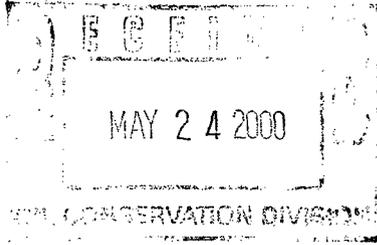


DHC

6/13/00



215

**NEW MEXICO OIL CONSERVATION DIVISION  
APPLICATION FOR EXCEPTION TO RULE 303:  
DOWNHOLE COMMINGLING  
SOUTH CULEBRA BLUFF (BONE SPRING)**

**&**

**EAST LOVING DELAWARE (BRUSHY CANYON)  
UNIT A, SECTION 27, T23S, R28E  
EDDY COUNTY, NEW MEXICO**

**APPLICATION MADE BY  
TITAN RESOURCES I, INC.  
500 WEST TEXAS, SUITE 200  
MIDLAND, TX 79701**

Titan Resources I, Inc., is requesting exception to permit the downhole commingling of production from the South Culebra Bluff (Bone Springs), pool code 15011, and East Loving Delaware (Brushy Canyon), pool code 40350, both of which are oil zones. Case No. 9647, Order No. R-8918 by NMOCD authorized downhole commingling of these two zones on April 12, 1989 regarding Parker and Parsley's (now operated by Titan Resources I, Inc.) Pardue Farms 27 No. 4 well, having concluded, in part:

The proposed commingling will result in recovery of additional hydrocarbons from each of the subject pools, thereby preventing waste and not violating any correlative rights;

The reservoir characteristics of each of the subject zones are such that underground waste would not be caused by commingling as proposed, provided that the well is not shut in for an extended period of time.

The Pardue Farms 27 No. 7 was tested in the Bone Springs but completed in the Brushy Canyon in 1989. In 1993 an order was issued by the OCD increasing the GOR for the pool to 8:1.

Titan will be forced to abandon a productive zone and likely lose the lease and additional reserves if approval cannot be obtained for downhole commingling of the South Culebra Bluff (Bone Springs) and East Loving Delaware (Brushy Canyon).

### RULE 303. SEGREGATION OF PRODUCTION FROM POOLS

#### DOWNHOLE COMMINGLING

The total combined daily oil production from oil zones before commingling is 11. The lowermost perforation in the lower pool is 7027.

Both oil zones require artificial lift.

The fluids from each zone have been analyzed and are compatible. Therefore, combining the fluids should not cause damage to either reservoir.

The observed gravity of the crude is similar and the total value of the crude will not be reduced.

The working interest, royalty, and overriding royalty of the zones to be commingled have common ownership.

The commingling will not jeopardize the efficiency of future secondary recovery operations. Neither zone (in this area) has the characteristics to justify secondary recovery.

Included with this application are the forms C-107 and C-107A for this well along with required submittals for each form. *Note: The Pardue Farms properties were exempt from C-116 testing; accurate production information is provided on the C-115s as filed.*

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-107  
Revised March 17, 1999

Filing Instructions  
At Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Titan Resources I, Inc., 500 W. Texas, Suite 200, Midland, TX 79701

Operator	Address		
Pardue Farms 27	7	A	27 T-23-S R-28-E
Eddy	Lease	Well No.	Unit Ltr. - Sec - Twp - Rge
			County

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted;	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	40350 East Loving Delaware		15011 South Culebra Bluff
b. Top and Bottom of Pay Section (Perforations)	6040' 6251'		6295' 7027'
c. Type of production (Oil or Gas)	oil		oil
d. Method of Production (Flowing or Artificial Lift)	artificial lift		artificial lift
e. Daily Production <input checked="" type="checkbox"/> Actual <input type="checkbox"/> Estimated Oil Bbls. Gas MCF Water Bbls.	6 BOPD 42 MCFPD 14 BWPD		9 BOPD 70 MCFPD 5 BWPD

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature *Jaura Clapper*  
Printed Name & Title Regulatory Analyst  
Date 4/18/2000 Telephone 915/498-8662

OIL CONSERVATION DIVISION

Approved by \_\_\_\_\_  
Title \_\_\_\_\_  
Date \_\_\_\_\_

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval -- See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
811 South First St., Artesia, NM 88210  
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
DISTRICT IV  
2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-A  
Revised August 1999

OIL CONSERVATION DIVISION

2040 S. Pacheco  
Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:

Administrative  Hearing

EXISTING WELLBORE

YES  NO

APPLICATION FOR DOWNHOLE COMMINGLING

Titan Resources I, Inc., 500 West Texas, Suite 200, Midland, TX 79701  
Operator Address

