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 - (505) 827-7131

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

OIL CONSERVATION DIVISION
RECEIVED
'95 JUL 24 AM 8 52

Form C-139
Originated 11/1/95
Submit Original
Plus 2 Copies
to appropriate
District Office

H-0041

APPLICATION FOR
QUALIFICATION OF PRODUCTION RESTORATION PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION 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: Government L Com. #1 API #: 30 025 050100

Location of Well:
Unit Letter G, 1980 Feet from the north line and 1980 feet from the east line, Section 18,
Township 24S, Range 34E, NMPM, Lea County

III. Previous Producing Pool Name: Bell Lake, South Morrow

IV. Describe the process used to return the Well to production. (Attach additional information if necessary):
Fracture Stimulation

V. Date the Production Restoration Project was commenced: 6/17/95 (date of fracture treatment)
Date the Well was returned to production: 6/27/95

VI. Identify the Oil Conservation Division records which show the Well had thirty (30) days or less production between January 1, 1993 and December 31, 1994:

[X] Ongard inactive well list; or [ ] OCD Form C-115 (Operator's Monthly Report)

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 personal knowledge of the facts contained in this Application for Qualification of a Production Restoration Project.

3. The data utilized to prepare this application is complete and correct.

Betty Gildon
(Name)

Regulatory Analyst

SUBSCRIBED AND SWORN TO before me this 18th day of June, 1996

Peggy C. Lavine
Notary Public

My Commission expires:

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

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of a Production Restoration Project is hereby approved and the above referenced Well is designated as a Production Restoration Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). 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 production was restored in this Production Restoration Project on:

6/27/95, 19__.

District Supervisor, District 1 Geologist
Oil Conservation Division

Date: 7/2/96

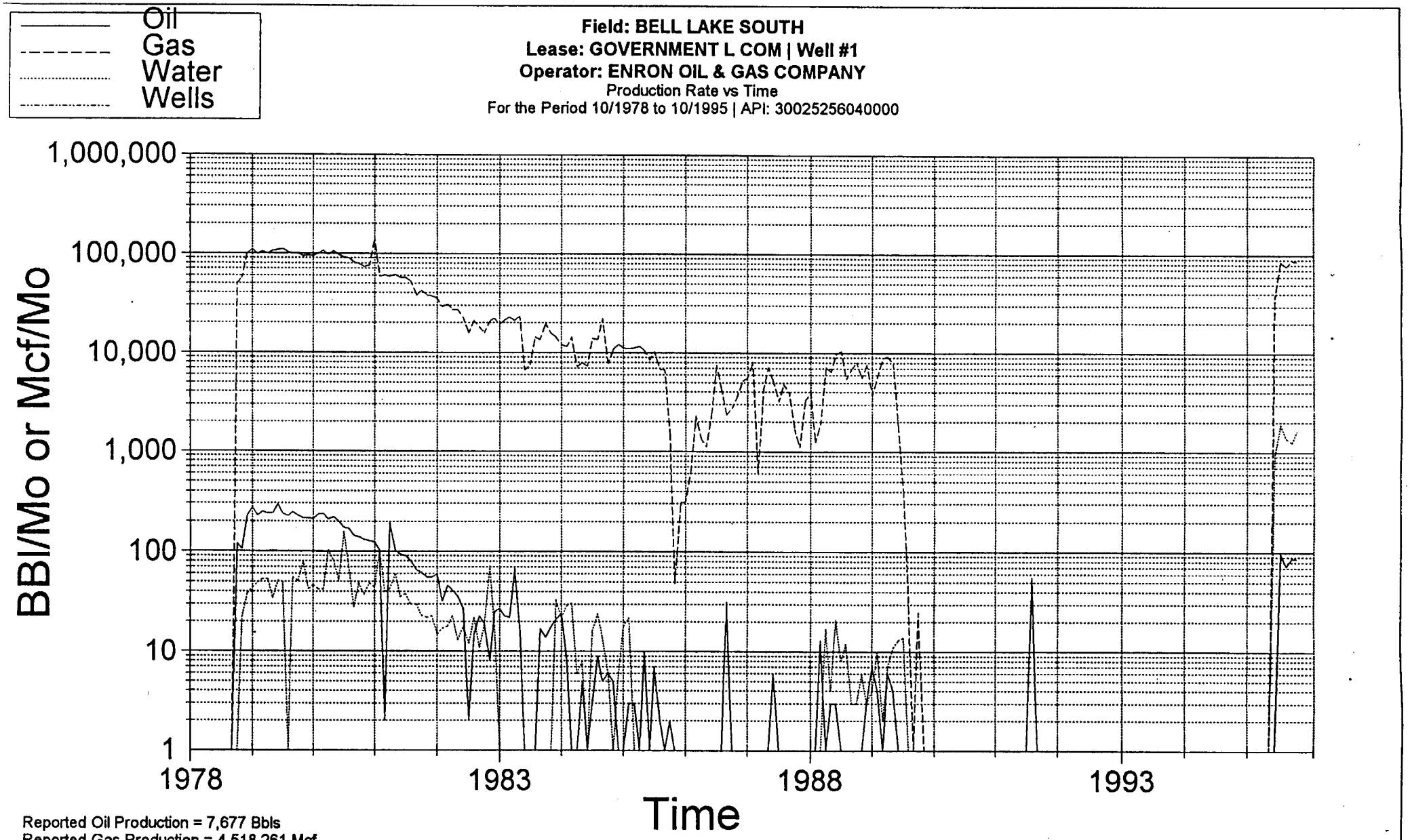
IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.
DATE: _____

