

District I - (505) 393-6161
P. O. 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
District IV

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-14C
Originated 11/1/91

Submit Original
Plus 2 Copies
to appropriate
District Office

A-0313

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 OIL CONSERVATION DIVISION.

- I. Operator: Enron Oil & Gas Company OGRID #: 7377
Address: P. O. Box 2267, Midland, Texas 79702
Contact Party: Betty Gildon Phone: 915/686-3714
- II. Name of Well: Madera 33 Federal Com. #1 API #: 300528051
Location of Well: Unit Letter E, 2310 Feet from the north line and 660 feet from the west line,
Section 33, Township 24S, Range 34E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 6-3-96
Date Workover Procedures were Completed: 6-3-96
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Installed Compressor
- 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: Pitchfork Ranch Morrow
- VII. AFFIDAVIT:

State of Texas)
County of Midland) ss.

Betty Gildon being first duly sworn, upon oath states:

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.
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.

(Name)

Betty Gildon, Regulatory Analyst
(Title)

JUL 09 1997

mtj

SUBSCRIBED AND SWORN TO before me this 16th day of June, 1997.



PEGGY C. LAVINE
Notary Public, State of Texas
My Commission Expires 11-21-98

Peggy C. Lavine
Notary Public

My Commission expires: _____

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 6-3-96, 19__.