Pardue Farms 27 7 A 27 T23S, R28E Eddy  
Lease Well No. Unit Ltr. - Sec - Twp - Rge County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 150661 Property Code 23464 API NO. 30 015 26036 Federal State (and/or) Fee X

The following facts are submitted in support of downhole commingling	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	East Loving Delaware 40350		South Culebra Bluff 15011
2. Top and Bottom of Pay Section (Perforations)	6040' - 6251'		6295' - 7027'
3. Type of production (Oil or Gas)	oil		oil
4. Method of Production (Flowing or Artificial Lift)	artificial lift		artificial lift
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Or Measured Original	a. (Current) 1250	a.	a. 1300
	b. (Original) 2447	b.	b. 2580
6. Oil Gravity (EAPI) or Gas BTU Content	40.7		
7. Producing or Shut-In?	producing		shut-in
Production Marginal? (yes or no)  * If Shut-In, give date and oil/gas/water rates of last production  Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data  * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Y		Y
	Date: Rates:	Date: Rates:	Date: 2-8-89 Rates: (no rate established)
	Date: 2-00 Rates: 7 BOPD 64 MCFPD 21 BWPD	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: 52.94 % Gas: 33.77 %	Oil: % Gas: %	Oil: 47.06 % Gas: 66.28 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.

10. Are all working, overriding, and royalty interests identical in all commingled zones?  Yes  No  
If not, have all working, overriding, and royalty interests been notified by certified mail?  Yes  No

11. Will cross-flow occur?  Yes  No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable.  Yes  No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other?  Yes  No

13. Will the value of production be decreased by commingling?  Yes  No (If Yes, attach explanation)

14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application.  Yes  No

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). Case No. 9647, Order No. R-8918

16. ATTACHMENTS:

- \* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- \* Production curve for each zone for at least one year. (If not available, attach explanation.)
- \* For zones with no production history, estimated production rates and supporting data.
- \* Data to support allocation method or formula.
- \* Notification list of working, overriding, and royalty interests for uncommon interest cases.
- \* Any additional statements, data, or documents required to support commingling.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Laura Clepper TITLE Regulatory Analyst DATE 4/18/2000

TYPE OR PRINT NAME Laura Clepper TELEPHONE NO. ( 915 ) 498-8662

District I  
 PO Box 1980, Hobbs, NM 88241-1980  
 District II  
 811 South First, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals & Natural Resources Department

Form C-102  
 Revised October 18, 1994  
 Instructions on back  
 Submit to Appropriate District Office  
 State Lease - 4 Copies  
 Fee Lease - 3 Copies

OIL CONSERVATION DIVISION  
 2040 South Pacheco  
 Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-26036		2 Pool Code 40350		3 Pool Name East Loving Delaware (Brushy Canyon)	
4 Property Code 23464		5 Property Name Pardue Farms 27			6 Well Number 7
7 OGRID No. 150661		8 Operator Name Titan Resources I, Inc.			9 Elevation 3036' GR

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	27	23S	28E		560	north	560	east	Eddy

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedicated Acres 80	13 Joint or Infill	14 Consolidation Code	15 Order No.
--------------------------	--------------------	-----------------------	--------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16				<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p> <p><i>Laura Clépper</i></p> <p>Signature          Laura Clépper</p> <p>Printed Name          Regulatory Analyst</p> <p>Title          4-18-2000</p> <p>Date</p>
	<p>18 SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>			
	<p>Certificate Number</p>			