JUN 1996
Received
Hobbs
OCD

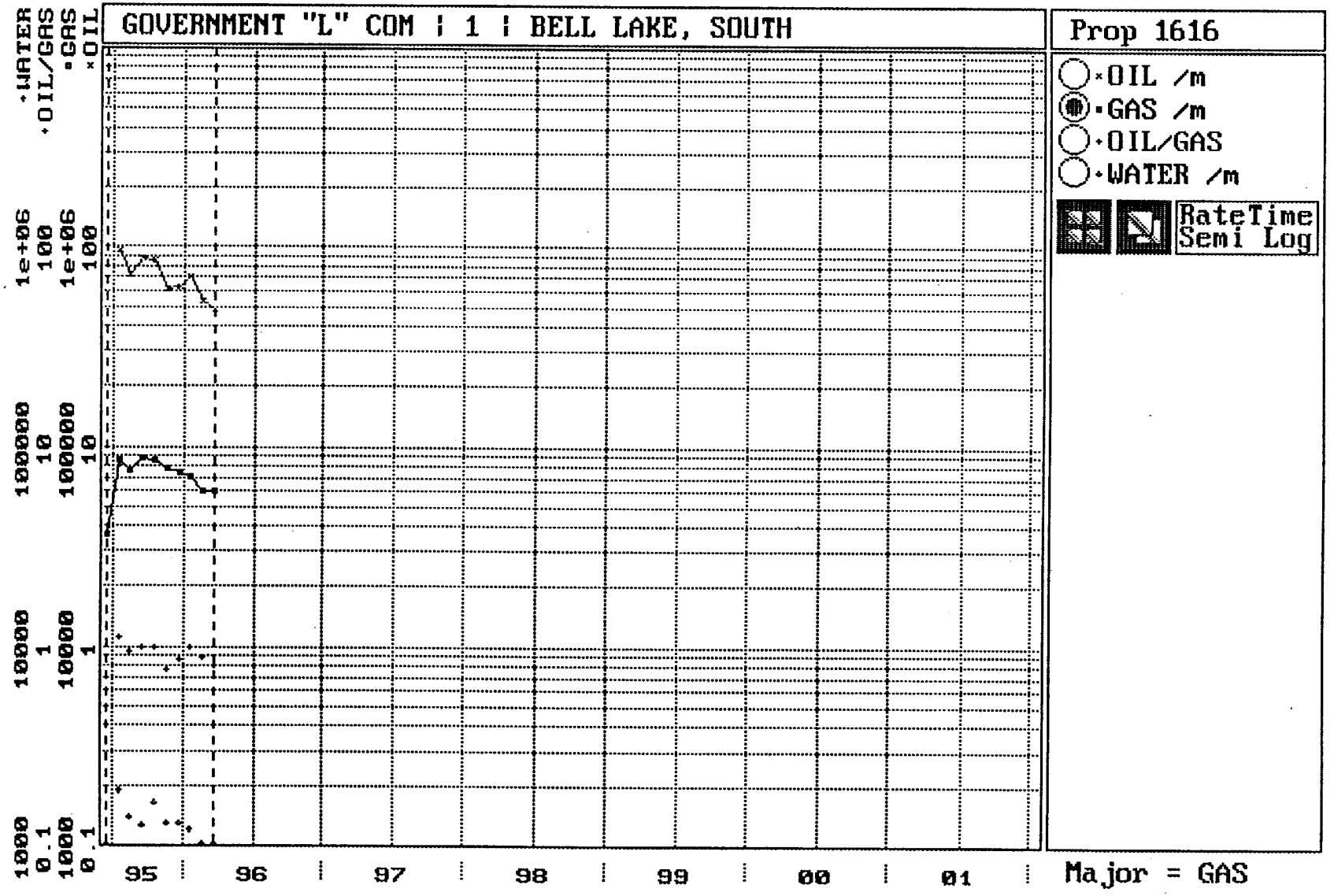
THE OILFIELD WORKSTATION
ENRON OIL & GAS COMPANY
PRODUCTION HISTORY REPORT

ea : MIDLAND DIVISION
eld : BELL LAKE SOUTH — Reservoir : MORROW
ll : GOVERNMENT "L" COM #1 (30025094241) — Property : 0942400001

ROD MM T S PM ON	DAYS	OIL PROD	OIL SOLD	GAS PROD	GAS SOLD	GAS INJ	WAT PROD	WAT INJ	WAT SUPP
1/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/93		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2/94		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals :		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



Reported Oil Production = 7,677 Bbls
Reported Gas Production = 4,518,261 Mcf
Reported Water Production = 9,602 Bbls


GOVERNMENT "L" COM | 1 | BELL LAKE, SOUTH
Prop 1616
×OIL /m
▪GAS /m
•OIL/GAS
•WATER /m
RateTime
Semi Log
•WATER
•OIL/GAS
▪GAS
×OIL
1e+06
100
1e+06
100
1000000
10
1000000
10
10000
1
10000
1
1000
0.1
1000
0.1
95
96
97
98
99
00
01
Major = GAS

GOVERNMENT L COM NO. 1
1,980' FNL & 1,980' FEL
Sec 18, T24S, R34E
LEA Co., NM
Spud Date:

ENRON OIL & GAS C ANY
DEV W/O: 15,490' MORROW

EOG%: 100.0000% WI 81.8750% NRI
