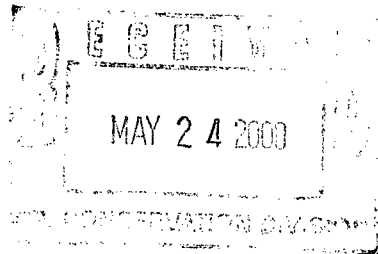


DHC 6/13/00



2756

**NEW MEXICO OIL CONSERVATION DIVISION
APPLICATION FOR EXCEPTION TO RULE 303:
DOWNHOLE COMMINGLING
SOUTH CULEBRA BLUFF (BONE SPRING)
&
EAST LOVING DELAWARE (BRUSHY CANYON)
UNIT D, SECTION 26, 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 making application 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 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 26 No. 2 was drilled first in 1978 as Amoco's Queen "B" No. 1 but was D&A. Maddox Energy completed it in the South Culebra Bluff Bone Springs in 1980. In a workover the Bone Springs zone was dually completed with the East Loving Delaware Brushy Canyon in 1989, and the Bone Springs zone was shut-in in 1991. 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) in this well.

RULE 303. SEGREGATION OF PRODUCTION FROM POOLS

DOWNHOLE COMMINGLING

The total combined daily oil production from oil zones before commingling is 22. The lowermost perforation in the lower pool is 6676'.

Both oil zones require artificial lift.

The fluids from each zone have been analyzed and are compatible, thus 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.

Operator	Address				
Pardue Farms 26	2	D	26	23-S 28-E	Eddy
Lease	Well No.	Unit Ltr.	- Sec	- Twp	- Rge

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	East Loving Delaware		South Culebra Bluff
b. Top and Bottom of Pay Section (Perforations)	6016 6232		6406 6676
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 Bbls. Gas MCF Water Bbls.	9 BOPD 51 MCFPD 10 BWPD		8 BOPD 100 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

Laura Clepper

Regulatory

Printed Name & Title Laura Clepper, 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

X YES ___ NO

APPLICATION FOR DOWNHOLE COMMINGLING

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

Operator

Address

Pardue Farms 26

2

D 26 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 23465 API NO. 30 015 22647 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)	6016 6232		6406 6676
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 Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. (Original) 2447	b.	b. 2580
6. Oil Gravity (EAPI) or Gas BTU Content	42.1		
7. Producing or Shut-In?	P		SI
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: 9/91 Rates: 8 BOPD 100 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: 9 BOPD 51 MCFPD 10 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: 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? X Yes ___ No
If not, have all working, overriding, and royalty interests been notified by certified mail? ___ Yes ___ No

11. Will cross-flow occur? ___ Yes X 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? X Yes ___ No

13. Will the value of production be decreased by commingling? ___ Yes X 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

(Trainer)
Carter Farms
Formis, Co.

State
BK Expl
London

23

28

31

Teledyne
U.S. Potash Co

Formis, Co.

