

VANCO OIL & GAS

March 7, 2002

Lori Wrotenbery, Director
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Vanco Oil & Gas Corp., Inc. for Enhanced Oil Recovery
Project Qualification for the Recovered Oil Tax Rate at the North Square
Lake Unit, Eddy County, New Mexico.

Dear Ms. Wrotenbery:

Vanco Oil & Gas Corp. (Vanco), designated Representative of GP II Energy, Inc., hereby makes application to qualify the North Square Lake Unit for the recovered oil tax rate as authorized by the Enhanced Oil Recovery Act. Vanco plans to commence waterflood operations / pressure maintenance in the project area during the 3rd quarter of 2002. Vanco is making application pursuant to the rules promulgated by Oil Conservation Commission Order No. R-9708 entered on August 27, 1992.

In accordance with this Order, Vanco provides the following information:

A. Operator's name and address:

GP II Energy, Inc.
Post Office Box 50682
Midland, Texas 79710

B. Description of the project area:

1. Exhibit "A" is a plat outlining the project area
2. The following describes the acreage within the project area:

Township 16 South, Range 30 East, NMPM

Section 25: E/2
Section 36: N/2

Township 16 South, Range 31 East, NMPM

Section 19: S/2

Section 20: S/2

Section 27: SW/4, S/2 NW/4, NW/4 NW/4, S/2 SE/4,
NW/4 SE/4, SW/4 NE/4

Section 28 through 34: All

The proposed project will impact 100% of the Unit area and is more accurately identified as the injection patterns highlighted on Exhibit "A", which includes the wells listed on Exhibit "B".

3. Total acres:

The North Square Lake Unit contains a total of 6,125, acres more or less.

Vanco is targeting 6,125 acres for this enhanced oil recovery project. The 3,840 acres in the western portion of the unit will be impacted by the initial phase of injection. The remaining 2,285 acres in eastern portion of the unit will be impacted by the second phase of injection that is tentatively scheduled to commence in 2003. Please see designated areas depicted on Exhibit "A".

4. Subject pool and formation:

The North Square Lake unit is within the Grayburg Jackson Pool.

The unit includes the Grayburg and San Andres formations.

Exhibit "C" is the type-log identified in the Unit Agreement.

C. Status of operations in the project area:

1. The name of the Unit is the North Square Lake Unit.
2. The Unit was approved by Division Order No. R-11207
3. Division Order No. R-11435 approved the Waterflood Project

D. Method of recovery to be used:

1. Identify fluids to be injected:
Produced Water & Capitan Reef Water

E. Description of the project:

1. List of producing wells:

Attach as Exhibit "B" a list of all producing wells within the project area -- provide locations by footage location, section township and range.

There are plans to drill approximately 74 additional development wells within the project area.

2. List of injection wells:

Attach as Exhibit "B" a list of all injection wells within the project area -- provide locations by footage location, section, township and range.

There are plans to add additional injection wells within the project area with the number and location to determined based on the information contained in the 2002 and 2003 programs

3. Capital costs of additional facilities:

Description	Cost
Field installations and upgrades	\$ 250,000
Development drilling cost	\$ 16,300,000
Well remediation & misc. costs	\$ 500,000
Injection work	<u>\$ 1,450,000</u>
	\$ 18,500,000

4. Total project costs:

\$35,400,000

5. Estimated total value of the additional production that will be recovered as a result of this project:

Using an average price for the oil of \$20.00 and an equivalent barrel based price for the gas, the value of the additional hydrocarbons to be produced from the proposed project (6.74 MM STBO and 5 BCF) is \$144,000,000 (Total

Sales) and \$80,000,000 net income to the working interest owners.

6. The anticipated date for commencement of injection:

Second half of 2002

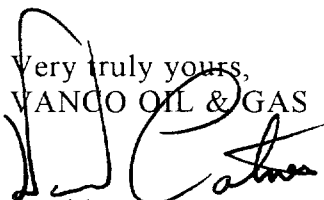
7. Identify the fluid to be injected and the anticipated volumes:

