

The following document(s) have been intentionally omitted from this file due to the indicated reasons.

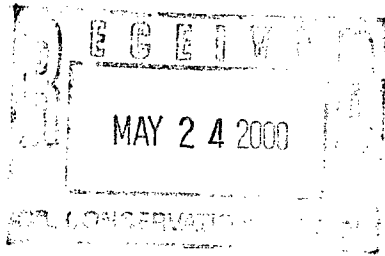
DESCRIPTION OF OMITTED DOCUMENTS

OMITTED DOCUMENT

REASON OMITTED

Acoustic WF Cement Bond Log Too large

DHC 6/13/00



2757

**NEW MEXICO OIL CONSERVATION DIVISION
APPLICATION FOR EXCEPTION TO RULE 303:
DOWNHOLE COMMINGLING
SOUTH CULEBRA BLUFF (BONE SPRING)
&
EAST LOVING DELAWARE (BRUSHY CANYON)
UNIT N, 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. 6 was completed in the Bone Springs in 1981, and was recompleted in the Brushy Canyon in 1990. In 1993 an order was issued by the OCD increasing the GOR for the pool to 8:1.

If commingling is not granted at this time, Titan will be forced to abandon a productive zone and likely lose the lease and additional reserves if a case cannot be made 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 6512'.

Both oil zones require artificial lift.

The Brushy Canyon produced 130 BWPD, which is more than the combined limit of 50 BWPD.

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

6

N

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)	5900' 6246'		6246' 6512'
c. Type of production (Oil or Gas)	oil		oil
d. Method of Production (Flowing or Artificial Lift)	artificial lift		artificial lift
e. Daily Production ☒ Actual ☐ Estimated Oil Bbbls. Gas MCF Water Bbbls.	5 BOPD 18 MCFPD 130 BWPD		6 BOPD 45 MCFPD 3 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

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
1825 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

OIL CONSERVATION DIVISION

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

Form C-107-A
Revised August 1999

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 No. 6

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 23844 Federal ___ State ___ (and/or) Fee ☒

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	40350 East Loving Delaware		15011 South Culebra Bluff
2. Top and Bottom of Pay Section (Perforations)	5900' - 6246'		6246' - 6512'
3. Type of production (Oil or Gas)	oil		oil
4. Method of Production (Flowing or Artificial Lift)	artificial lift		artificial lift
5. Bottomhole Pressure	a. (Current) 1250	a.	a. 1300
Oil Zones - Artificial Lift: Estimated Current	b. (Original)	b.	b.
Gas & Oil - Flowing: Measured Current	2447		2580
All Gas Zones: Estimated Or Measured Original			
6. Oil Gravity (EAPI) or Gas BTU Content	42.1		
7. Producing or Shut-In?	producing		shut in
Production Marginal? (yes or no)	Y		Y
* If Shut-In, give date and oil/gas/water rates of last production	Date: Rates:	Date: Rates:	Date: 11-91 Rates: 6 BOPD 45 MCFPD 3 BWPD
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: 2/2000 Rates: 5 BOPD 18 MCFPD 130 BWPD	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)			
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: 45.45 % Gas: 28.57%	Oil: % Gas: %	Oil: 54.55 % Gas: 71.43 %

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. NMOC 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
311 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

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-23844		Pool Code 40350		Pool Name East Loving Delaware (Brushy Canyon)	
Property Code 23464		Property Name Pardue Farms 27			Well Number 6
OGRID No. 150661		Operator Name Titan Resources I, Inc.			Elevation 3061' GR

¹⁰ Surface Location

UL or lot no. N	Section 27	Township 23S	Range 28E	Lot Idn	Feet from the 766'	North/South line south	Feet from the 1874	East/West line west	County Eddy
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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
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¹² Dedicated Acres 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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				¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>  Signature Laura Clepper Printed Name Regulatory Analyst Title 4/18/2000 Date
				¹⁸ SURVEYOR CERTIFICATION <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> Date of Survey Signature and Seal of Professional Surveyer: Certificate Number

1875'

766'

Well Bore Schematic

Lease: PARQUE FARMS 27 Well: 6 Field: E. LOVING (BRUSHY CANYON)
 Location: 766 feet F.S.L. & 1874 feet F.W.L. Section 27 Township 23 S Range 28 E
 Unit N Block N Survey EDDY County, NM State

