

AUG 19 1996

STATE OF NEW MEXICO - TAXATION AND REVENUE DEPARTMENT

WELL WORKOVER PROJECT APPLICATION AND REPORTING INSTRUCTIONS

(FORM RPD-41171)

Name of Individual, Firm or Organization ENRON OIL & GAS COMPANY		OGRID Number (for Tax Filer) 007377	
Contact DAWN P. DERR		Telephone Number (713) 853-7775	
Mailing Address P.O. BOX 4362			
City HOUSTON		State TEXAS	Zip Code 77210-4362
Check one: <input checked="" type="checkbox"/> Well Operator <input type="checkbox"/> Working Interest Owner <input type="checkbox"/> Purchaser			

Madera 29 Federal #4065

PUN

POOL NAME

API NUMBER

PRODUCT KIND

(PLEASE CHECK ALL THAT APPLY)

1047118
PITCHFORK RANCH MORROW
30 025 27997
<input checked="" type="checkbox"/> NATURAL GAS <input checked="" type="checkbox"/> OIL

82930

F2540

PLEASE ATTACH A COPY OF THE OIL CONSERVATION DIVISION'S APPLICATION FOR QUALIFICATION OF WELL
WORKOVER PROJECT AND CERTIFICATION OF APPROVAL.

FOR DEPARTMENT USE ONLY

CERTIFICATION OF APPROVAL TO USE WELL WORKOVER INCENTIVE TAX RATE

The New Mexico Taxation and Revenue Department is approving the use of the reduced severance tax rate for the above well completion based on the information that you have provided. This Department reserves the right to determine compliance with the provisions of the Natural Gas and Crude Oil Production Incentive Act.

Approval for use of the reduced severance tax rate begins with sales month

01/96

Please use Special Tax Rate Code 04 on your Form(s) OGT-2 as it applies to the specific well completion and Production Unit Number listed above.

Approved by 	Date 8-26-96
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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-140
Originated 11/1/92

Submit Original
Plus 2 Copies
to appropriate
District Office

03/15/99-AMENDED PRODUCTION FORECAST

H-0079

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 29 Federal No. 1 API #: 30 025 27997
Location of Well: Unit Letter J, 1980 Feet from the south line and 1650 feet from the east line,
Section 29, Township 24S, Range 34E, NMPM, Lea County

III. Date Workover Procedures Commenced: December 8, 1995
Date Workover Procedures were Completed: December 20, 1995

IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
Attached

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.
Attached

VI. Pool(s) on which Production Projection is based:
Pitchfork Ranch Morrow

VII. AFFIDAVIT:

State of Texas)
) ss.
County of Midland)

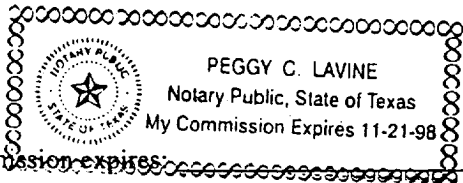
Betty Gildon, being first duly sworn, upon oath states:

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.

Betty Gildon
(Name) Betty Gildon

Regulatory Analyst
(Title)

SUBSCRIBED AND SWORN TO before me this 22nd day of July, 1996



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 _____, 19__.

Orig. Signed by
Paul Kautz
Geologist

District Supervisor, District ____
Oil Conservation Division

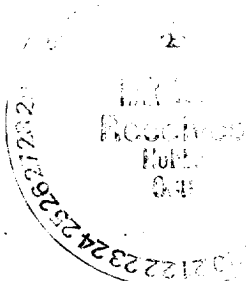
JUL 29 1996

Date: _____

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

DATE: _____

*Revised by Kautz
7/25/99*



Madera 29 Fed. No. 1

REVISED 03/15/99

Production Projection Before Workover

Base Rate at WO on 12/95

Decline(exp)