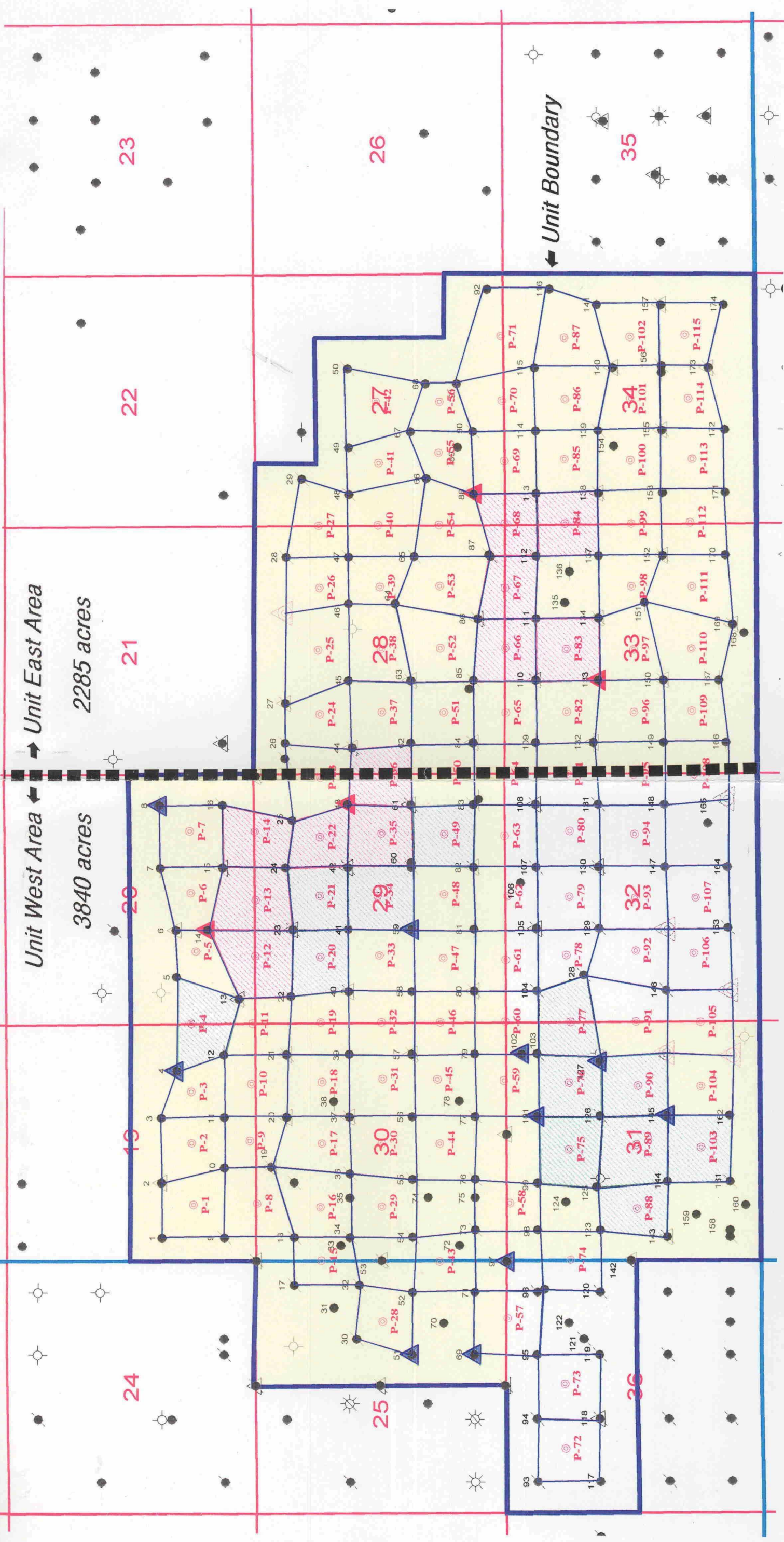
300 barrels of produced and makeup water as needed per well per day

8. Production Data:

Exhibit "D" is a graph with supporting data attached thereto which shows the production and injection history for the project and a forecast of the enhanced recovery of oil, gas, casinghead gas and water anticipated from this project.

Vanco requests that this application be set for hearing and, if no objections are received, that it be approved.

Very truly yours,
VANCO OIL & GAS

David Cotner
President



- LEGEND**
- Active Oil Well
 - Inactive Oil Well
 - ✕ Abandoned Oil Well
 - ▲ Active Injector Well
 - ▲ Inactive Injector Well
 - ▲ Abandoned Injector Well
 - POTENTIAL 20 ACRE INFILL PRODUCER
 - ▲ POTENTIAL NEW DRILL INJECTOR

- FEDERAL ACREAGE
- STATE ACREAGE
- 2002 PATTERN PRODUCER
- 2003 PATTERN PRODUCER

- EXISTING INJ. WELL
- 2003 ADDITIONAL INJECTORS

VANCO OIL & GAS CORP.