AFE No.: 10-0738
DHC: 0; CWC: 176,000

06/12/95 10 hrs LD DC used in fishing. RU tbg tester. PU Otis seal assy w/bull plug and test to 9,000 psi. Removed bull plug and installed mule shoe. Ran seals and 1 jt tbg, installed profile nipple. TIH w/3-1/2" 9.3# C75 CS hydril tbg (237 jts), test to 9,000 psi using mud bucket, strapping tbg. DWC $1,775. CWC $51,435.

06/13/95 TIH w/seal assy, PU 3-1/2" 12.95# C-75 PH-6 tbg & testing to 10,000 psi (paraffin problem). DWC $2,000. CWC $53,435.

06/14/95 7-1/2 hrs finished TIH w/tbg. Worked seals into seal bore assy. ND BOP's, NU tree. Tested to 10,000 psi. Loaded annulus w/243 bbls of treated brine. DWC $18,676. CWC $72,111.

06/15/95 2-1/2 hrs install tbg protectors on 3-1/2" 12.95# C-75 PH-6 tbg (internal coated tbg). Load tbg & hauled to yard. Loaded out all rental equipment. Pumped 300 gals Xylene down tbg. 8 hrs RU CTU and N2 unit. Jetted fluid from 5,000' to 14,330' (perfs @ 14,268' - 14,284') using 450 SCFM of N2. TOH w/CT, RD. DWC $8,337. CWC $80,448.

06/16/95 Setting and filling CO2 bins, set tank and load w/FW and methanol. Prep to frac today. DWC $700. CWC $81,148.