# PARDUE FARMS 27 #7 COMBINED BONE SPRING & BRUSHY CANYON

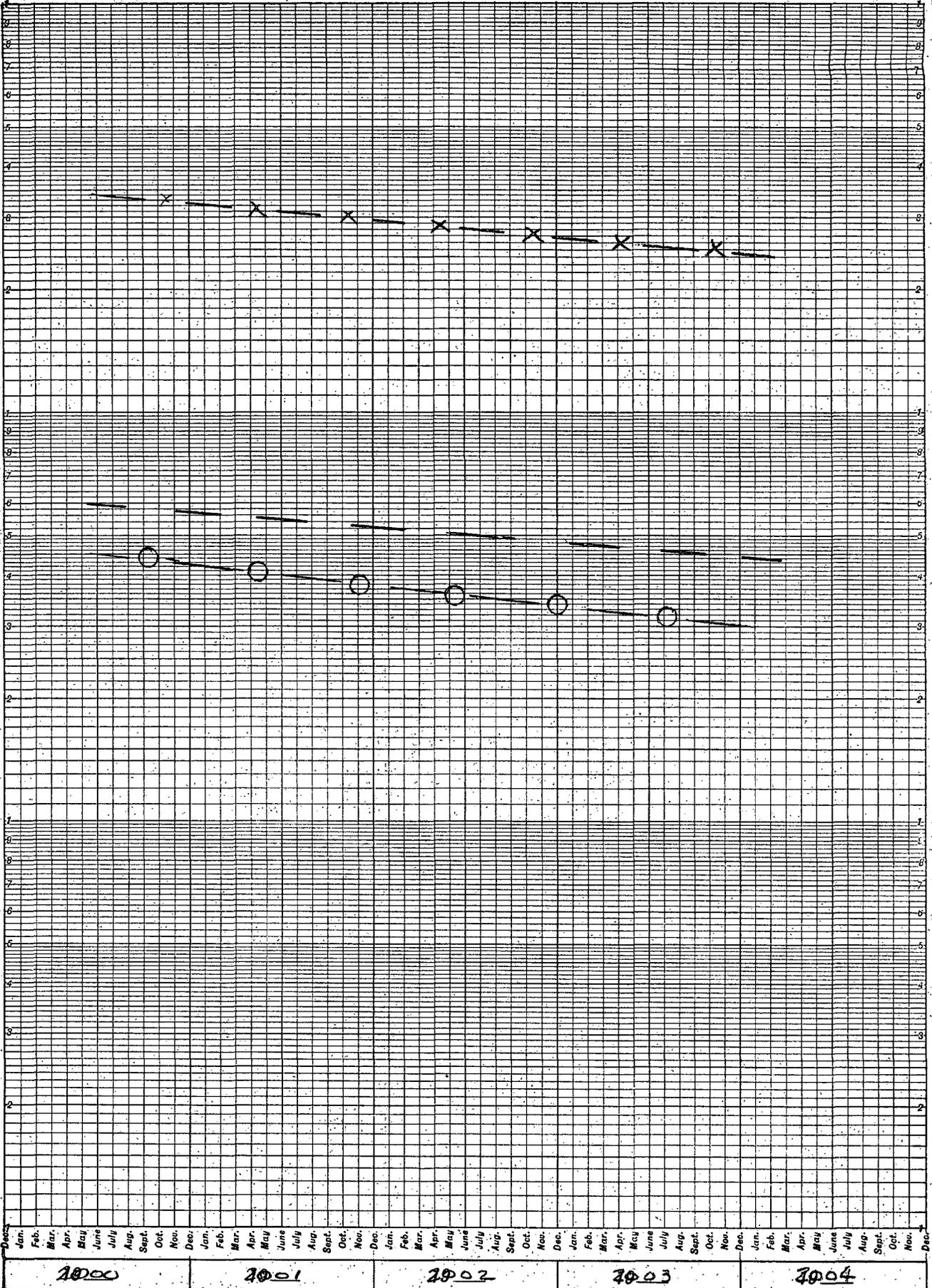
DIRECT FROM CODEX BOOK CO., NORWOOD, MASS. 02062

CODEX  
Graph Paper

T3 37N LG

FIVE YEARS BY MONTHS X 3 3-INCH CYCLES RATIO RULING.

