/14	6	1067
8/14	6	1063
9/14	6	1059
10/14	6	1056
11/14	5	1052
12/14	5	1048
TOT/14	68	12827
1/15	5	1045
2/15	5	1041
3/15	5	1037
4/15	5	1034
5/15	5	1030
6/15	5	1026
7/15	5	1023
8/15	5	1019
9/15	5	1015
10/15	5	1012
11/15	5	1008
12/15	5	1005
TOT/15	63	12294
1/16	5	1001
2/16	5	998
3/16	5	994
4/16	5	991
5/16	5	987
6/16	5	984
7/16	5	980
8/16	5	977
9/16	5	973
10/16	5	970
11/16	5	966
12/16	5	963
TOT/16	58	11784
TOTAL	2780	386041

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:33
PAGE: 8
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	2780	386041
1/17	5	960
2/17	5	956
3/17	5	953
4/17	5	950
5/17	5	946
6/17	5	943
7/17	4	940
8/17	4	936
9/17	4	933
10/17	4	930
11/17	4	926
12/17	4	923
TOT/17	54	11295
1/18	4	920
2/18	4	917
3/18	4	913
4/18	4	910
5/18	4	907
6/18	4	904
7/18	4	901
8/18	4	897
9/18	4	894
10/18	4	891
11/18	4	888
12/18	4	885
TOT/18	50	10826
1/19	4	882
2/19	4	879
3/19	4	875
4/19	4	872
5/19	4	869
6/19	4	866
7/19	4	863
8/19	4	860
9/19	4	857
10/19	4	854
11/19	4	851
12/19	4	848
TOT/19	47	10377
TOTAL	2931	418538

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:34
PAGE: 9
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	2931	418538
1/20	4	845
2/20	4	842
3/20	4	839
4/20	4	836
5/20	4	833
6/20	4	830
7/20	4	827
8/20	4	824
9/20	4	821
10/20	4	819
11/20	4	816
12/20	3	813
TOT/20	43	9946
1/21	3	810
2/21	3	807
3/21	3	804
4/21	3	801
5/21	3	799
6/21	3	796
7/21	3	793
8/21	3	790
9/21	3	787
10/21	3	785
11/21	3	782
12/21	3	779
TOT/21	40	9533
1/22	3	776
2/22	3	774
3/22	3	771
4/22	3	768
5/22	3	765
6/22	3	763
7/22	3	760
8/22	3	757
9/22	3	755
10/22	3	752
11/22	3	749
12/22	3	747
TOT/22	37	9137
TOTAL	3052	447154

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:34
PAGE: 10
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3052	447154
1/23	3	744
2/23	3	741
3/23	3	739
4/23	3	736
5/23	3	734
6/23	3	731
7/23	3	728
8/23	3	726
9/23	3	723
10/23	3	721
11/23	3	718
12/23	3	716
TOT/23	35	8758
1/24	3	713
2/24	3	711
3/24	3	708
4/24	3	706
5/24	3	703
6/24	3	701
7/24	3	698
8/24	3	696
9/24	3	693
10/24	3	691
11/24	3	688
12/24	3	686
TOT/24	32	8394
1/25	3	684
2/25	3	681
3/25	3	679
4/25	3	676
5/25	3	674
6/25	3	672
7/25	2	669
8/25	2	667
9/25	2	665
10/25	2	662
11/25	2	660
12/25	2	658
TOT/25	30	8046
TOTAL	3149	472352

JICARILLA APACHE WELL NO. 13E
 API NO. 30039224460000
 FIELD
 RIO ARBA COUNTY , NM

DATE: 05/22/96
 TIME: 14:03:35
 PAGE: 11
 NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3149	472352
1/26	2	655
2/26	2	653
3/26	2	651
4/26	2	648
5/26	2	646
6/26	2	644
7/26	2	641
8/26	2	639
9/26	2	637
10/26	2	635
11/26	2	632
12/26	2	630
TOT/26	28	7712
1/27	2	628
2/27	2	626
3/27	2	624
4/27	2	621
5/27	2	619
6/27	2	617
7/27	2	615
8/27	2	613
9/27	2	611
10/27	2	608
11/27	2	606
12/27	2	604
TOT/27	26	7392
1/28	2	602
2/28	2	600
3/28	2	598
4/28	2	596
5/28	2	594
6/28	2	591
7/28	2	589
8/28	2	587
9/28	2	585
10/28	2	583
11/28	2	581
12/28	2	579
TOT/28	24	7085
TOTAL	3227	494541