Oil 0 BOPM

0 %/yr

Gas 9900 mcf/mo

34 %/yr

Date	Oil BOPM	Gas MCF/Mo
Dec-95	0.0	9900.0
Jan-96	0.0	9623.4
Feb-96	0.0	9354.6
Mar-96	0.0	9093.3
Apr-96	0.0	8839.2
May-96	0.0	8592.3
Jun-96	0.0	8352.3
Jul-96	0.0	8119.0
Aug-96	0.0	7892.1
Sep-96	0.0	7671.7
Oct-96	0.0	7457.4
Nov-96	0.0	7249.0
Dec-96	0.0	7046.5
Jan-97	0.0	6849.7
Feb-97	0.0	6658.3
Mar-97	0.0	6472.3
Apr-97	0.0	6291.5
May-97	0.0	6115.8
Jun-97	0.0	5944.9
Jul-97	0.0	5778.8
Aug-97	0.0	5617.4
Sep-97	0.0	5460.5
Oct-97	0.0	5307.9
Nov-97	0.0	5159.6
Dec-97	0.0	5015.5
Jan-98	0.0	4875.4
Feb-98	0.0	4739.2
Mar-98	0.0	4606.8
Apr-98	0.0	4478.1
May-98	0.0	4353.0
Jun-98	0.0	4231.4
Jul-98	0.0	4113.2
Aug-98	0.0	3998.3
Sep-98	0.0	3886.6
Oct-98	0.0	3778.0
Nov-98	0.0	3672.5
Dec-98	0.0	3569.9
Jan-99	0.0	3470.2
Feb-99	0.0	3373.2
Mar-99	0.0	3279.0
Apr-99	0.0	3187.4
May-99	0.0	3098.3
Jun-99	0.0	3011.8

Date	Oil BOPM	Gas MCF/Mo
Jul-99	0.0	2927.7
Aug-99	0.0	2845.9
Sep-99	0.0	2766.4
Oct-99	0.0	2689.1
Nov-99	0.0	2614.0
Dec-99	0.0	2540.9
Jan-00	0.0	2470.0
Feb-00	0.0	2401.0
Mar-00	0.0	2333.9
Apr-00	0.0	2268.7
May-00	0.0	2205.3
Jun-00	0.0	2143.7
Jul-00	0.0	2083.8
Aug-00	0.0	2025.6
Sep-00	0.0	1969.0
Oct-00	0.0	1914.0
Nov-00	0.0	1860.5
Dec-00	0.0	1808.6
Jan-01	0.0	1758.0
Feb-01	0.0	1708.9
Mar-01	0.0	1661.2
Apr-01	0.0	1614.8
May-01	0.0	1569.7
Jun-01	0.0	1525.8
Jul-01	0.0	1483.2
Aug-01	0.0	1441.8
Sep-01	0.0	1401.5
Oct-01	0.0	1362.3
Nov-01	0.0	1324.3
Dec-01	0.0	1287.3
Jan-02	0.0	1251.3
Feb-02	0.0	1216.4
Mar-02	0.0	1182.4
Apr-02	0.0	1149.4
May-02	0.0	1117.2
Jun-02	0.0	1086.0
Jul-02	0.0	1055.7
Aug-02	0.0	1026.2
Sep-02	0.0	997.5
Oct-02	0.0	969.7
Nov-02	0.0	942.6
Dec-02	0.0	916.3
Jan-03	0.0	890.7