Spud Date: _____
 Completion Date: _____

GL 3060'
 DF _____
 KB 3072'

Surface Casing

8 7/8" OD, 24 #/ft, grade 1-SS
 Casing Set at 490
 Cmt with 335 sks, Circ 20 sks
 Hole Size: 12 1/4"

Intermediate Casing

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

1 JT BP MA
2 3/8" PERFS SUB
2 3/8" SN w/ 1 1/4" x 20' DIP IN PLACE
1 JT 2 3/8" SUB (10')
1-2 3/8" x 1 3/4" ABL (6')
1-2 3/8" x 2' SUB
1 LITS 2 3/8"
TAC @ 4574
142 JTS 2 3/8"
1 3/4" x 15' SPRAY METAL PLNGR
9-1 1/2" K-BARS
120-3/4"
68-7/8"

Current Perforations:

11-81: BONE SPRING 6297-6512 Fw/40,000 + 165,000 #

12-89: DELAWARE: 5900'-6288' (39 HOLES)
Fw/ 50,000 + 171,000 #

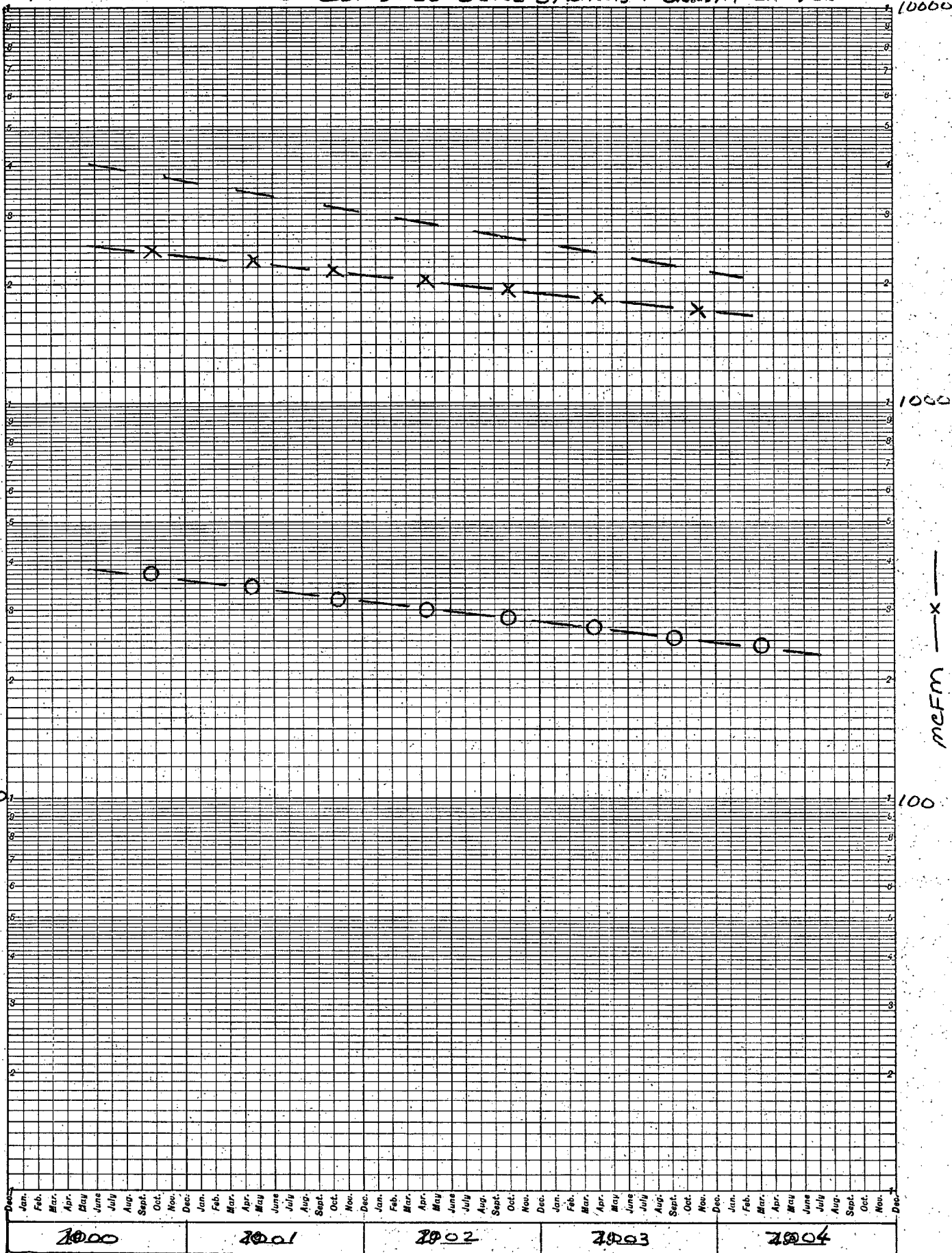
Production Casing

4 1/2" OD, 10.5 11.6 #/ft, grade K-SS, lhd LT+C
 Casing Set @ 7315 w/ 2080 total sks
 in 2 stages with DV tool set @ 2365
 Stage 1 circ? 50 sks TOC @ _____ by _____
 Stage 2 circ? 25 sks TOC @ _____ by _____
 Stage 3 circ? _____ sks TOC @ _____ by _____
 Hole Size: _____"

PBTD: 6246'
 TD: 7315'

Date: 3-2-98
 Prepared By: PETER WILKINSON

PARDUE FARMS 2746 COMBINED BONE SPRINGS & BRUSHY CANYON



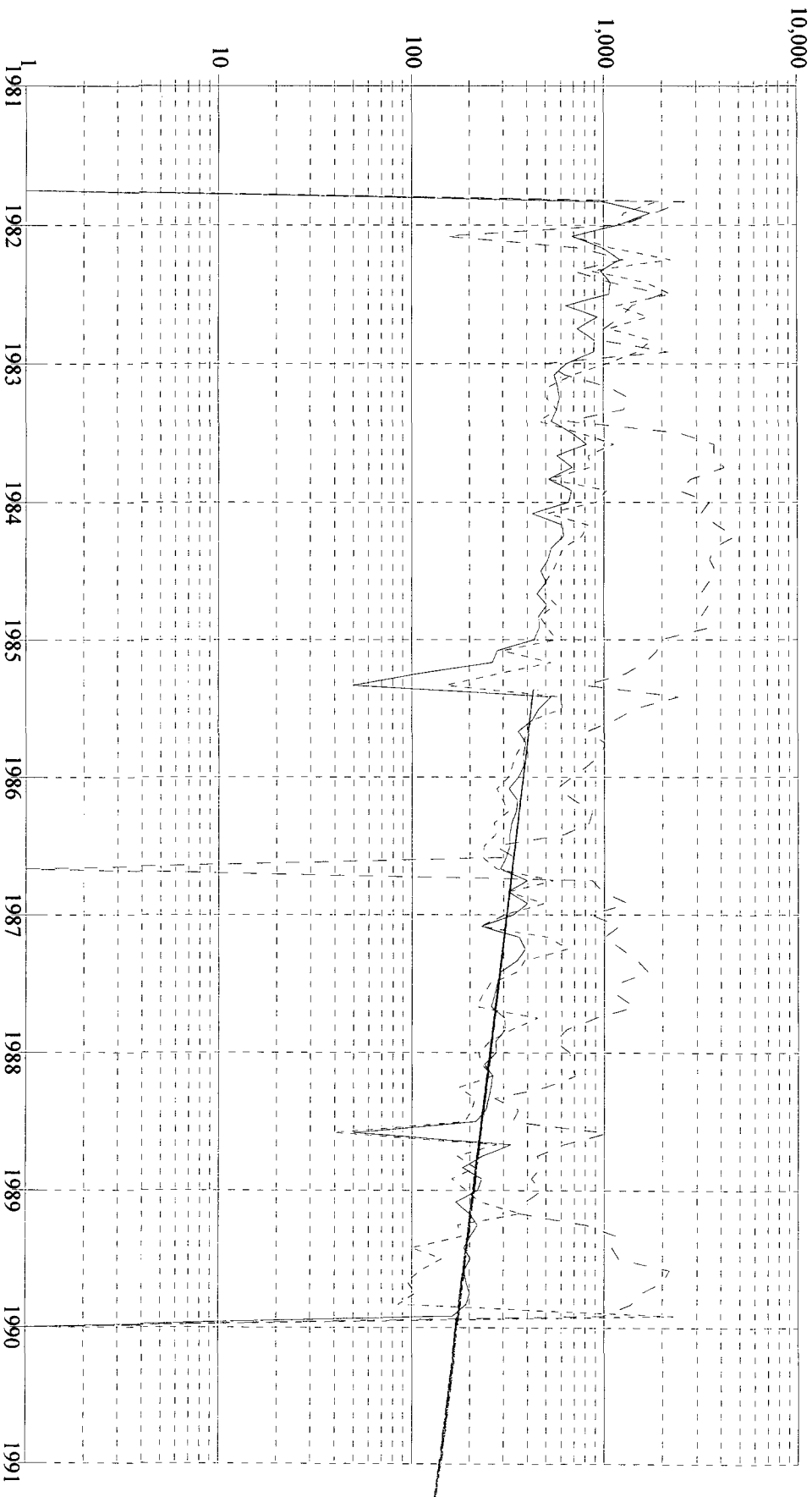
DIRECT FROM CODEX BOOK CO., NORWOOD, MASS. 02062
 CODEX®
 Graph Paper
 FIVE YEARS BY MONTHS X 3 3-INCH CYCLES RATIO RULING
 T3 37N LG
 PRINTED IN U.S.A.