NORTH SQUARE LAKE UNIT
EDDY COUNTY, NEW MEXICO
2003 DEVELOPMENT PLAN

DAVID COTNER

4/2000

SCALE: 1"=2000'

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Case No. 12112 (Reopened) Exhibit No. 8
Submitted by:
VANCO OIL & GAS CORP.
Hearing Date: March 7, 2002

NORTH SQUARE LAKE UNIT WELL REDESIGNATION

LEASE NAME	WELL #	API #	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
A. N. Etz	2	03922	25A-16-30	810' FNL 510' FEL	P&A	Injector	17
A. N. Etz	3	03923	25G-16-30	2130' FNL 1650' FEL	P&A	Injector	30
A. N. Etz	1	03921	25H-16-30	1980' FNL 510' FEL	P&A	Injector	32
LOE	4	10571	25H-16-30	1650' FNL 990' FEL	Active Prod.	Active Prod.	31
Etz E (Walnut)	4	03927	25I-16-30	1980' FSL 660' FEL	Active Prod.	Injector	52
Etz E (Walnut)	3	03926	25J-16-30	1980' FSL 1980' FEL	Active WIW	Active WIW	51
Etz E (Walnut)	2	03925	25O-16-30	660' FSL 1980' FEL	Active WIW	Active WIW	69
Etz E	1	03924	25P-16-30	660' FSL 660' FEL	InActive Prod.	Injector	71
Etz (Walnut)	6	20316	25P-16-30	1315' FSL 1315' FEL	InActive Prod.	Active Prod.	70

State "H"	3	04031	36A-16-30	810' FNL 600' FEL	Active Prod.	Injector	96
State "H"	4	10863	36A-16-30	10' FNL 10' FEL	Active WIW	Active Prod.	97
State H	2	04030	36B-16-30	660' FNL 1980' FEL	Active Prod.	Injector	95
Continental State	3	04020	36C-16-30	660' FNL 1980' FWL	P&A	Injector	94

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Continental State	4	04021	36D-16-30	660' FNL 660' FWL	P&A	Injector	93
Continental State	2	04019	36E-16-30	1980' FNL 660' FWL	Active Prod.	Injector	117
Continental St.	1	04018	36F-16-30	1980' FNL 1980' FWL	P&A WIW	Injector	118
Desa	1	21747	36G-16-30	1650' FNL 1650' FEL	Active Prod.	Injector	120
State H (Witch)	1		36G-16-30	1980' FNL 1980' FEL	P&A	Injector	119
State J	1	04028	36H-16-30	1330' FNL 1310' FEL	Active Prod.	Active Prod.	121
Tellyer State	1	NA	36H-16-30	1980' FNL 660' FEL	P&A	Injector	122

Etz	3	20127	19I-16-31	1650' FSL 990' FEL	Inactive WTW	Injector	4
Etz	4	20183	19J-16-31	1980' FSL 1980' FEL	Active Prod.	Injector	3
Carper	2	04855	19K-16-31	1980' FSL 1660' FWL	P&A	Injector	2
Carper	1	04854	19L-16-31	1980' FSL 500' FWL	Active Prod.	Injector	1
Etz	1	04852	19M-16-31	660' FSL 504' FWL	P&A	Injector	9
Etz	2	04853	19N-16-31	660' FSL 1668' FWL	Active Prod.	Injector	10
Vickers	6	04857	19O-16-31	660' FSL 1980' FEL	Active Prod.	Injector	11
Vickers	5	04856	19P-16-31	660' FSL 660' FEL	InActive Prod.	Injector	12

LEASE NAME	WELL #	API #	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
		30-015					