BSPM — O —  
BWPB — — —



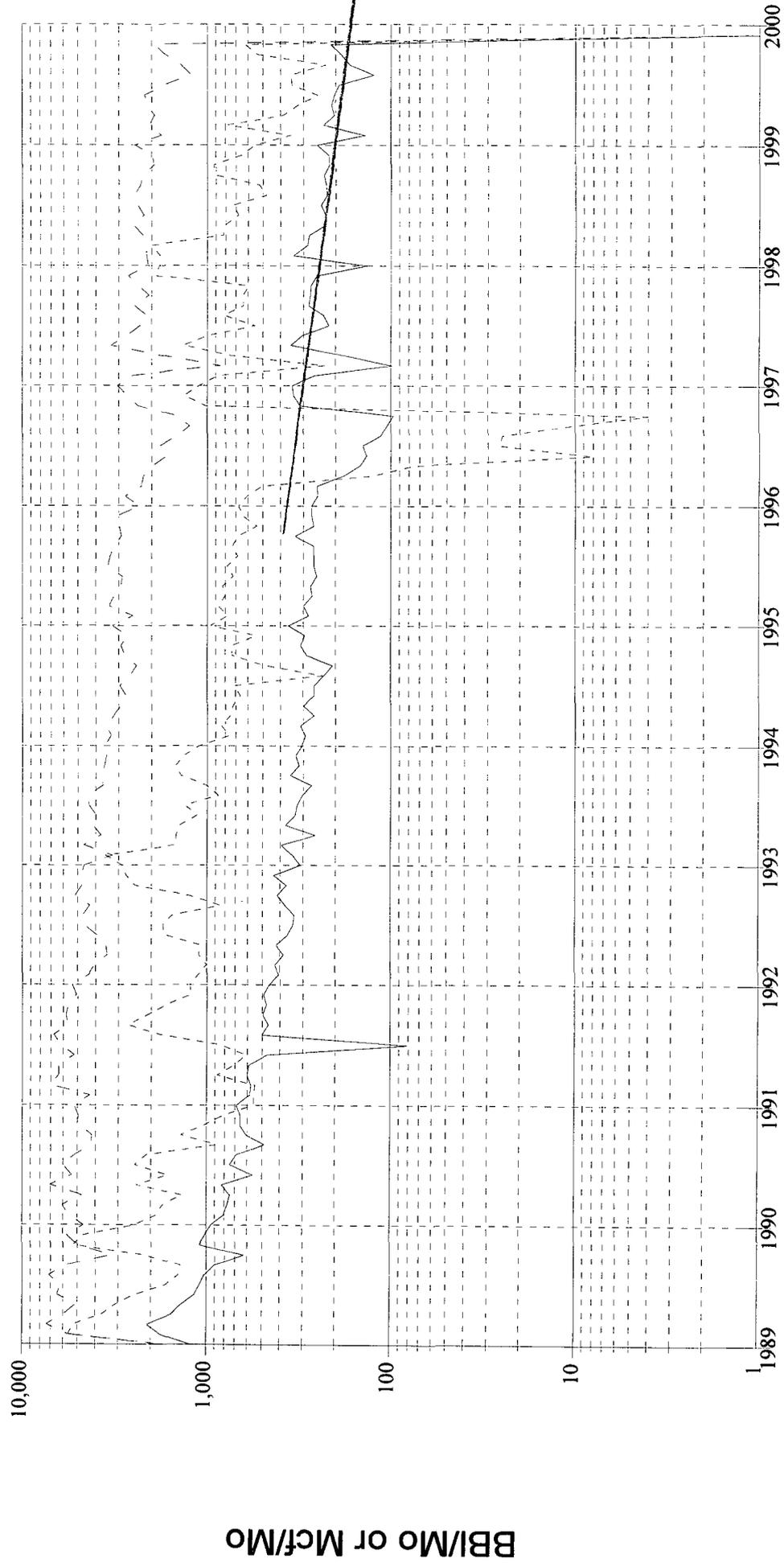
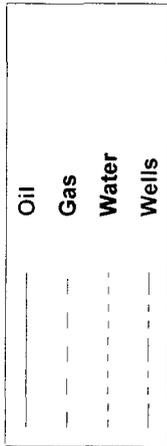
10000

1000

100

MCFM — x —

Field: **LOVING EAST**  
 Lease: **PARDUE FARMS 27 | Well #7**  
 Operator: **TITAN RESOURCES I INCORPORATED**  
 Production Rate vs Time  
 For the Period 01/1989 to 12/1999 | API: 30015260360000



Time

Reported Oil Production = 55,169 Bbls  
 Reported Gas Production = 469,915 Mcf  
 Reported Water Production = 158,531 Bbls

Plot Displays Monthly Totals  
 Copyright (C) 1900 by Petroleum Information/Dwights LLC

Well Bore Schematic

Lease: PARDUE FARMS 27 Well: 7 Field: LOVING E  
 Location: 560 feet FNL & 560 feet FEL, Section 27 Township 23S Range 28E  
 Unit Block A Survey \_\_\_\_\_, EDDY County, NM State

Spud Date: 12-14-88  
 Completion Date: 1-16-89

GL 3036  
 DF \_\_\_\_\_  
 KB 3047

Surface Casing

8 7/8 " OD, 24 #/ft. grade \_\_\_\_\_  
 Casing Set at \_\_\_\_\_  
 Cmt with 475 sks, Circ 40 sks  
 Hole Size: 12 1/4 "