Date	Oil BOPM	Gas MCF/Mo
Feb-03	0.0	865.8
Mar-03	0.0	841.6
Apr-03	0.0	818.1
May-03	0.0	795.2
Jun-03	0.0	773.0
Jul-03	0.0	751.4
Aug-03	0.0	730.4
Sep-03	0.0	710.0
Oct-03	0.0	690.2
Nov-03	0.0	670.9
Dec-03	0.0	652.2
Jan-04	0.0	633.9
Feb-04	0.0	616.2
Mar-04	0.0	599.0
Apr-04	0.0	582.3
May-04	0.0	566.0
Jun-04	0.0	550.2
Jul-04	0.0	534.8
Aug-04	0.0	519.9
Sep-04	0.0	505.4
Oct-04	0.0	491.3
Nov-04	0.0	477.5
Dec-04	0.0	464.2
Jan-05	0.0	451.2
Feb-05	0.0	438.6
Mar-05	0.0	426.4
Apr-05	0.0	414.5
May-05	0.0	402.9
Jun-05	0.0	391.6
Jul-05	0.0	380.7
Aug-05	0.0	370.0
Sep-05	0.0	359.7
Oct-05	0.0	349.7
Nov-05	0.0	339.9
Dec-05	0.0	330.4
Jan-06	0.0	321.2
Feb-06	0.0	312.2
Mar-06	0.0	303.5
Apr-06	0.0	295.0
May-06	0.0	286.8
Jun-06	0.0	278.7
Jul-06	0.0	271.0
Aug-06	0.0	263.4

Madera 29 Fed. No. 1

Production Projection Before Workover Continued

Date	Oil BOPM	Gas MCF/Mo
Sep-06	0.0	256.0
Oct-06	0.0	248.9
Nov-06	0.0	241.9
Dec-06	0.0	235.2
Jan-07	0.0	228.6
Feb-07	0.0	222.2
Mar-07	0.0	216.0
Apr-07	0.0	210.0
May-07	0.0	204.1
Jun-07	0.0	198.4
Jul-07	0.0	192.9
Aug-07	0.0	187.5
Sep-07	0.0	182.2
Oct-07	0.0	177.1
Nov-07	0.0	172.2
Dec-07	0.0	167.4
Jan-08	0.0	162.7
Feb-08	0.0	158.2
Mar-08	0.0	153.7
Apr-08	0.0	149.4
May-08	0.0	145.3
Jun-08	0.0	141.2
Jul-08	0.0	137.3
Aug-08	0.0	133.4
Sep-08	0.0	129.7
Oct-08	0.0	126.1
Nov-08	0.0	122.6
Dec-08	0.0	119.1
Jan-09	0.0	115.8
Feb-09	0.0	112.6
Mar-09	0.0	109.4
Apr-09	0.0	106.4
May-09	0.0	103.4
Jun-09	0.0	100.5
Jul-09	0.0	97.7
Aug-09	0.0	95.0
Sep-09	0.0	92.3
Oct-09	0.0	89.7
Nov-09	0.0	87.2
Dec-09	0.0	84.8
Jan-10	0.0	82.4
Feb-10	0.0	80.1
Mar-10	0.0	77.9
Apr-10	0.0	75.7
May-10	0.0	73.6
Jun-10	0.0	71.5

Date	Oil BOPM	Gas MCF/Mo
Jul-10	0.0	69.5
Aug-10	0.0	67.6
Sep-10	0.0	65.7
Oct-10	0.0	63.9
Nov-10	0.0	62.1
Dec-10	0.0	60.4
Jan-11	0.0	58.7
Feb-11	0.0	57.0
Mar-11	0.0	55.4
Apr-11	0.0	53.9
May-11	0.0	52.4
Jun-11	0.0	50.9
Jul-11	0.0	49.5
Aug-11	0.0	48.1
Sep-11	0.0	46.8
Oct-11	0.0	45.5
Nov-11	0.0	44.2
Dec-11	0.0	43.0
Jan-12	0.0	41.8
Feb-12	0.0	40.6
Mar-12	0.0	39.5
Apr-12	0.0	38.4
May-12	0.0	37.3
Jun-12	0.0	36.2
Jul-12	0.0	35.2
Aug-12	0.0	34.2
Sep-12	0.0	33.3
Oct-12	0.0	32.4
Nov-12	0.0	31.5
Dec-12	0.0	30.6
Jan-13	0.0	29.7
Feb-13	0.0	28.9
Mar-13	0.0	28.1
Apr-13	0.0	27.3
May-13	0.0	26.5
Jun-13	0.0	25.8
Jul-13	0.0	25.1
Aug-13	0.0	24.4
Sep-13	0.0	23.7
Oct-13	0.0	23.0
Nov-13	0.0	22.4
Dec-13	0.0	21.8
Jan-14	0.0	21.2
Feb-14	0.0	20.6
Mar-14	0.0	20.0
Apr-14	0.0	19.4