Grier	14	04864	20I-16-31	1980' FSL 660' FEL	Inactive WIW	Injector	8
Grier	13	04863	20J-16-31	1980' FSL 1980' FEL	Active Prod.	Injector	7
Rowley Federal	1	10206	20K-16-31	1650' FSL 1980' FWL	P&A	Injector	6
Rowley Federal	2	10322	20L-16-31	1650' FSL 990' FNL	Active Prod.	Injector	5
Grier	3	04858	20M-16-31	330' FSL 510' FWL	P&A WIW	Injector	13
Grier	4	10343	20N-16-31	990' FSL 1980' FWL	Active Prod.	Injector	14
Baxter "A"	1	04859	20O-16-31	660' FSL 1980' FEL	P&A	Injector	15
Baxter "A"	2	04860	20P-16-31	660' FSL 660' FEL	P&A	Injector	16

Federal	4	04883	27D-16-31	990' FNL 990' FWL	P&A	Injector	29
Federal	1	04878	27E-16-31	1980' FNL 660' FWL	P&A	Injector	48
Trust	1	04882	27F-16-31	1980' FNL 1650' FWL	P&A	Injector	49
Federal	2	04880	27G-16-31	1980' FNL 1980' FEL	P&A	Injector	50
Federal J-27	1	10530	27J-16-31	1650' FSL 2310' FEL	P&A	Injector	68
Federal Trust K-27	1	10121	27K-16-31	1980' FSL 1980' FWL	Active Prod.	Injector	67

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Valentine	2	10284	27L-16-31	1650' FSL 990' FWL	Active Prod.	Injector	66
Valentine	1	04881	27M-16-31	660' FSL 660' FWL	P&A	Injector	88
Jeffers Federal	1	NA	27N-16-31	660' FSL 1980' FWL	P&A	Injector	90
Jeffers Federal	2	22003	27N-16-31	990' FSL 1650' FWL	InActive Prod.	Active Prod.	89
Riley 27	1	10270	27O-16-31	990' FSL 2310' FEL	Active Prod.	Injector	91
Featherstone	1	04887	27P-16-31	330' FSL 330' FEL	Active Prod.	Injector	92

Kennedy	4	04889	28A-16-31	660' FNL 660' FEL	P&A	Injector	28
Kennedy	3	10549	28C-16-31	660' FNL 1650' FWL	P&A	Injector	27
Johnson B	4	04897	28D-16-31	660' FNL 660' FWL	P&A	Injector	26
Sheldon	3	04896	28E-16-31	1980' FNL 660' FWL	P&A	Injector	44
Kennedy A	2	10321	28F-16-31	1650' FNL 2310' FWL	Active Prod.	Injector	45
Sheldon	4	04899	28G-16-31	1980' FNL 1650' FEL	Active Prod.	Injector	46
Kennedy	1	10149	28H-16-31	1980' FNL 660' FEL	P&A	Injector	47
Sheldon	5 or 2	04900	28I-16-31	2310' FSL 660' FEL	P&A	Injector	65
Kennedy	3	04890	28J-16-31	2310' FSL 1650' FEL	P & A	Injector	64

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Sheldon	1	04894	28K-16-31	1980' FSL 1980' FWL	P&A	Injector	63
Johnson	4	04892	28L-16-31	1980' FSL 660' FWL	P&A	Injector	62
Johnson	2	04891	28M-16-31	660' FSL 660' FWL	P&A	Injector	84
Sheldon	2	NA	28N-16-31	560' FSL 1880' FWL	InActive Prod.	Injector	85
Johnson B	7		28O-16-31	660' FSL 1980' FEL	P&A	Injector	86
Sheldon	3	10078	28P-16-31	330' FSL 626' FEL	P&A	Injector	87

J. N. Fidel "A"	4	04913	29A-16-31	810' FNL 990' FEL	Active Prod.	Injector	25
J. N. Fidel "A"	3	04912	29B-16-31	660' FNL 1980' FEL	Active Prod.	Injector	24
Grier	2	04906	29C-16-31	810' FNL 1980' FWL	P& A WTW	Injector	23
Grier	1	04905	29D-16-31	760' FNL 560' FWL	InActive Prod.	Injector	22
Bruning	1	04911	29E-16-31	1980' FNL 660' FWL	P& A WTW	Injector	40
Bruning	2	04907	29F-16-31	1980' FNL 1980' FWL	Active Prod.	Injector	41
Bruning	3	04908	29G-16-31	1980' FNL 1980' FEL	P& A WTW	Injector	42
Bruning	4	04909	29H-16-31	1980' FNL 660' FEL	Active Prod.	Injector	43
Bruning	5	04903	29I-16-31	1980' FSL 660' FEL	P&A	Injector	61