Paul J. Kline
District Supervisor, District 4
Oil Conservation Division

Date: 7/7/97

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

DATE: _____

82/

10000 100000 1e+06 1e+07 •WATER
 1 10 100 1000 •OIL/GAS
 1000 10000 100000 1e+06 •GAS
 1 10 100 1000 •OIL

MADERA 33 FED COM : 1UT : PITCHFORK RANCH

Prop 468

- ☐ •OIL /m
- ☒ •GAS /m
- ☐ •OIL/GAS
- ☐ •WATER /m

☒ RateTime
☒ Semi Log

EUR 24,120,135

Cum 23,662,493

Rem 457,642

Rem% 1.9%

Yrs 4.08

Date 3/1/1997

Act 0

Qmo 21,722

Q 21760.8

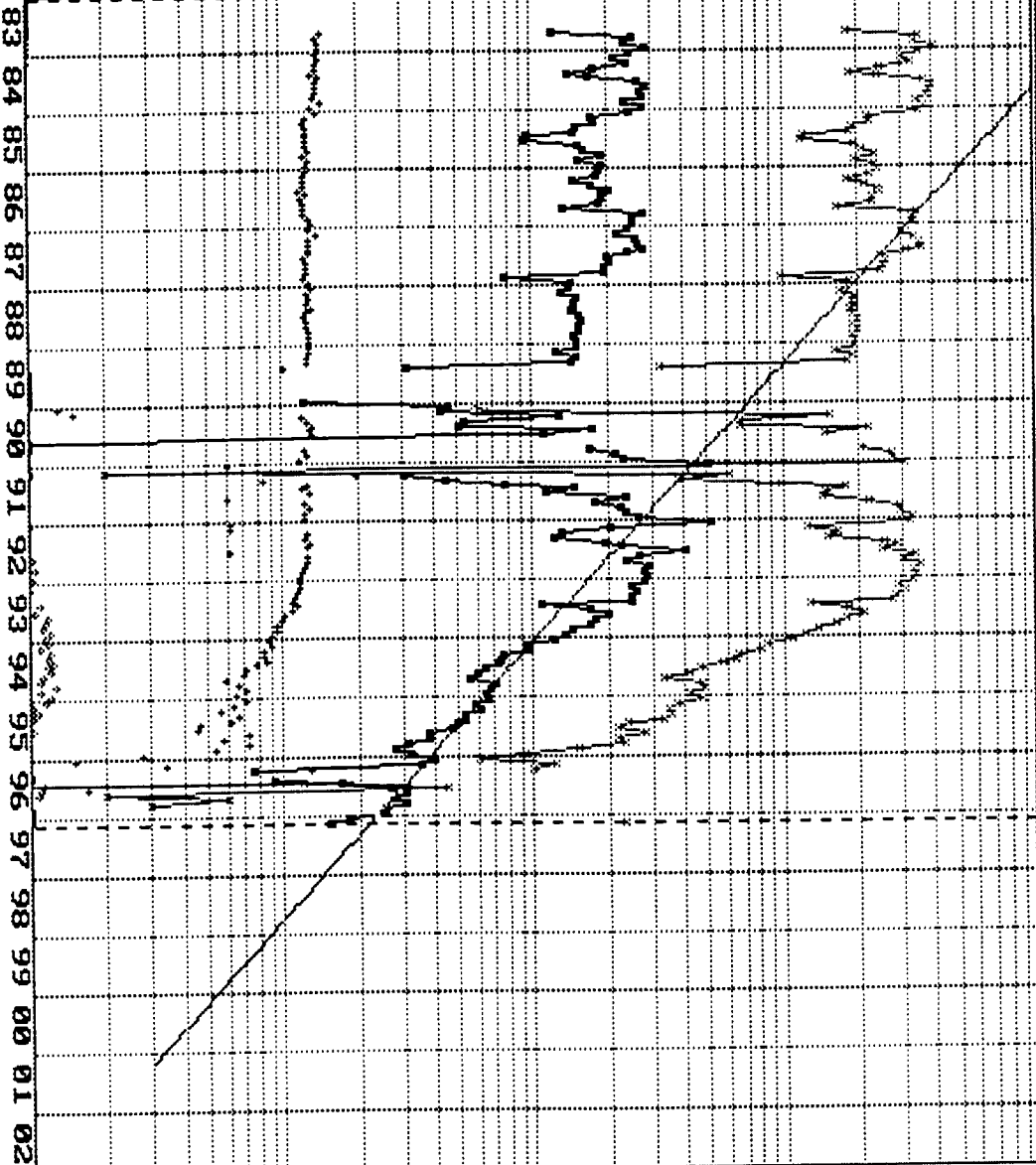
n 0

De 38.817

Qab 3024

GetQual MD97

Major = GAS



CAGE: 468 MADERA 33 FED COM 1UT
 PITCHFORK RANCH
 LEA , NM
 ENRON OIL & GAS CO

DATE: 04/14/97
 TIME: 14:11:20
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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	273424	23350070	610194	0	0.00	273,424	23,350,070	0	0
1/96	60	40225	9079	0	0.00	273,484	23,390,295	0	0
2/96	123	35575	8229	0	0.00	273,607	23,425,870	0	0
3/96	99	7682	1985	0	0.00	273,706	23,433,552	0	0
4/96	0	0	0	0	0.00	273,706	23,433,552	0	0
5/96	1	9360	3659	0	0.00	273,707	23,442,912	0	0
6/96	12	17123	11384	0	0.00	273,719	23,460,035	0	0
7/96	45	26999	10936	265957	99.63	273,764	23,487,034	111	29551
8/96	2	30964	10626	265957	99.63	273,766	23,517,998	107	28366
9/96	6	28169	9085	265957	99.63	273,772	23,546,167	102	27228
10/96	3	31304	9223	265957	99.63	273,775	23,577,471	98	26136
11/96	0	25426	7905	265957	99.63	273,775	23,602,897	94	25087
12/96	0	25693	9240	265957	99.63	273,775	23,628,590	91	24081
TOT/96	351	278520	91351	265957		273,775	23,628,590	603	160448
1/97	0	18393	6414	265957	99.63	273,775	23,646,983	87	23115
2/97	231	15510	5667	265957	99.63	274,006	23,662,493	83	22188
3/97								80	21297
4/97								77	20443
5/97								74	19623
6/97								71	18836
7/97								68	18080
8/97								65	17355
9/97								63	16659
10/97								60	15991
11/97								58	15349
12/97								55	14733
TOT/97	231	33903	12081	265957		274,006	23,662,493	841	223669
TOTAL	274006	23662493	713626	265957		274,006	23,662,493	1444	384117