Date	Oil BOPM	Gas MCF/Mo
May-14	0.0	18.9
Jun-14	0.0	18.4
Jul-14	0.0	17.8
Aug-14	0.0	17.4
Sep-14	0.0	16.9
Oct-14	0.0	16.4
Nov-14	0.0	15.9
Dec-14	0.0	15.5
Jan-15	0.0	15.1
Feb-15	0.0	14.6
Mar-15	0.0	14.2
Apr-15	0.0	13.8
May-15	0.0	13.4
Jun-15	0.0	13.1
Jul-15	0.0	12.7
Aug-15	0.0	12.3
Sep-15	0.0	12.0
Oct-15	0.0	11.7
Nov-15	0.0	11.3
Dec-15	0.0	11.0
Jan-16	0.0	10.7
Feb-16	0.0	10.4
Mar-16	0.0	10.1
Apr-16	0.0	9.8
May-16	0.0	9.6
Jun-16	0.0	9.3
Jul-16	0.0	9.0
Aug-16	0.0	8.8
Sep-16	0.0	8.5
Oct-16	0.0	8.3
Nov-16	0.0	8.1
Dec-16	0.0	7.8
Jan-17	0.0	7.6
Feb-17	0.0	7.4
Mar-17	0.0	7.2
Apr-17	0.0	7.0
May-17	0.0	6.8
Jun-17	0.0	6.6
Jul-17	0.0	6.4
Aug-17	0.0	6.3
Sep-17	0.0	6.1
Oct-17	0.0	5.9
Nov-17	0.0	5.7
Dec-17	0.0	5.6
Jan-18	0.0	5.4
Feb-18	0.0	5.3