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Carper "G"	3	04914	29J-16-31	1980' FSL 1880' FEL	Active Prod.	Injector	60
Texas Trading "A"	4	04919	29K-16-31	1880' FSL 1980' FWL	Active WTW	Injector	59
Texas Trading "A"	3	04918	29L-16-31	1980' FSL 660' FWL	Active Prod.	Injector	58
Texas Trading A	1	04916	29M-16-31	660' FSL 660' FWL	P&A	Injector	80
Texas Trading "A"	2	04917	29N-16-31	660 FSL 1980' FWL	InActive Prod.	Injector	81
Bruning	6	04910	29O-16-31	660' FSL 1980' FEL	P&A	Injector	82
Carper "G"	4	04915	29P-16-31	550 FSL 550' FEL	InActive Prod.	Injector	83

Vickers	2	04934	30A-16-31	660' FNL 660' FEL	P&A WTW	Injector	21
Vickers	4	04936	30B-16-31	660' FNL 1980' FEL	InActive Prod.	Injector	20
LOE	3	10469	30C-16-31	330' FNL 1995' FWL	P&A	Injector	19
George Etz	1	04923	30D-16-31	810' FNL 503' FWL	P&A	Injector	18
LOE	5	NA	30E-16-31	2630' FNL 10' FWL	P&A	Active Prod.	53
LOE	10	20701	30E-16-31	1790' FNL 330' FWL	Active Prod.	Active Prod.	33
George Etz (Woodward)	1	04904	30E-16-31	1980' FNL 503' FWL	P&A	Injector	34
George Etz (Woodward)	2	NA	30F-16-31	1980' FNL 1670' FWL	P&A	Injector	36

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
LOE	2	10416	30F-16-31	1980' FNL 1346' FWL	Active Prod.	Active Prod.	35
Vickers	W7	04937	30G-16-31	1345' FNL 1345' FEL	T&A	Active Prod.	38
Vickers	3	04935	30G-16-31	1980' FNL 1980' FEL	P&A	Injector	37
Vickers	1	04933	30H-16-31	1980' FNL 660' FEL	Active Prod.	Injector	39
Fidel	2	04925	30I-16-31	1980' FSL 660' FEL	P&A	Injector	57
Grier	12	04929	30J-16-31	1980' FSL 1980' FEL	Active Prod.	Injector	56
LOE	1	10415	30K-16-31	1650' FSL 1346' FWL	Active Prod.	Active Prod.	74
Grier	2	NA	30K-16-31	1980' FSL 1980' FWL	P&A	Injector	55
Grier	2	04930	30L-16-31	1980' FSL 506' FWL	P&A	Injector	54
LOE	9	20554	30M-16-31	990' FSL 330' FWL	Active Prod.	Active Prod.	72
Grier	1	04926	30M-16-31	660' FSL 660' FWL	P&A	Injector	73
Grier	1	04931	30N-16-31	660' FSL 1980' FWL	P&A	Injector	76
LOE	11	20839	30N-16-31	660' FSL 1346' FWL	Active Prod.	Active Prod.	75
Grier	19	24458	30O-16-31	990' FSL 1650' FWL	Active Prod.	Active Prod.	78
Grier	10	04927	30O-16-31	660' FSL 1980' FEL	P&A	Injector	77

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
J. N. Fidel	1	04928	30P-16-31	660' FSL 660' FEL	InActive Prod.	Injector	79

Grier	9	04940	31A-16-31	660' FNL 660' FEL	P&A	Injector	103
Grier	17	20185	31A-16-31	330' FNL 660' FEL	Active WIW	Injector	102
Grier	11	04946	31B-16-31	660' FNL 1980' FEL	Active Prod.	Injector	101
Grier	15	10752	31B-16-31	10' FNL 2630' FEL	Active WIW	Active Prod.	100
Grier	3	04944	31C-16-31	660' FNL 1980' FWL	Active Prod.	Injector	99
Grier	20	24580	31C-16-31	1250' FNL 1031' FWL	Active Prod.	Active Prod.	124
Grier	1	04942	31D-16-31	660' FNL 660' FWL	Active Prod.	Injector	97
Grier	2	04943	31E-16-31	1980' FNL 660' FWL	Active Prod.	Injector	123
Grier	16	20184	31E-16-31	2630' FNL 10' FWL	Active WIW	Injector	142
Grier	4X	04945	31F-16-31	1980' FNL 1950' FWL	Active Prod.	Injector	125
Grier	5	04947	31G-16-31	1980' FNL 1980' FEL	P&A	Injector	126
Grier	7X	04949	31H-16-31	1980' FNL 660' FEL	Inactive WIW	Injector	127
Grier	6	04948	31J-16-31	1980' FSL 1980' FEL	Active WIW	Injector	145
Grier "A"	1	04941	31K-16-31	1980' FSL 1680' FWL	Active Prod.	Injector	144