BOPM — o —
 BWPM — x —

meFM — x —

Oil	---
Gas	---
Water	---
Wells	---

Field: CULEBRA BLUFF SOUTH
 Lease: PARDUE FARMS 27 BATTERY 6 | Well #6
 Operator: PARKER & PARSLEY PETROLEUM COMPANY
 Production Rate vs Time
 For the Period 01/1981 to 12/1990 | API: 30015238440000



Bbl/Mo or Mcf/Mo

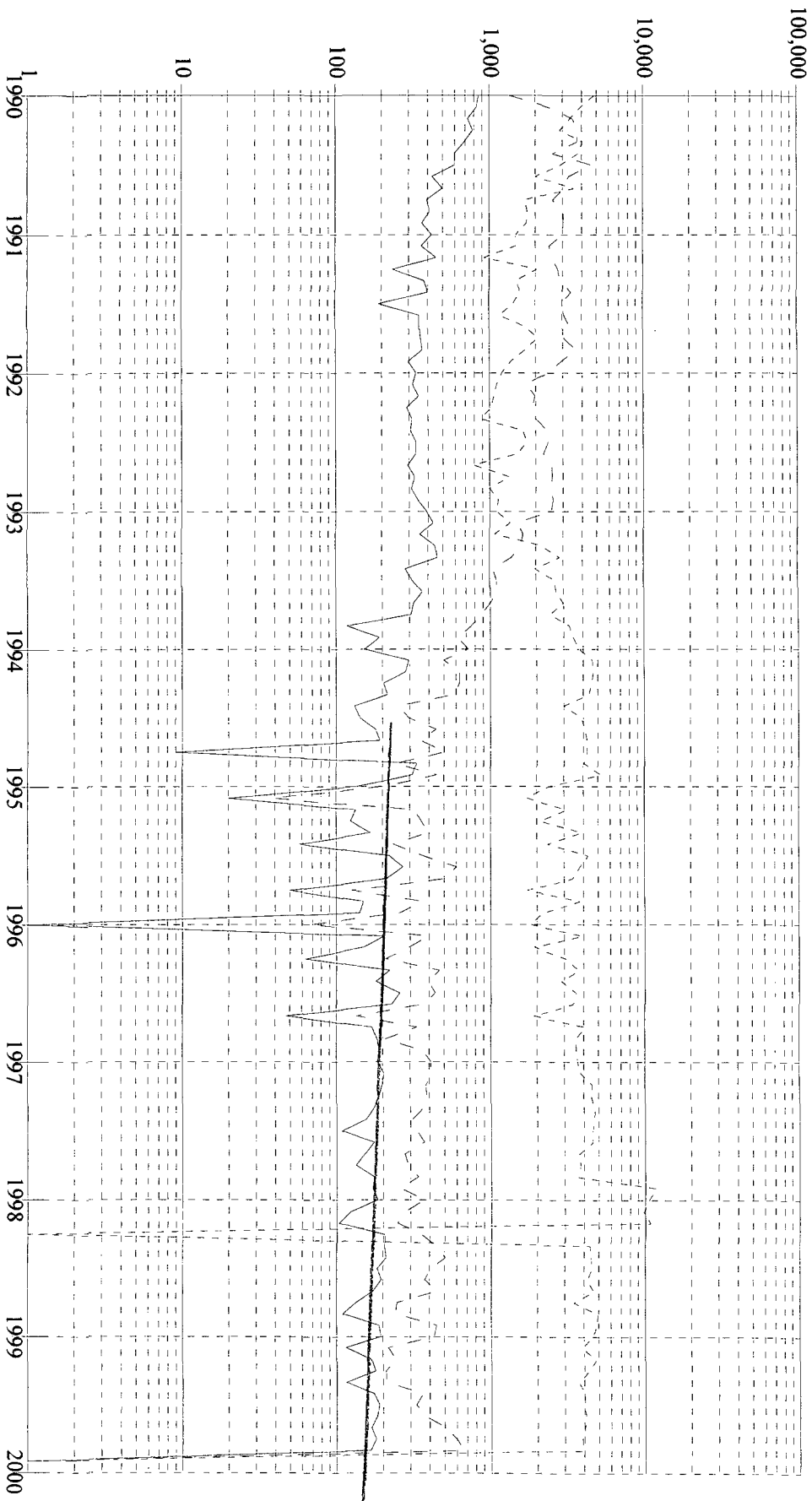
Time

Reported Oil Production = 44,493 Bbls
 Reported Gas Production = 143,465 Mcf
 Reported Water Production = 55,745 Bbls

Oil
Gas
Water
Wells

Field: LOVING EAST
 Lease: PARDUE FARMS 27 | Well #6
 Operator: TITAN RESOURCES I INCORPORATED
 Production Rate vs Time
 For the Period 01/1990 to 12/1999 | API: 30015238440000

BBI/Mo or Mcf/Mo



Reported Oil Production = 31,001 Bbls
 Reported Gas Production = 140,985 Mcf
 Reported Water Production = 389,960 Bbls

Time

MAR 22 '89 08:13 BJ TITAN
MAR 22 09 28:48 B.J. TITAN (ODESSA, TEXAS)



PLEASE REPLY 828 S. GRANDVIEW
P.O. BOX 8078
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:

Bone Springs

Brush Canyon

Specific Gravity @ 60°F:
pH:

1.186
5.94

1.196
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:

CaCO₃:

Probable

Probable

CaSO₄:

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 OR PRODUCTS RECEIPT TICKET
PERMIAN OPERATING LIMITED PARTNERSHIP & A

☒ PERMIAN