Intermediate Casing

\_\_\_\_\_ " OD, \_\_\_\_\_ #/ft. grade \_\_\_\_\_  
 Casing Set at \_\_\_\_\_  
 Cmt with \_\_\_\_\_ sks, Circ \_\_\_\_\_ sks  
 TOC @ \_\_\_\_\_ by \_\_\_\_\_  
 Hole Size: \_\_\_\_\_ "

TUBOSCOPE TBG 4-97  
 N-80

MA @ 6249'  
PERF SUB  
SN @ 6215' w/ XOVER COLLAR (2 3/8" SN)  
5 JTS 2 7/8"  
TAC @ 5931'  
195 JTS 2 7/8" N-80  
 \_\_\_\_\_  
2 x 1 1/4 x 16  
8 - 1 1/2" KBALLS  
187 - 3/4"  
54 - 7/8"

Current Perforations:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Production Casing

5 1/2 " OD, 15.517 #/ft. grade \_\_\_\_\_, thd \_\_\_\_\_  
 Casing Set @ 7508 w/ 900 total sks  
 in \_\_\_\_\_ stages with DV tool set @ 5002  
 Stage 1 circ? \_\_\_\_\_ sks TOC @ \_\_\_\_\_ by \_\_\_\_\_  
 Stage 2 circ? \_\_\_\_\_ sks TOC @ \_\_\_\_\_ by \_\_\_\_\_  
 Stage 3 circ? \_\_\_\_\_ sks TOC @ \_\_\_\_\_ by \_\_\_\_\_  
 Hole Size: \_\_\_\_\_ "

BRAUSHY CANYON  
 FW 145,000# + 150,000# 6251  
 6205  
 6460  
 BONE SPRING  
 FW 145,000 + 150,000#  
 6499  
 6706  
 6800  
 FW 145,000 + 150,000  
 7027  
 PBTD: 6260  
 TD: 7508

CTBP @  
 6260

Date: 1-20-98  
 Prepared By: PETER WILKINSON



PLEASE REPLY: 828 S. GRANDVIEW  
 P.O. BOX 8072  
 ODESSA, TX 79760

Parker & Parsley  
 Pardue Farms  
 Station: Hobbs

3-21-89  
 Craig Bailey  
 Waters & Oils

PURPOSE: To analyze the water samples and check the compatibility of the oil samples with each other.

WATER ANALYSIS:

	<u>Bone Springs</u>	<u>Brush Canyon</u>
Specific Gravity @ 60°F:	1.186	1.196
pH:	5.94	6.08

RADICALS

Total Hardness	80,000	88,000 ✓
Calcium	28,800	32,800 ✓ .8
Magnesium	1,920	1,440 ✓ 1.4
Iron(Dissolved)	38	1
Barium	ND	ND
*Sodium	91,701	87,998 ✓ 1
Chlorides	198,000	198,000 ✓ 1
Sulfate	282	295 ✓
Bicarbonate	312	171 ✓
Sulfide	NP	NP

Hydrogen Sulfide                      NP                      NP

TDS    321,053                      320,705

Scaling Tendency:  
     CaCO<sub>3</sub>:                      Probable                      Probable  
     CaSO<sub>4</sub>:                      Possible                      Possible

OIL ANALYSIS:

API GRAVITY @ 60°F:                      42.0                      45.0

There was no emulsion problems observed between the two oil samples at a 50:50 mixture.

\*Sodium is a calculated value to balance the equation.

Lab. Report: 3W-032  
 Analyzed By: David Ellison

PARDUE FARMS 27 #7

SEC. 27 , T23-R28 , EDDY CO. N.M.  
DELAWARE (BRUSHY CANYON)

**CRUDE OIL PRODUCTS RECEIPT TICKET**  
PERMIAN OPERATING LIMITED PARTNERSHIP

PERMIAN  
 WESTERN OIL TRANSPORTATION  
 OTHER

P.O. BOX 1183 HOUSTON, TEXAS 77211-1183

FROM (OPERATOR) Parker + Parsley

(LEASE) Pardue Farms 27-7

**1** OPENING DATE

1 2 8 8 9      1306 112

5 6 5 6 8 1      6 2 3 7 0

STATION NO.      TANK SIZE

2 9      [Hatched]

OBS. GRAVITY      S. TEMP

4 2 2      5 0      1 0 [Hatched]

WHOLE TENTHS      WHOLE TENTHS

**TANK GAUGE OIL LEVEL**

ST	FEET	INCHES	FEET	INCHES	FEET	INCHES
1	8	0	1	0	5	2
2	2	0	6	0		

ESTIMATED BARRELS      NET VOLUME FACTOR

**METER READINGS**

CLOSING	HNDRTHS	OPENING	HNDRTHS	GROSS BARRELS	HNDRTHS	NET BARRELS	HNDRTHS
[Hatched]	[Hatched]	[Hatched]	[Hatched]	[Hatched]	[Hatched]	[Hatched]	[Hatched]