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Grier "B"	2	24706	31L-16-31	1370' FSL 977' FWL	Active Prod.	Active Prod.	159
Grier A	1	04938	31L-16-31	1980' FSL 511' FWL	P&A	Injector	143
H. J. LOE	5	24920	31M-16-31	660' FSL 330' FWL	Active Prod.	Active Prod.	158
H. J. Loe	1	4953	31N-16-31	330' FSL 1357' FWL	Active Prod.	Active Prod.	160
Grier	18	24457	31O-16-31	660' FSL 1980' FEL	Active Prod.	Injector	162
Grier	4	4951	31N-16-31	660' FSL 1980' FWL	P&A	Injector	161

State C	2	04961	32 A-16-31	660 FNL 660' FEL	P&A	Injector	108
State C	1	04960	32B -16-31	660 FNL 1980' FEL	P&A	Injector	107
Zephyr ZQ	1	25029	32B-16-31	330' FNL 2310' FEL	Active Prod.	Active Prod.	106
State R	3	04966	32C -16-31	660' FNL 1980' FWL	P&A	Injector	105
State R	1	04964	32D -16-31	660' FNL 660' FWL	P&A	Injector	104
State R	2	04965	32 E-16-31	1650' FNL 990' FWL	P&A	Injector	128
State R	4	04967	32F-16-31	1980' FNL 1980' FWL	P&A	Injector	129
State C	4	04963	32G -16-31	1980' FNL 1980' FEL	P&A	Injector	130
State C	3	04962	32H -16-31	1980' FNL 660' FEL	P&A	Injector	131

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Tidewater State	1	04956	32I-16-31	1980' FSL 660' FEL	Active Prod.	Injector	148
Western Dev. "A" State	2	04959	32J-16-31	1980' FSL 1980' FEL	Active Prod.	Injector	147
Doolin	2	04954	32L-16-31	1980' FSL 660' FWL	P&A	Injector	146
Doolin	1	04955	32 N-16-31	660' FSL 1980' FWL	P&A	Injector	163
Tidewater State	2	04957	32O-16-31	660' FSL 1980' FEL	Active Prod.	Injector	164
Western Dev. "A" State	1	04958	32P-16-31	660' FSL 660' FEL	Active Prod.	Active Prod.	165