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:35
PAGE: 12
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3227	494541
1/29	2	577
2/29	2	575
3/29	2	573
4/29	2	571
5/29	2	569
6/29	2	567
7/29	2	565
8/29	2	563
9/29	2	561
10/29	2	559
11/29	2	557
12/29	2	555
TOT/29	22	6791
1/30	2	553
2/30	2	551
3/30	2	549
4/30	2	547
5/30	2	545
6/30	2	543
7/30	2	541
8/30	2	540
9/30	2	538
10/30	2	536
11/30	2	534
12/30	2	532
TOT/30	21	6509
1/31	2	530
2/31	2	528
3/31	2	526
4/31	2	524
5/31	2	523
6/31	2	521
7/31	2	519
8/31	2	517
9/31	2	515
10/31	2	513
11/31	2	512
12/31	2	510
TOT/31	19	6239
TOTAL	3289	514080

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:36
PAGE: 13
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3289	514080
1/32	2	508
2/32	2	506
3/32	2	504
4/32	2	503
5/32	2	501
6/32	1	499
7/32	1	497
8/32	1	496
9/32	1	494
10/32	1	492
11/32	1	490
12/32	1	489
TOT/32	18	5980
1/33	1	487
2/33	1	485
3/33	1	484
4/33	1	482
5/33	1	480
6/33	1	478
7/33	1	477
8/33	1	475
9/33	1	473
10/33	1	472
11/33	1	470
12/33	1	468
TOT/33	17	5732
1/34	1	467
2/34	1	465
3/34	1	463
4/34	1	462
5/34	1	460
6/34	1	459
7/34	1	457
8/34	1	455
9/34	1	454
10/34	1	452
11/34	1	451
12/34	1	449
TOT/34	15	5494
TOTAL	3339	531285

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:37
PAGE: 14
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3339	531285
1/35	1	447
2/35	1	446
3/35	1	444
4/35	1	443
5/35	1	441
6/35	1	440
7/35	1	438
8/35	1	436
9/35	1	435
10/35	1	433
11/35	1	432
12/35	1	430
TOT/35	14	5266
1/36	1	429
2/36	1	427
3/36	1	426
4/36	1	424
5/36	1	423
6/36	1	421
7/36	1	420
8/36	1	418
9/36	1	417
10/36	1	415
11/36	1	414
12/36	1	412
TOT/36	13	5047
1/37	1	411
2/37	1	410
3/37	1	408
4/37	1	407
5/37	1	405
6/37	1	404
7/37	1	402
8/37	1	401
9/37	1	400
10/37	1	398
11/37	1	397
12/37	1	395
TOT/37	12	4838
TOTAL	3379	546436

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:37
PAGE: 15
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3379	546436
1/38	1	394
2/38	1	393
3/38	1	391
4/38	1	390
5/38	1	388
6/38	1	387
7/38	1	386
8/38	1	384
9/38	1	383
10/38	1	382
11/38	1	380
12/38	1	379
TOT/38	12	4637
1/39	1	378
2/39	1	376
3/39	1	375
4/39	1	374
5/39	1	372
6/39	1	371
7/39	1	370
8/39	1	368
9/39	1	367
10/39	1	366
11/39	1	364
12/39	1	363
TOT/39	11	4444
1/40	1	362
2/40	1	361
3/40	1	359
4/40	1	358
5/40	1	357
6/40	1	356
7/40	1	354
8/40	1	353
9/40	1	352
10/40	1	351
11/40	1	349
12/40	1	348
TOT/40	10	4260
TOTAL	3412	559777

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:03:38
PAGE: 16
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3412	559777
1/41	1	347
2/41	1	346
3/41	1	344
4/41	1	343
5/41	1	342
6/41	1	341
7/41	1	340
8/41	1	338
9/41	1	337
10/41	1	336
11/41	1	335
12/41	1	334
TOT/41	9	4083
1/42	1	333
2/42	1	331
3/42	1	330
4/42	1	329
5/42	1	328
6/42	1	327
7/42	1	326
8/42	1	324
9/42	1	323
10/42	1	322
11/42	1	321
12/42	1	320
TOT/42	9	3914
1/43	1	319
2/43	1	318
3/43	1	316
4/43	1	315
5/43	1	314
6/43	1	313
7/43	1	312
8/43	1	311
9/43	1	310
10/43	1	309
11/43	1	308
12/43	1	307
TOT/43	8	3751
TOTAL	3437	571524