REMARKS

Eddy Co. Del  
Sec 27-T23-R28

DRIVER - GALLOPER	WITNESS	TIME	DATE
<u>Sam Warden</u>		11:45 A	1-28-89
		D/A	
<u>Sam Warden</u>		12:15 P	1-28-89
		D/A	

187.77

OCR 1-400M REV. 12-87

CUSTOMER

PARDUE FARMS 27 #6

SEC. 27 , T23-R28 , EDDY CO. N.M.  
S. CULEBRA BLUFF (BONE SPRING)

CRUDE OR PRODUCTS RECEIPT TICKET  
PERMIAN OPERATING LIMITED PARTNERSHIP



PERMIAN  
 WESTERN OIL TRANSPORTATION  
 OTHER  
P.O. BOX 1183 HOUSTON, TEXAS 77251-1183



FROM (OPERATOR)

*Pardue Farms & Parsley, Inc.*

LEASE

*Pardue Farms 27-6*

<b>1</b>		OPENING DATE	
1	2	8	9
5	6	2	9
0	2	9	
4	2	0	5
TANK GAUGE OIL LEVEL			
1	0	0	1
2	0	9	1
ESTIMATED BARRELS		MONTHS	
1	8	5	1
METER READINGS			
CLOSING	MONTHS		
OPENING	MONTHS		
GROSS BARRELS	MONTHS		
NET BARRELS	MONTHS		
REMARKS			
<i>Sec. 27-235-28E</i>			
<i>Eddy Co. N.M.</i>			
DRIVER - GAUGER	DATE	TIME	
<i>Walter L. Fanning</i>	<i>12/28/89</i>	<i>1:30 P.</i>	
WITNESS	DATE	TIME	
<i>Walter L. Fanning</i>	<i>12/28/89</i>	<i>NSD</i>	
DRIVER - GAUGER	DATE	TIME	
<i>Walter L. Fanning</i>	<i>12/28/89</i>	<i>NSD</i>	
WITNESS	DATE	TIME	
<i>Walter L. Fanning</i>	<i>12/28/89</i>	<i>NSD</i>	

*185.14*

CUSTOMER

"Let your Interest in Measurement be our Concern"



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

Run No. 316-9

Date Run 03/16/89

Date Sampled 03/16/89

BRUSHY CANYON

Analysis For: BENNETT & CATHEY WRLN.

Lease: PARDUE FARMS 27 #34

Producer: PARKER PARSLEY PETR.

Location: \_\_\_\_\_ County: EDDY State: NEW MEXICO

Purpose: \_\_\_\_\_ Sampled By: B & C WRLN.

Sampling Temp. 60 °F Atmos Temp. \_\_\_\_\_ °F

Volume/day: \_\_\_\_\_ Formation: \_\_\_\_\_

Pressure on Bomb 93 PSIG: Line Pressure 106.2 PSIA PSIG

Gas Component Analysis Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO2	.722		
Oxygen O2	4.687		
Nitrogen N2			
Hydrogen Sulfide H2S			
Methane C1	75.902		
Ethane C2	10.378		2.776
Propane C3	4.792		1.320
Iso-Butane IC4	.560		.183
Nor-Butane NC4	1.582		.499
Iso-Pentane IC5	.376		.138
Nor-Pentane NC5	.418		.152
Hexanes plus	.583		.269
Hexanes C6			
Heptanes			
Heptanes Plus C7+			
Total	100.000		5.336

BTU Dry 1211  
 BTU Wet 1190  
 Calc. Specific Gravity 743

@ Std. Press. 14.696

BTU Dry 1209  
 BTU Wet 1188

Calc. Vap. Press. #/Sq.In. \_\_\_\_\_  
 Reid Vap. Press. #/Sq.In. \_\_\_\_\_

Z Factor .9967  
 N Value 1.2833  
 Ave Mol Wt 21.4440  
 Ave Cu Ft/Gal \_\_\_\_\_

Run by JEFFREY A. PROPP

Calculated By JEFFREY A. PROPP

Pentane + G.P.M. .558  
 Propane + GPM 2.561  
 26-lb Gasoline

Remarks:

Distribution:



Notifications - Offset Owners for Section 27			
<b>Section 22:</b>			
JOHN DRAPER BRANTLEY, JR.	706 WEST RIVERSIDE DRIVE	CARLSBAD, N M 88220	
MIKE G. & ELENA H. CARRASCO	2487 PECOS HWY	CARLSBAD, N M 88220	
JOHN W. ARMBRUST	3730 N. KEDVALE	CHICAGO, IL 60641	
MARGARET K. RICE & GALE KERN	2240 E. STATE HWY 94	DALLAS CITY, IL 62330	
RSE PARTNER - I, L.P.	3141 HOOD STREET, STE. 350	DALLAS, TX 75219	
SAMMY J. & ANN WRIGHT	192 ASH ROAD	LOVING, N M 88256	
BILLY JACK BAKER	P O BOX 154	LOVING, N M 88256	
GEORGE & GENEVA BURKHAM	184 OAK STREET	LOVING, N M 88256	
NIEVES B. & AMALIA S. JASSO	R 142 OAK STREET	LOVING, N M 88256	
IBK EXPLORATION CORPORATION	810 SOUTH CINCINNATI, STE. 208	TULSA, OK 74119	
<b>Section 23:</b>			
JOHN DRAPER BRANTLEY, JR.	706 WEST RIVERSIDE DRIVE	CARLSBAD, N M 88220	
WILL BRANTLEY	706 WEST RIVERSIDE DRIVE	CARLSBAD, N M 88220	
BETTIE-ANNE BRANTLEY	706 WEST RIVERSIDE DRIVE	CARLSBAD, N M 88220	
ALTURA ENERGY LTD.	P O BOX 4294	HOUSTON, TX 77210-4294	
JUAN & JEAN ESCOBAR	246 ASH ROAD	LOVING, N M 88256	
MARGARET L. FATE ET AL, TRUSTEES	2236 E. FAIRFIELD	MESA, AZ 85213	
RAM ENERGY, INC.	601 N. MARIENFELD, STE. 102	MIDLAND, TX 79701	
RAMCO OPERATING CO.	5100 EAST SKELLY DRIVE, STE 650	TULSA, OK 74135	
<b>Section 26 - west half:</b>			
TITAN RESOURCES I, INC.	500 W. TEXAS, STE. 200	MIDLAND, TX 79701	
<b>Section 35:</b>			
HALLWOOD PETROLEUM, INC.	P O BOX 37811	DENVER, CO 80237	
BK EXPLORATION CORPORATION	810 SOUTH CINCINNATI, STE. 208	TULSA, OK 74119	
ROLAND E. SCHURR	353 ELM STREET N., #B-5	TWIN FALLS, ID 83301-4884	
MARGARET L. FATE ET AL, TRUSTEES	2236 E. FAIRFIELD	MESA, AZ 85213	
PJC REVOCABLE TRUST	1409 S. SUNSET	ROSWELL, N M 88201	
<b>Section 34:</b>			
MARTHA STRIBLING	1931 SAN MATEO, NE	ALBUQUERQUE, N M 87110	
JANE REESE	1801 EL VISTA CIRCLE	ARCADIA, CA 91006-1615	
O. O. OGDEN	24030 NE AIRPORT ROAD	AURORA, OR 97002	
MARY JO DICKERSON	501 S. OLTORF	AUSTIN, TX 78704	