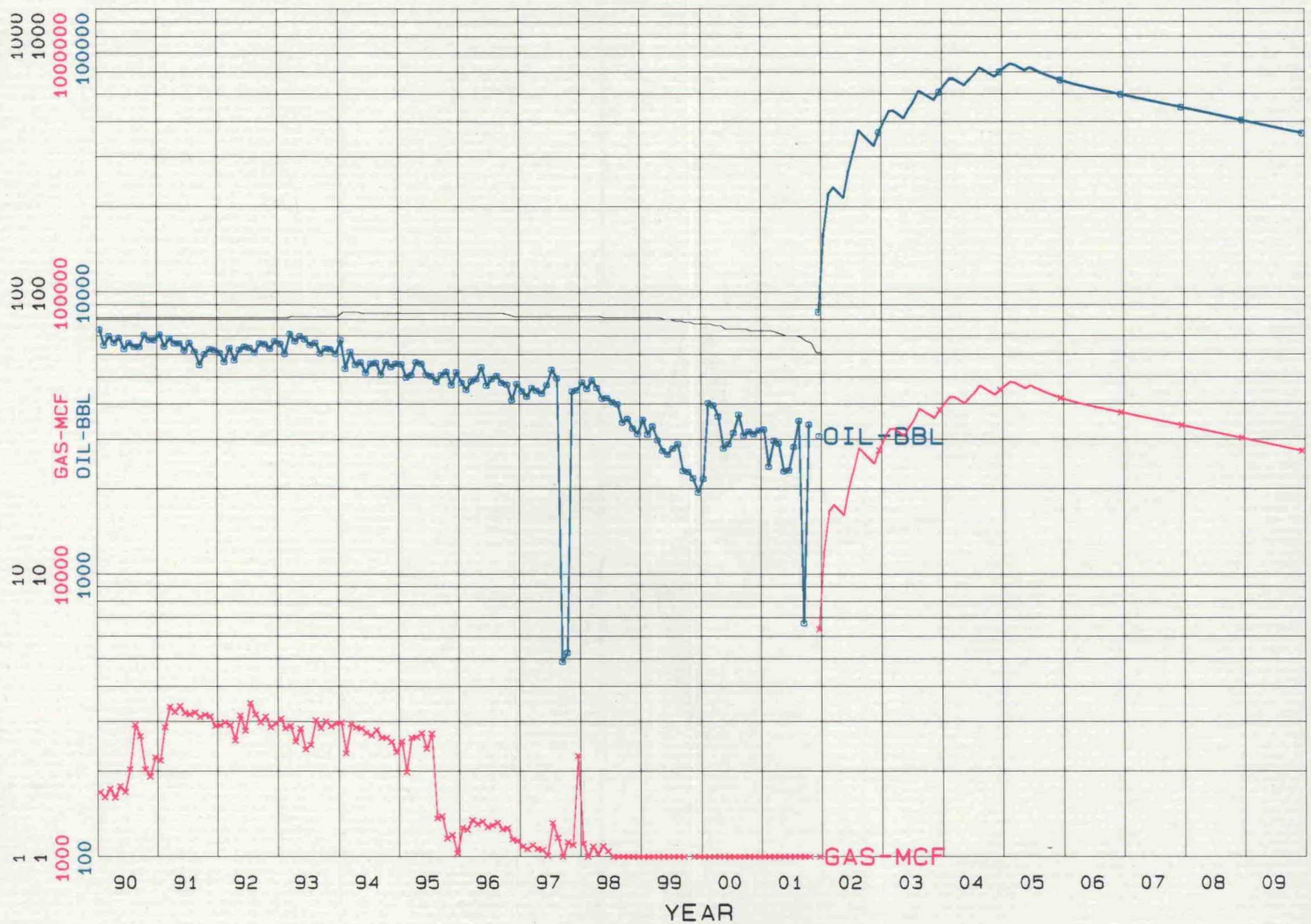
Johnson	6	04972	33A-16-31	660' FNL 660' FEL	P & A	Injector	112
Texas Trading	3	04979	33B-16-31	660' FNL 1980' FEL	Active Prod.	Injector	111
Texas Trading	8	04984	33B-16-31	1270' FNL 1650' FEL	Active Prod.	Active Prod.	135
Johnson A	1	04976	33C-16-31	660' FNL 1980' FWL	P&A	Injector	110
Texas Trading	1	04977	33D-16-31	660' FNL 660' FWL	InActive Prod.	Injector	109
Texas Trading	2	04978	33E-16-31	1880' FNL 660' FWL	T&A	Injector	132
Johnson "A"	3	04975	33F-16-31	1980' FNL 1980' FWL	Active Prod.	Injector	133
Texas Trading	4	04980	33G-16-31	1980' FNL 1980' FEL	P&A	Injector	134
Johnson	13	04970	33H-16-31	1370' FNL 990' FEL	InActive Prod.		136

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Johnson	5	04971	33H-16-31	1980' FNL 660' FEL	P&A	Injector	137
Texas Trading	6	04982	33I-16-31	1980' FSL 660' FEL	P&A	Injector	152
Johnson	15	04973	33J-16-31	2310' FSL 1650' FEL	P&A	Injector	151
Texas Trading	5-B	04981	33K-16-31	1980' FSL 1980' FWL	P&A	Injector	150
Kennedy	5	04969	33L-16-31	1980' FSL 660' FWL	Active Prod.	Injector	149
Kennedy	4	04968	33M-16-31	660' FSL 660' FWL	Active Prod.	Injector	166
Texas Trading	7	04983	33N-16-31	810' FSL 1980' FWL	InActive Prod.	Injector	167
Johnson	16	04974	33O-16-31	330' FSL 2310' FEL	Active Prod.	Active Prod.	168
Johnson	14	NA	33O-16-31	510' FSL 2310' FEL	P & A WIW	Injector	169
Texas Trading	9	10345	33P-16-31	660' FSL 660' FEL	Active Prod.	Injector	170