Madera 29 Fed. No. 1

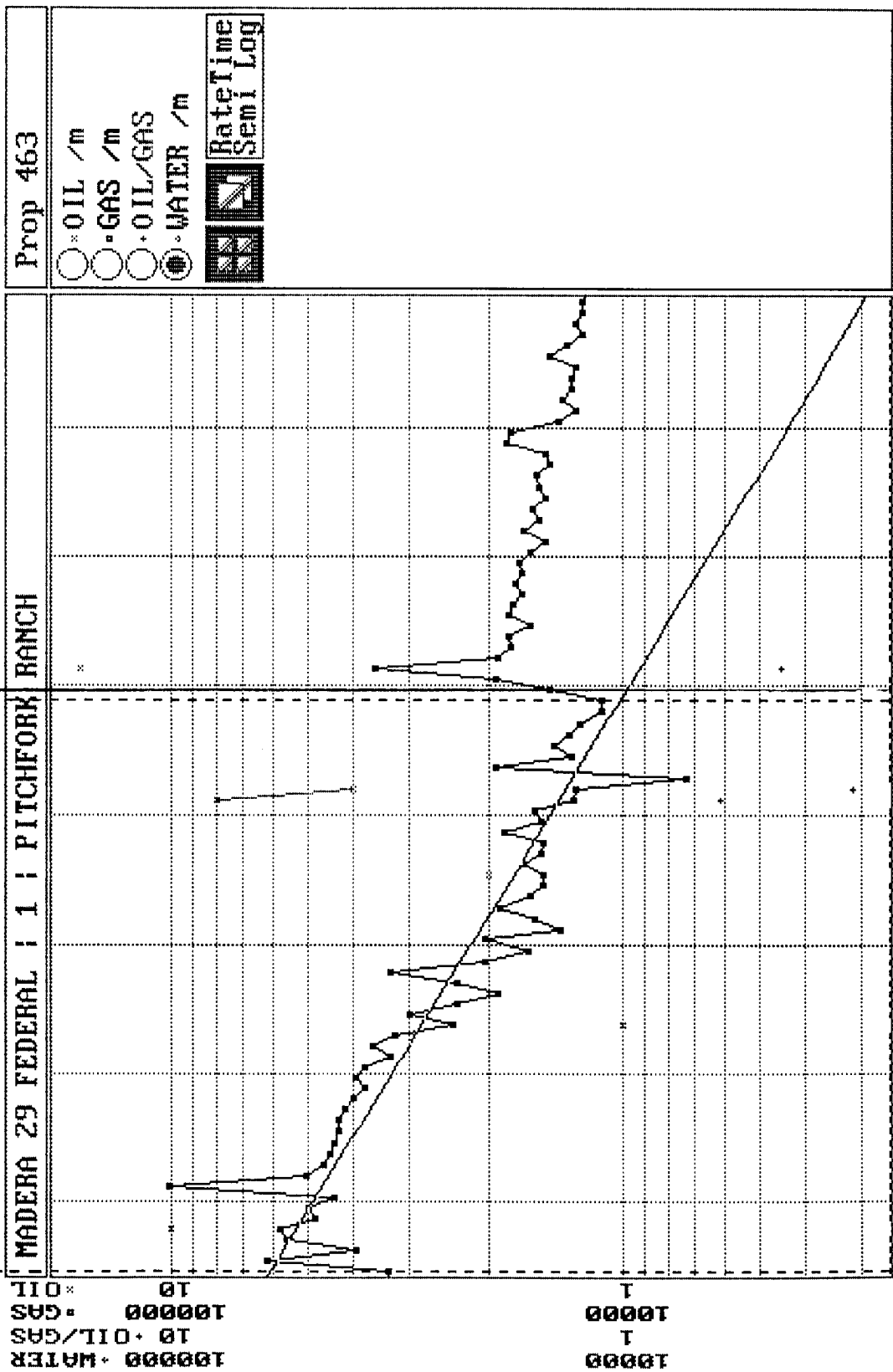
Production Projection Before Workover Continued

Date	Oil BOPM	Gas MCF/Mo
Mar-18	0.0	5.1
Apr-18	0.0	5.0
May-18	0.0	4.8
Jun-18	0.0	4.7
Jul-18	0.0	4.6
Aug-18	0.0	4.5
Sep-18	0.0	4.3
Oct-18	0.0	4.2
Nov-18	0.0	4.1
Dec-18	0.0	4.0
Jan-19	0.0	3.9
Feb-19	0.0	3.8
Mar-19	0.0	3.7
Apr-19	0.0	3.6
May-19	0.0	3.5
Jun-19	0.0	3.4
Jul-19	0.0	3.3
Aug-19	0.0	3.2
Sep-19	0.0	3.1
Oct-19	0.0	3.0
Nov-19	0.0	2.9
Dec-19	0.0	2.8
Jan-20	0.0	2.8
Feb-20	0.0	2.7
Mar-20	0.0	2.6
Apr-20	0.0	2.5
May-20	0.0	2.5
Jun-20	0.0	2.4
Jul-20	0.0	2.3
Aug-20	0.0	2.3
Sep-20	0.0	2.2
Oct-20	0.0	2.1
Nov-20	0.0	2.1
Dec-20	0.0	2.0
Jan-21	0.0	2.0
Feb-21	0.0	1.9
Mar-21	0.0	1.9
Apr-21	0.0	1.8
May-21	0.0	1.7
Jun-21	0.0	1.7
Jul-21	0.0	1.7
Aug-21	0.0	1.6
Sep-21	0.0	1.6
Oct-21	0.0	1.5
Nov-21	0.0	1.5
Dec-21	0.0	1.4