JICARILLA APACHE WELL NO. 13E
 API NO. 30039224460000
 FIELD
 RIO ARBA COUNTY , NM

DATE: 05/22/96
 TIME: 14:03:39
 PAGE: 17
 NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	3437	571524
1/44	1	305
2/44	1	304
3/44	1	303
4/44	1	302
5/44	1	301
6/44	1	300
7/44	1	299
8/44	1	298
9/44	1	297
10/44	1	296
11/44	0	295
12/44	0	294
TOT/44	6	3595
1/45	0	293
2/45	0	292
3/45	0	291
4/45	0	290
5/45	0	289
6/45	0	288
7/45	0	287
8/45	0	286
9/45	0	285
10/45	0	284
11/45	0	283
12/45	0	282
TOT/45	0	3446
1/46	0	281
2/46	0	280
3/46	0	279
4/46	0	278
5/46	0	277
6/46	0	276
7/46	0	275
8/46	0	274
9/46	0	273
10/46	0	272
11/46	0	271
12/46	0	270
TOT/46	0	3303
TOTAL	3444	581869

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:24
PAGE: 1
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	0
1/47	0	269
2/47	0	268
3/47	0	267
4/47	0	266
5/47	0	265
6/47	0	264
7/47	0	263
8/47	0	262
9/47	0	261
10/47	0	261
11/47	0	260
12/47	0	259
TOT/47	0	3166
1/48	0	258
2/48	0	257
3/48	0	256
4/48	0	255
5/48	0	254
6/48	0	253
7/48	0	252
8/48	0	252
9/48	0	251
10/48	0	250
11/48	0	249
12/48	0	248
TOT/48	0	3035
1/49	0	247
2/49	0	246
3/49	0	245
4/49	0	245
5/49	0	244
6/49	0	243
7/49	0	242
8/49	0	241
9/49	0	240
10/49	0	239
11/49	0	239
12/49	0	238
TOT/49	0	2909
TOTAL	0	9109

JICARILLA APACHE WELL NO. 13E
 API NO. 30039224460000
 FIELD
 RIO ARBA COUNTY , NM

DATE: 05/22/96
 TIME: 14:08:25
 PAGE: 2
 NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	9109
1/50	0	237
2/50	0	236
3/50	0	235
4/50	0	234
5/50	0	234
6/50	0	233
7/50	0	232
8/50	0	231
9/50	0	230
10/50	0	229
11/50	0	229
12/50	0	228
TOT/50	0	2788
1/51	0	227
2/51	0	226
3/51	0	225
4/51	0	225
5/51	0	224
6/51	0	223
7/51	0	222
8/51	0	221
9/51	0	221
10/51	0	220
11/51	0	219
12/51	0	218
TOT/51	0	2672
1/52	0	218
2/52	0	217
3/52	0	216
4/52	0	215
5/52	0	215
6/52	0	214
7/52	0	213
8/52	0	212
9/52	0	212
10/52	0	211
11/52	0	210
12/52	0	209
TOT/52	0	2561
TOTAL	0	17130

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:26
PAGE: 3
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	17130
1/53	0	209
2/53	0	208
3/53	0	207
4/53	0	206
5/53	0	206
6/53	0	205
7/53	0	204
8/53	0	203
9/53	0	203
10/53	0	202
11/53	0	201
12/53	0	201
TOT/53	0	2455
1/54	0	200
2/54	0	199
3/54	0	199
4/54	0	198
5/54	0	197
6/54	0	196
7/54	0	196
8/54	0	195
9/54	0	194
10/54	0	194
11/54	0	193
12/54	0	192
TOT/54	0	2353
1/55	0	192
2/55	0	191
3/55	0	190
4/55	0	190
5/55	0	189
6/55	0	188
7/55	0	188
8/55	0	187
9/55	0	186
10/55	0	186
11/55	0	185
12/55	0	184
TOT/55	0	2255
TOTAL	0	24193