06/17/95 3 hrs fraced Morrow sand (14,268' - 14,286') as follows:
2,000 gals Mod-101 acid, 85,000 gals 60 Quality Alco foam, carrying 30,000 lbs of 20-40 Econoprop Plus. Avg injection rate 22 BPM, max rate 25.8 BPH, avg press 7,250 psi, max press 8,995 psi. ISIP 4,412', 5 min 2,382, 10 min 1,312, 15 min 753 psi;
1,000 gal acid, 8.0 BPM, TP 44, CP 450, Mod 101 acid
2,000 gals acid, 11.9 BPM, TP 150, CP 450, Mod 101 acid
1,000 gals pre-pad, 13.7 BPM, TP 465, CP 1,250, 60% Alco foam
10,000 gals pre-pad, 23.5 BPM, TP 6,975, CP 1,450, 60% Alco foam
1,000 gals pad, 23.8 BPM, TP 6,946, CP 1,450 10,000 gals pad, 25.8 BPM, TP 7,062, CP 1,450, 60% Alco foam
30,000 gals pad, 24.6 BPM, TP 6,985, CP 1,450
1,000 gals sd slurry, 23.6 BPM, TP 6,847, CP 1,450, 1 PPG
2,000 gals sd slurry, 24.3 BPM, TP 6,942, CP 1,450, 1.5 PPG
4,000 gals sd slurry, 24.5 BPM, TP 6,825, CP 1,450, 2.0 PPG
4,000 gals sd slurry, 24.2 BPM, TP 6,075, CP 1,450, 2.5 PPG
2,000 gals sd slurry, 20.0 BPM, TP 6,075, CP 1,450, 3.0 PPG
1,500 gals 50% Alco foam, 22.7 BPM, TP 6,889, CP 1,450, flushing
4,000 gals 50% Alco foam, 20.4 BPM, TP 7,268, CP 1,450, flushed
Total fluid load 612 bbls, 50% methanol, 50% water, CO2 115 tons. 4 hrs SI for gel to break, RU flowback equip. 16 hrs IFP 420 psi, opened on 24/64" choke, press declined to 50 psi. No fluid rec after 0300. TLR 26 bbls, TLTR 586 bbls. DWC $128,020. CWC $209,168.

GOVERNMENT L COM NO. 1
1,980' FNL & 1,980' FEL
Sec 18, T24S, R34E
LEA Co., NM
Spud Date:

ENRON OIL & GAS C ANY
DEV W/O: 15,490' MORROW

EOG%: 100.0000% WI 81.8750% NRI
AFE No.: 10-0738
DHC: 0; CWC: 176,000

06/18/95 8-1/2 hrs RU CT and N2 unit. TIH w/1-1/4" CT, tagged FL @ 9,000', jetted to 14,320'. Jetting on btm, max CT press 2,200 psi. 1st hr of jetting rec 18 bbls, fluid 2nd hr of jetting press (CT) decreased from 2,200 psi to 1,400 psi w/43 bbls of fluid rec. SD N2, CT press decreased to 900 psi w/tbg - coil annulus stabilizing @ 175 psi surface press. Rec 8 bbls fluid. TOH w/CT. 10-1/2 hrs flowing to tank, rec 11 bbls fluid. Currently flowing on 16/64" choke w/FTP 1,300 psi, slight mist. TLR 106, LTR 506 bbls. DWC $8,212. CWC $217,380.

06/19/95 24 hrs flowing to tank on 16/64" choke, FTP 1,350 psi, rec 8 bbls fluid. Total load rec 114 bbls. DWC $950. CWC $218,330.

06/21/95 24 hrs flow, 3,177 MCF, 20/64 choke, 1120 FTP, 37 BW. CWC $218,330.

06/22/95 24 hrs flow 2,857 MCFD, 20/64" choke, FTP 1,100, CP 1,500, BW 35, LP 640. CWC $218,330.

06/23/95 24 hrs flow, 3017 MCF, 20/64 chk, 1,050 FTP, 1500 CP, 36 BW. CWC $218,330.

06/24/95 24 hrs flow 3,249 MCFD, 25/64" choke, FTP 860, CP 1,500, BW 72, LP 697. CWC $218,330.

06/25/95 24 hrs flow 3,195 MCFD, 25/64" choke, FTP 850, CP 1,500, BW 60, LP 697. CWC $218,330.

06/26/95 24 hrs flow 3,107 MCFD, 25/64" choke, FTP 850, CP 1,500, BW 65, LP 705. CWC $218,330.

06/27/95 24 hrs flow, 3072 MCF, 25/64 chk, 840 FTP, 1500 CP, 95 BW.
FINAL REPORT
CWC $218,330.

08/11/95 6 hrs RU HES WL and TIH w/gamma ray and BHP gauge. TIH making gradient stops @ 1,000' - 2,000' - 3,000' - 4,000' - 5,000' - 6,000' - 7,000' - 8,000' - 9,000' - 10,000' - 11,000' - 12,000' - 13,000' - 13,500' - 14,000' & 14,275' w/well flowing (perfs 14,268' - 14,284'). Ran after frac gamma ray survey from 14,492' to 13,900', GR indicated frac stayed in zone. TOH and RD HES WL. DWC $4,155. CWC $4,155.