☐ WESTERN OIL TRANSPORTATION
☐ OTHER

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

FROM (OPERATOR) Parker + Parsley

(LEASE) Pardue Farms 27-T

1 OPENING DATE

1 2 8 8 9 1306 112

5 6 5 6 8 1 6 2 3 2 0

STATION NO. 29 TANK SIZE

OBS GRAVITY 42.2 50 10

WHOLE TENTHS

TANK GAUGE OIL LEVEL

1 8 0 1 0 0 52

2 2 0 6 0 0

ESTIMATED BARRELS

METER READINGS

CLOSING HOURS

OPENING HOURS

GROSS BARRELS HOURS

NET BARRELS HOURS

CALCULATIONS

187.77

REMARKS

Eddy Co. N.M.

Sec. 27-T23-R28

DRIVER - GAUGER Sam Warden TIME 11:45A DATE 1-28-89

WITNESS Sam Warden OFF SEAL D/A

DRIVER - GAUGER Sam Warden TIME 12:15P DATE 1-28-89

WITNESS Sam Warden ON SEAL D/A

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 27-6

1 **OPENING DATE**

1 2 8 8 9 11 15 88

5 6 2 9 4 8 6 2 5 2 3

STATION NO. 0 2 9 TANK SIZE 200

OBS. GRAVITY 42.0 52 10

WHOLE TENDERS

TANK GAUGE OIL LEVEL

1 11:00:14 54

2 11:09:14

ESTIMATED BARRELS 185.13

METER READINGS

CLOSING HOURS 1

OPENING HOURS

GROSS BARRELS

NET BARRELS

CALCULATIONS

185.14

REMARKS

Sec. 27-235-28E

DRIVER - GAUGER Eddy G. N. H. DATE 11-28-89

WITNESS M. L. Fanning OFF SEAL

DRIVER - GAUGER M. L. Fanning DATE 11-28-89

WITNESS N.S.D. ON SEAL

N.S.D.

"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 URLN.