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:27
PAGE: 4
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	24193
1/56	0	184
2/56	0	183
3/56	0	182
4/56	0	182
5/56	0	181
6/56	0	180
7/56	0	180
8/56	0	179
9/56	0	179
10/56	0	178
11/56	0	177
12/56	0	177
TOT/56	0	2162
1/57	0	176
2/57	0	175
3/57	0	175
4/57	0	174
5/57	0	174
6/57	0	173
7/57	0	172
8/57	0	172
9/57	0	171
10/57	0	171
11/57	0	170
12/57	0	169
TOT/57	0	2072
1/58	0	169
2/58	0	168
3/58	0	168
4/58	0	167
5/58	0	166
6/58	0	166
7/58	0	165
8/58	0	165
9/58	0	164
10/58	0	163
11/58	0	163
12/58	0	162
TOT/58	0	1986
TOTAL	0	30413

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:27
PAGE: 5
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
-----	-----	-----
PRIOR	0	30413
1/59	0	162
2/59	0	161
3/59	0	161
4/59	0	160
5/59	0	159
6/59	0	159
7/59	0	158
8/59	0	158
9/59	0	157
10/59	0	157
11/59	0	156
12/59	0	156
-----	-----	-----
TOT/59	0	1904
1/60	0	155
2/60	0	154
3/60	0	154
4/60	0	153
5/60	0	153
6/60	0	152
7/60	0	152
8/60	0	151
9/60	0	151
10/60	0	150
11/60	0	150
12/60	0	149
-----	-----	-----
TOT/60	0	1825
1/61	0	149
2/61	0	148
3/61	0	148
4/61	0	147
5/61	0	146
6/61	0	146
7/61	0	145
8/61	0	145
9/61	0	144
10/61	0	144
11/61	0	143
12/61	0	143
-----	-----	-----
TOT/61	0	1749
TOTAL	0	35890

JICARILLA APACHE WELL NO. 13E
 API NO. 30039224460000
 FIELD
 RIO ARBA COUNTY , NM

DATE: 05/22/96
 TIME: 14:08:28
 PAGE: 6
 NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	35890
1/62	0	142
2/62	0	142
3/62	0	141
4/62	0	141
5/62	0	140
6/62	0	140
7/62	0	139
8/62	0	139
9/62	0	138
10/62	0	138
11/62	0	137
12/62	0	137
TOT/62	0	1676
1/63	0	136
2/63	0	136
3/63	0	136
4/63	0	135
5/63	0	135
6/63	0	134
7/63	0	134
8/63	0	133
9/63	0	133
10/63	0	132
11/63	0	132
12/63	0	131
TOT/63	0	1607
1/64	0	131
2/64	0	130
3/64	0	130
4/64	0	129
5/64	0	129
6/64	0	129
7/64	0	128
8/64	0	128
9/64	0	127
10/64	0	127
11/64	0	126
12/64	0	126
TOT/64	0	1540
TOTAL	0	40713

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:29
PAGE: 7
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	40713
1/65	0	125
2/65	0	125
3/65	0	125
4/65	0	124
5/65	0	124
6/65	0	123
7/65	0	123
8/65	0	122
9/65	0	122
10/65	0	121
11/65	0	121
12/65	0	121
TOT/65	0	1476
1/66	0	120
2/66	0	120
3/66	0	119
4/66	0	119
5/66	0	119
6/66	0	118
7/66	0	118
8/66	0	117
9/66	0	117
10/66	0	116
11/66	0	116
12/66	0	116
TOT/66	0	1415
1/67	0	115
2/67	0	115
3/67	0	114
4/67	0	114
5/67	0	114
6/67	0	113
7/67	0	113
8/67	0	112
9/67	0	112
10/67	0	112
11/67	0	111
12/67	0	111
TOT/67	0	1356
TOTAL	0	44959