Date	Oil BOPM	Gas MCF/Mo
Jan-22	0.0	1.4
Feb-22	0.0	1.4
Mar-22	0.0	1.3
Apr-22	0.0	1.3
May-22	0.0	1.2
Jun-22	0.0	1.2
Jul-22	0.0	1.2
Aug-22	0.0	1.1
Sep-22	0.0	1.1
Oct-22	0.0	1.1
Nov-22	0.0	1.0
Dec-22	0.0	1.0
Jan-23	0.0	1.0
Feb-23	0.0	1.0
Mar-23	0.0	0.0

Base Prod. Proj. Data

Workover



Major = GAS

MADERA 29 FEDERAL NO. 1
1,980' FSL & 1,650' FEL
Sec 29, T24S-R34E
LEA Co., NM
Spud Date: 01/21/83

ENRON OIL & GAS COMPANY
DEV W/O: 15,290' MORROW
PITCHFORK RANCH Field
EOG%: 59.4241% WI 51.9961% NRI
AFE No.: 10-0897
DHC: 0; CWC: 61,700

12/08/95 11-1/2 hrs RU HES coil tbg unit. Ran 1-3/4" coil tbg to 14,885'. Hung off in 2-8/16" x 10,000 flange. (Well flowing during TIH w/coil tbg to a depth of 12,800'). Opened flow from tbg - coil tbg annulus to tank to unload fluid. Left open to tank. Pressure coil tbg to 1300 psig w/N2 to pump out tbg plug. DWC \$16,682. CWC \$16,682.

12/09/95 24 hrs CT x 2-7/8" tbg annulus to tank. Rec 8 BW, FCTP 265 psi, annu press 400 psi, LP 160, 64/64" chk, put on line. CWC \$16,682.

12/10/95 Well on line 16 hrs, gas sales 1-1/2 hrs. 1 MCF, 240 psi coil tbg, 625 psi annu tbg, 250 psi LP, 64/64" chk. Opened coil tbg to tank. CWC \$16,682.

12/11/95 24 hrs blow CT to tank on a 64/64" chk, 40 psi, recovered 2 BW, CT annulus pores 600 psi. SI CT & opened CT annulus to tank. CWC \$16,682.

12/12/95 Blew 2-7/8" tbg to tank 24 hrs, coil tbg to sales. BW 3, coil tbg 300, annu tbg 40, 64/64" chk. CWC \$16,682.

12/13/95 24 hrs flow, 662 MCF, 1 BW, 260 psi col tbg flowing pressure, 550 psi annulus ct pressure, 250 LP, 64/64" chk. CWC \$16,682.

12/14/95 24 hrs flow, 662 MCF, 3 BW, 260 coil tbg, 550 annu tbg, 250 LP, 64/64" chk. CWC \$16,682.

12/15/95 24 hrs flow, 632 MCF, 2 BW, 270 coil tbg, 550 annu tbg, 280 LP, 64/64" chk. CWC \$16,682.

12/16/95 24 hrs flow, 650 MCF, 3 BW, 290 coil tbg, 550 annu tbg, 280 LP, 64/64" chk. CWC \$16,682.

12/17/95 24 hrs flow, 631 MCF, 3 BW, 280 coil tbg, 550 annu tbg, 270 LP, 64/64" chk. CWC \$16,682.

12/18/95 24 hrs flow, 618 MCF, 2 BW, 280 psi coil tbg flowing pressure, 550 psi. SI CT annulus, 270 LP, 64/64" chk. CWC \$16,682.

12/19/95 24 hrs flow, 600 MCF, 270 psi coil tbg, 550 psi CT annulus, 265 LP, 64/64" chk. CWC \$16,682.

12/20/95 24 hrs flow, 606 MCF, 280 psi coil tbg, 280 psi CT annulus, 265 LP, 64/64" chk. CWC \$16,682.

12/21/95 24 hrs flow, 612 MCF, 3 BW, 275 psi coil tbg, 550 psi CT tbg, 270 LP, 64/64" chk. CWC \$16,682.