Kennedy Federal	2	10272	34A-16-31	990' FNL 330' FEL	Active Prod.	Injector	116
Kennedy A	1	10273	34B-16-31	660' FNL 1980' FEL	Active Prod.	Injector	115
Kennedy	1	10271	34C-16-31	660' FNL 1980' FWL	Active Prod.	Injector	114
Carper "AB"	4	04990	34D-16-31	660' FNL 660' FWL	Active Prod.	Injector	113
Carper AB	3B	04989	34E -16-31	1980' FNL 660' FWL	P&A	Injector	138

LEASE NAME	WELL #	API # 30-015	S-T-R	LOC'N.	CURRENT STATUS	PROPOSED STATUS	UNIT WELL #
Kennedy	6	04986	34F-16-31	2310' FNL 1650' FWL	Active Prod.	Active Prod.	154
Johnson	9	04994	34F -16-31	1980' FNL 1980' FWL	P&A	Injector	139
Johnson	17	04998	34G -16-31	2310' FNL 1980' FEL	P&A	Injector	140
Kennedy	1	04985	34H-16-31	1980' FNL 660' FEL	Active Prod.	Injector	141
Carper AB	1	04987	34I -16-31	1980' FSL 660' FEL	P&A	Injector	157
Johnson	18	21771	34J-16-31	1980' FNL 2080' FEL	Active Prod.	Injector	156
Carper	5	04991	34K -16-31	1980' FSL 1980' FWL	P & A WIW	Injector	155
Johnson	8	04993	34L-16-31	1980' FSL 660' FWL	Active Prod.	Injector	153
Johnson	10	04995	34M-16-31	660' FSL 660' FWL	Active Prod.	Injector	171
Carper Federal	6	04992	34N-16-31	660' FSL 1980' FWL	Active Prod.	Injector	172
Johnson	12	04997	34O -16-31	990' FSL 1980' FEL	P&A	Injector	173
Carper "AB"	2	04988	34P-16-31	660' FSL 660' FEL	Active Prod.	Injector	174

NORTH SQUARE LAKE FORECAST



OIL —●—
 Qal=DRC0601
 Ref= 12/01
 Cum= .000
 Rem=8053.241
 EUR=8053.241
 Yrs= 70.002
 Q1=116984.7
 De= .000
 n= .000
 Gab= 4739.4

GAS —x—
 Qal=DRC0601
 Ref= 12/01
 Cum= .000
 Rem=6039.925
 EUR=6039.925
 Yrs= 32.918
 Q1= .0
 De= .000
 n= .000
 Gab= .0

GAS —
 Qal=NONE

EXHIBIT D

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Case No. 12112 (Reopened) Exhibit No. 8
 Submitted by:
VANCO OIL & GAS CORP.
 Hearing Date: March 7, 2002

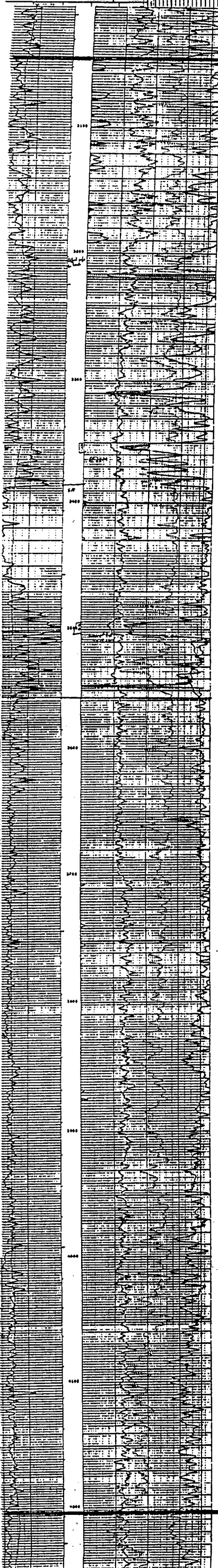
[illegible]

TOP of GRAYBURG

3050 ft.

TOP of UNIT

Elev. 3938 KB



BASE of SAN ANDRES

4206 ft.

BASE of UNIT

North Square Lake Unit

EDDY CTY., NEW MEXICO

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