CASE: 468 MADERA 33 FED COM 1UT
 PITCHFORK RANCH
 LEA , NM
 ENRON OIL & GAS CO

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	273775	23628590	701545	0	0.00	273,775	23,628,590	0	0
1/97	0	18393	6414	265957	99.63	273,775	23,646,983	87	23115
2/97	231	15510	5667	265957	99.63	274,006	23,662,493	83	22188
3/97	204	16733	6939	265957	99.63	274,210	23,679,226	80	21297
4/97	231	17398	6023	265957	99.63	274,441	23,696,624	77	20443
5/97								74	19623
6/97								71	18836
7/97								68	18080
8/97								65	17355
9/97								63	16659
10/97								60	15991
11/97								58	15349
12/97								55	14733
TOT/97	666	68034	25043	265957		274,441	23,696,624	841	223669
1/98								53	14142
2/98								51	13575
3/98								49	13030
4/98								47	12508
5/98								45	12006
6/98								43	11524
7/98								42	11062
8/98								40	10618
9/98								38	10192
10/98								37	9783
11/98								35	9391
12/98								34	9014
TOT/98	0	0	0	265957		274,441	23,696,624	515	136847
1/99								33	8653
2/99								31	8306
3/99								30	7972
4/99								29	7653
5/99								28	7346
6/99								27	7051
7/99								25	6768
8/99								24	6497
9/99								23	6236
10/99								23	5986
11/99								22	5746
12/99								21	5515
TOT/99	0	0	0	265957		274,441	23,696,624	315	83727
TOTAL	274441	23696624	726588	265957		274,441	23,696,624	1670	444243

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 PITCHFORK RANCH
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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	274441	23696624	726588	265957	99.63	274,441	23,696,624	1670	444243
1/00								20	5294
2/00								19	5082
3/00								18	4878
4/00								18	4682
5/00								17	4494
6/00								16	4314
7/00								16	4141
8/00								15	3975
9/00								14	3815
10/00								14	3662
11/00								13	3515
12/00								13	3374
TOT/00	0	0	0	265957		274,441	23,696,624	193	51227
1/01								12	3239
2/01								12	3109
3/01								11	2984
4/01								11	2865
5/01								10	2750
6/01								10	2639
7/01								10	2534
8/01								9	2432
9/01								9	2334
10/01								8	2241
11/01								8	2151
12/01								8	2065
TOT/01	0	0	0	265957		274,441	23,696,624	118	31342
1/02								7	1982
2/02								7	1902
3/02								7	1826
4/02								7	1753
5/02								6	1682
6/02								6	1615
7/02								6	1550
8/02								6	1488
9/02								5	1428
10/02								5	1371
11/02								5	1316
12/02								5	1263
TOT/02	0	0	0	265957		274,441	23,696,624	72	19176
TOTAL	274441	23696624	726588	265957		274,441	23,696,624	2053	545988

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PITCHFORK RANCH
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ENRON OIL & GAS CO

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	274441	23696624	726588	265957	99.63	274,441	23,696,624	2053	545988
1/03								5	1212
2/03								4	1164
3/03								4	1117
4/03								4	1072
5/03								4	1029
6/03								4	988
7/03								4	948
8/03								3	910
9/03								3	874
10/03								3	839
11/03								3	805
12/03								3	773
TOT/03	0	0	0	265957		274,441	23,696,624	44	11732
1/04								3	742
2/04								3	712
3/04								3	684
4/04								2	656
5/04								2	630
6/04								2	605
7/04								2	580
8/04								2	557
9/04								2	535
10/04								2	513
11/04								2	493
12/04								2	473
TOT/04	0	0	0	265957		274,441	23,696,624	27	7178
1/05								2	454
2/05								2	436
3/05								2	418
4/05								2	401
5/05								1	385
6/05								1	370
7/05								1	355
8/05								1	341
9/05								1	327
10/05								1	314
11/05								1	301
12/05								1	289
TOT/05	0	0	0	265957		274,441	23,696,624	17	4392
TOTAL	274441	23696624	726588	265957		274,441	23,696,624	2141	569291

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 PITCHFORK RANCH
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PRODUCTION LEDGER