ALEC G. MCGONAGILL		217 S. CANYON	CARLSBAD, N M 88220
JOHN E. OSBORN		521 N. ASH	CARLSBAD, N M 88220
JACK GREGORY & RUTH GREGORY		2111 LA HUERTA DR.	CARLSBAD, N M 88220
CLARENCE W. ERVIN & MARY I. ERVIN		404 W. TEXAS	CARLSBAD, N M 88220
LAURA MEADE		609 1/2 N. MESA	CARLSBAD, N M 88220
THOMAS L. MAREK		P O DRAWER AA	CARLSBAD, N M 88220
VIRGINIA LEE DAVIS		2519 OHIO	CARLSBAD, N M 88220
GOSSETT & ONSTOTT		P O BOX 1687	CARLSBAD, N M 88221-1687
PARDUÉ LIMITED CO.		P O BOX 2018	CARLSBAD, N M 88221-2018
ESTATE OF EDWARD E. PETSCHKE		42126 E. EDWARD DRIVE	CLINTON TOWNSHIP, MI 48038
EVELYN L. RAMSEY	C/O BILLYE RAMSEY JOHNSON	9415 FOREST HILLS	DALLAS, TX 75218
BURLINGTON NORTHERN & SANTA FE RAILWAY COMPANY		P O BOX 961089	FT. WORTH, TX 76161-0089
JOHN GUITAR WITHERSPOON JR. C/O BRETT WITHERSPOON		P O BOX 100635	FT. WORTH, TX 76185-0635
BARTON BROTHERS LAND & ROYALTY BARTON BROTHERS		1919 N. TURNER ST.	HOBBS, N M 88240-2712
THE MORAN PARTNERSHIP		P O BOX 1919	HOBBS, N M 88241
DEWEY LEACH		P O BOX 156	HOBBS, N M 88241
KIRBY, RATLIFF, MANNING & GREAK		P O BOX 888	LITTLEFIELD, TX 79339
LOUIS M. RATLIFF, JR.		P O BOX 888	LITTLEFIELD, TX 79339
JOHNNY HALL III		235-B 23RD STREET	LITTLEFIELD, TX 79339
NOLAN GREAK		P O BOX 952	LITTLEFIELD, TX 79339
CATHERINE H. BEARD		201 S. CLUB DRIVE	LONGVIEW, TX 75602-1509
EUGENE D. BEARD		201 S. CLUB DRIVE	LONGVIEW, TX 75602-1509
JAMES L. EVANS		P O BOX 292	LOVING, N M 88256-0292
GOSSETT & WITT CO., INC. C/O J. S. WITT		P O BOX 1279	LOVING, N M 88256-1279
JERRY WILLIAMS		P O BOX 510	LOVINGTON, N M 88260
NEVILL MANNING		2112 INDIANA	LUBBOCK, TX 79410
MARGARET L. FATE ET AL, TRUSTEES OF THE ROXIE L. WILLIAMS TRUST		2236 E. FAIRFIELD	MESA, AZ 85213
DEBRA H. KUNKEL		1000 WEST LOUISIANA	MIDLAND, TX 79701
THE BEVERIDGE COMPANY		P O BOX 993	MIDLAND, TX 79702
GULF COAST OIL & GAS COMPANY		P O BOX 1684	MIDLAND, TX 79702
RICHARD S. GADDY		P O BOX 2572	MIDLAND, TX 79702
W. B. ROBBINS, III, TRUSTEE		P O BOX 10428	MIDLAND, TX 79702
BRAD BENNETT		P O BOX 51510	MIDLAND, TX 79710-1510
GENE W. & DOROTHY J. ALLEN	TRUSTEES-ALLEN REVOCABLE TRUST	12717 ARROWHEAD DRIVE	OKLAHOMA CITY, OK 73120
PJC REVOCABLE TRUST	C/O PATRICIA J. COOPER, TRUSTEE	1409 S. SUNSET	ROSWELL, N M 88201
BK EXPLORATION CORPORATION		810 SOUTH CINCINNATI, STE. 208	TULSA, OK 74119
DONNA KIRK STRAHAN		4403 SHERIDAN ST.	UNIVERSITY PARK, MD 20782
KEITH C. WINSOR & JEANNEEN C. MOORE		200 W. DOUGLAS, STE. 600	WICHITA, KS 67202-3089

<b>Section 33:</b>			
CORINNE GRACE		P O BOX 1418	CARLSBAD, N M 88221-1418
W. W. DOLLY	C/O JOHN W. HELD	5710 FAIRVIEW ROAD	GADSDEN, AL 35904-7123
BARTON BROTHERS		1919 N. TURNER ST.	HOBBS, N M 88240-2712
FELIPE & LINDA BARRERA		1929 PECOS HWY	LOVING, N M 88256
VIVIANO & DELIA TREVINO		P O BOX 277	LOVING, N M 88256-0277
GASGO, INC.		P O BOX 4122	MIDLAND, TX 79702
<b>Section 28:</b>			
SOUTHWESTERN PUBLIC SERVICE CO.		P O BOX 1261	AMARILLO, TX 79170-1261
DR. A. H. GUTIERREZ		RR 10, BOX 513C	EDINBURG, TX 78539
VILLAGE OF LOVING		P O BOX 565	LOVING, N M 88256-0056
VICTOR F. ONSUREZ		P O BOX 393	LOVING, N M 88256-0393
SDX ENERGY PARTNERS, L.L.C		511 WEST OHIO, STE. 601	MIDLAND, TX 79701
KAISER-FRANCIS OIL COMPANY		P O BOX 21468	TULSA, OK 74121-1468
SYLVITE CORPORATION		6966 SOUTH UTICA, SUITE 200	TULSA, OK 74136