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:29
PAGE: 8
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	44959
1/68	0	110
2/68	0	110
3/68	0	110
4/68	0	109
5/68	0	109
6/68	0	108
7/68	0	108
8/68	0	108
9/68	0	107
10/68	0	107
11/68	0	107
12/68	0	106
TOT/68	0	1300
1/69	0	106
2/69	0	105
3/69	0	105
4/69	0	105
5/69	0	104
6/69	0	104
7/69	0	104
8/69	0	103
9/69	0	103
10/69	0	103
11/69	0	102
12/69	0	102
TOT/69	0	1246
1/70	0	101
2/70	0	101
3/70	0	101
4/70	0	100
5/70	0	100
6/70	0	100
7/70	0	99
8/70	0	99
9/70	0	99
10/70	0	98
11/70	0	98
12/70	0	98
TOT/70	0	1194
TOTAL	0	48699

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:30
PAGE: 9
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	48699
1/71	0	97
2/71	0	97
3/71	0	97
4/71	0	96
5/71	0	96
6/71	0	96
7/71	0	95
8/71	0	95
9/71	0	95
10/71	0	94
11/71	0	94
12/71	0	94
TOT/71	0	1144
1/72	0	93
2/72	0	93
3/72	0	93
4/72	0	92
5/72	0	92
6/72	0	92
7/72	0	91
8/72	0	91
9/72	0	91
10/72	0	90
11/72	0	90
12/72	0	90
TOT/72	0	1097
1/73	0	89
2/73	0	89
3/73	0	89
4/73	0	88
5/73	0	88
6/73	0	88
7/73	0	87
8/73	0	87
9/73	0	87
10/73	0	87
11/73	0	86
12/73	0	86
TOT/73	0	1051
TOTAL	0	51992

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:30
PAGE: 10
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	51992
1/74	0	86
2/74	0	85
3/74	0	85
4/74	0	85
5/74	0	84
6/74	0	84
7/74	0	84
8/74	0	84
9/74	0	83
10/74	0	83
11/74	0	83
12/74	0	82
TOT/74	0	1008
1/75	0	82
2/75	0	82
3/75	0	81
4/75	0	81
5/75	0	81
6/75	0	81
7/75	0	80
8/75	0	80
9/75	0	80
10/75	0	80
11/75	0	79
12/75	0	79
TOT/75	0	966
1/76	0	79
2/76	0	78
3/76	0	78
4/76	0	78
5/76	0	78
6/76	0	77
7/76	0	77
8/76	0	77
9/76	0	76
10/76	0	76
11/76	0	76
12/76	0	76
TOT/76	0	926
TOTAL	0	54891

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:31
PAGE: 11
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	54891
1/77	0	75
2/77	0	75
3/77	0	75
4/77	0	75
5/77	0	74
6/77	0	74
7/77	0	74
8/77	0	74
9/77	0	73
10/77	0	73
11/77	0	73
12/77	0	73
TOT/77	0	887
1/78	0	72
2/78	0	72
3/78	0	72
4/78	0	72
5/78	0	71
6/78	0	71
7/78	0	71
8/78	0	71
9/78	0	70
10/78	0	70
11/78	0	70
12/78	0	70
TOT/78	0	851
1/79	0	69
2/79	0	69
3/79	0	69
4/79	0	69
5/79	0	68
6/79	0	68
7/79	0	68
8/79	0	68
9/79	0	67
10/79	0	67
11/79	0	67
12/79	0	67
TOT/79	0	815
TOTAL	0	57445

JICARILLA APACHE WELL NO. 13E
API NO. 30039224460000
FIELD
RIO ARBA COUNTY , NM

DATE: 05/22/96
TIME: 14:08:32
PAGE: 12
NWNM.DBS

P R O D U C T I O N F O R E C A S T

DATE	OIL / COND	GAS
PRIOR	0	57445
1/80	0	66
2/80	0	66
3/80	0	66
4/80	0	66
5/80	0	65
6/80	0	65
7/80	0	65
8/80	0	65
9/80	0	65
10/80	0	64
11/80	0	64
12/80	0	64
TOT/80	0	781
1/81	0	64
2/81	0	63
3/81	0	63
4/81	0	63
5/81	0	63
6/81	0	63
7/81	0	62
8/81	0	62
9/81	0	62
10/81	0	62
11/81	0	61
12/81	0	61
TOT/81	0	749
1/82	0	0
2/82	0	0
3/82	0	0
4/82	0	0
5/82	0	0
6/82	0	0
7/82	0	0
8/82	0	0
9/82	0	0
10/82	0	0
11/82	0	0
12/82	0	0
TOT/82	0	0
TOTAL	0	58975