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	274441	23696624	726588	265957	99.63	274,441	23,696,624	2141	569291
1/06								1	278
2/06								1	267
3/06								1	256
4/06								1	246
5/06								1	236
6/06								1	226
7/06								1	217
8/06								1	208
9/06								1	200
10/06								1	192
11/06								1	184
12/06								1	177
TOT/06	0	0	0	265957		274,441	23,696,624	10	2687
1/07								1	170
2/07								1	163
3/07								1	157
4/07								1	150
5/07								1	144
6/07								1	138
7/07								0	133
8/07								0	128
9/07								0	122
10/07								0	118
11/07								0	113
12/07								0	108
TOT/07	0	0	0	265957		274,441	23,696,624	6	1644
1/08								0	104
2/08								0	100
3/08								0	96
4/08								0	92
5/08								0	88
6/08								0	85
7/08								0	81
8/08								0	78
9/08								0	75
10/08								0	72
11/08								0	69
12/08								0	66
TOT/08	0	0	0	265957		274,441	23,696,624	4	1006
TOTAL	274441	23696624	726588	265957		274,441	23,696,624	2161	574628

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PITCHFORK RANCH
LEA , NM
ENRON OIL & GAS CO

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	274441	23696624	726588	265957	99.63	274,441	23,696,624	2161	574628
1/09								0	64
2/09								0	61
3/09								0	59
4/09								0	56
5/09								0	54
6/09								0	52
7/09								0	50
8/09								0	48
9/09								0	46
10/09								0	44
11/09								0	42
12/09								0	41
TOT/09	0	0	0	265957		274,441	23,696,624	2	615
1/10								0	39
2/10								0	37
3/10								0	36
4/10								0	34
5/10								0	33
6/10								0	32
7/10								0	30
8/10								0	29
9/10								0	28
10/10								0	27
11/10								0	26
12/10								0	25
TOT/10	0	0	0	265957		274,441	23,696,624	1	377
1/11								0	24
2/11								0	23
3/11								0	22
4/11								0	21
5/11								0	20
6/11								0	19
7/11								0	19
8/11								0	18
9/11								0	17
10/11								0	16
11/11								0	16
12/11								0	15
TOT/11	0	0	0	265957		274,441	23,696,624	1	230
TOTAL	274441	23696624	726588	265957		274,441	23,696,624	2165	575850

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 PITCHFORK RANCH
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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	274441	23696624	726588	265957	99.63	274,441	23,696,624	2165	575850
1/12								0	15
2/12								0	14
3/12								0	13
4/12								0	13
5/12								0	12
6/12								0	12
7/12								0	11
8/12								0	11
9/12								0	10
10/12								0	10
11/12								0	10
12/12								0	9
TOT/12	0	0	0	265957		274,441	23,696,624	1	141
1/13								0	9
2/13								0	9
3/13								0	8
4/13								0	8
5/13								0	8
6/13								0	7
7/13								0	7
8/13								0	7
9/13								0	6
10/13								0	6
11/13								0	6
12/13								0	6
TOT/13	0	0	0	265957		274,441	23,696,624	0	86
1/14								0	5
2/14								0	5
3/14								0	5
4/14								0	5
5/14								0	5
6/14								0	4
7/14								0	4
8/14								0	4
9/14								0	4
10/14								0	4
11/14								0	4
12/14								0	3
TOT/14	0	0	0	265957		274,441	23,696,624	0	53
TOTAL	274441	23696624	726588	265957		274,441	23,696,624	2166	576130

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P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF	FORECAST OIL	FORECAST GAS
PRIOR	274441	23696624	726588	265957	99.63	274,441	23,696,624	2166	576130
1/15								0	3
2/15								0	3
3/15								0	3
4/15								0	3
5/15								0	3
6/15								0	3
7/15								0	3
8/15								0	3
9/15								0	2
10/15								0	2
11/15								0	2
12/15								0	2
TOT/15	0	0	0	265957		274,441	23,696,624	0	32
1/16								0	2
2/16								0	2
3/16								0	2
4/16								0	2
5/16								0	2
6/16								0	2
7/16								0	2
8/16								0	2
9/16								0	1
10/16								0	1
11/16								0	1
12/16								0	1
TOT/16	0	0	0	265957		274,441	23,696,624	0	20
1/17								0	1
2/17								0	1
3/17								0	1
4/17								0	1
5/17								0	1
6/17								0	1
7/17								0	0
8/17								0	0
9/17								0	0
10/17								0	0
11/17								0	0
12/17								0	0
TOT/17	0	0	0	265957		274,441	23,696,624	0	7
TOTAL	274441	23696624	726588	265957		274,441	23,696,624	2166	576189