Lease: PARDUE FARMS 27 #34 Producer PARKER PARSLEY PETR.

Location _____ County EDDY State NEW MEXICO

Purpose _____ Sampled By B & C URLN.

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 _____

Nitrogen N₂ 4.687

Hydrogen Sulfide H₂S _____

Methane C₁ 75.902

Ethane C₂ 10.378

Propane C₃ 4.792

Iso-Butane IC₄ .560

Nor-Butane NC₄ 1.582

Iso-Pentane IC₅ .376

Nor-Pentane NC₅ .418

Hexanes plus .583

Hexanes C₆ _____

Heptanes _____

Heptanes Plus C₇+ _____

Total 100.000

Pentane + G.P.M. .558

Propane + GPM 2.561

26-lb Gasoline

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

Remarks:

Distribution:

"Let your Interest in Measurement be our Concern"



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

BONE SPRINGS

Run No. 314-B
Date Run 03/16/89
Date Sampled 03/16/89

Analysis For: BENNETT & CATHEY WRLN.

Lease: PARQUE FARMS 27 #6

Location

Purpose

Sampling Temp. 60 °F

Volume/day

Pressure on Bomb 50

Producer

PARKER PARSLEY PETR.

County

EDDY

State

NEW MEXICO

Sampled By

B & C WRLN.

Atmos Temp.

°F

Formation

PSIG: Line Pressure

63.2

PSIA

PSIG

Gas Component

Analysis

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	<u>5.146</u>		
Oxygen O ₂			
Nitrogen N ₂	<u>4.313</u>		
Hydrogen Sulfide H ₂ S			
Methane C ₁	<u>67.787</u>		
Ethane C ₂	<u>10.312</u>		<u>2.758</u>
Propane C ₃	<u>6.217</u>		<u>1.713</u>
iso-Butane iC ₄	<u>.832</u>		<u>.272</u>
nor-Butane nC ₄	<u>2.448</u>		<u>.772</u>
iso-Pentane iC ₅	<u>.744</u>		<u>.272</u>
nor-Pentane nC ₅	<u>.896</u>		<u>.324</u>
hexanes plus	<u>1.305</u>		<u>.602</u>
heptanes C ₆			
heptanes Plus C ₇ +			
Total	<u>100.000</u>		<u>6.714</u>
pentane + G.P.M.			<u>1.199</u>
propane + GPM			<u>3.956</u>
5-lb Gasoline			

BTU Dry 1276
BTU Wet 1254
Calc. Specific Gravity .852

@ Std. Press. 14.696

BTU Dry 1273
BTU Wet 1251

Calc. Vap. Press. #/Sq.In.

Reid Vap. Press. #/Sq.In.

Z Factor .9958
N Value 1.2737
Ave Mol Wt 24.5877
Ave Cu Ft/Gal

Run by JEFFREY A. PROPP

Calculated By JEFFREY A. PROPP

Remarks:

Distribution:

Notifications - Offset Owners for Section 27				
Section 22:				
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	C/O SCOTT HIGGINS	184 OAK STREET		LOVING, N M 88256
NIEVES B. & AMALIA S. JASSO		R 142 OAK STREET		LOVING, N M 88256
BK EXPLORATION CORPORATION		810 SOUTH CINCINNATI, STE. 208		TULSA, OK 74119
Section 23:				
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	OF THE ROXIE L. WILLIAMS TRUST	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
Section 26 - west half:				
TITAN RESOURCES I, INC.		500 W. TEXAS, STE. 200		MIDLAND, TX 79701
Section 35:				
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	OF THE ROXIE L. WILLIAMS TRUST	2236 E. FAIRFIELD		MESA, AZ 85213
PJC REVOCABLE TRUST	C/O PATRICIA J. COOPER, TRUSTEE	1409 S. SUNSET		ROSWELL, N M 88201
Section 34:				
MARTHA STRIBLING		1931 SAN MATEO, NE		ALBUQUERQUE, N M 87110
JANE REESE	C/O JOHN R. JONES	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
PARDUE 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 & GREK		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 GREK		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 1884	MIDLAND, TX 79702
RICHARD S. GADDY		P O BOX 2572	MIDLAND, TX 79702
W. B. ROBBINS, III, TRUSTEE	OF THE RSG TRUST DTD 9-3-99	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

Section 33:					
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
Section 28:					
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