State
BK Expl
London

23

28

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U.S. Potash Co

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State
BK Expl
London

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31

Teledyne
U.S. Potash Co

PARDUE FARMS 26 #2 COMBINED BONESPRINGS & BRUSHY CANYON

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

CODEX
Graph Paper

T3 37N LG

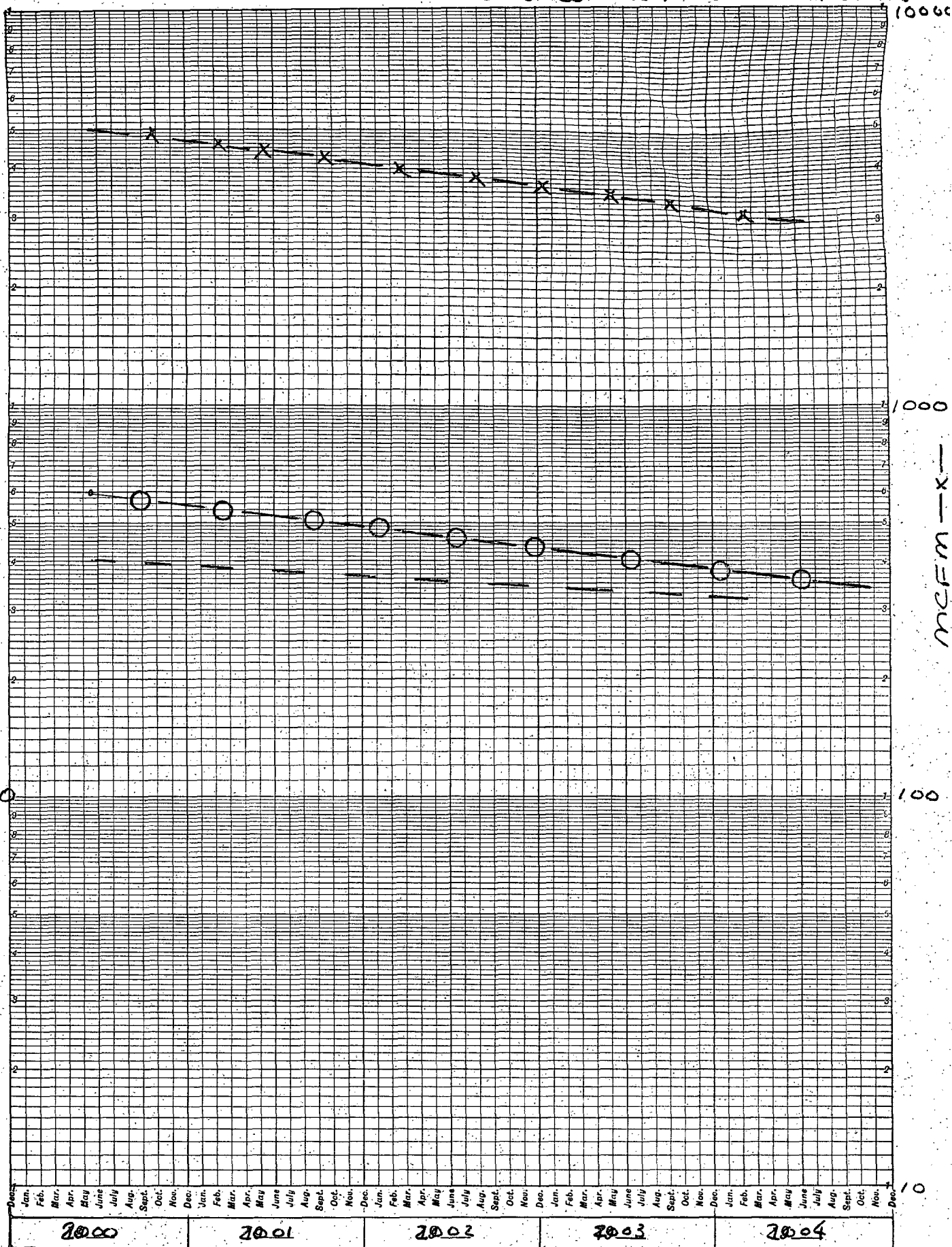
FIVE YEARS BY MONTHS X 3 3-INCH CYCLES RATIO RULING

BOPM — 0 —
BWP — — —

10

100

1000



mcm — x —

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

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

1 API Number 30-015-22647		2 Pool Code 40350		3 Pool Name East Loving Delaware (Brushy Canyon)	
4 Property Code 23465		5 Property Name Pardue Farms 26			6 Well Number 2
7 OGRID No. 150661		8 Operator Name Titan Resources I, Inc.			9 Elevation 3022.5' GR

10 Surface Location

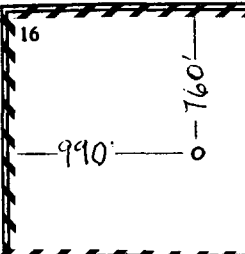
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	26	23S	28E		760'	north	990	west	Eddy

11 Bottom Hole Location If Different From Surface

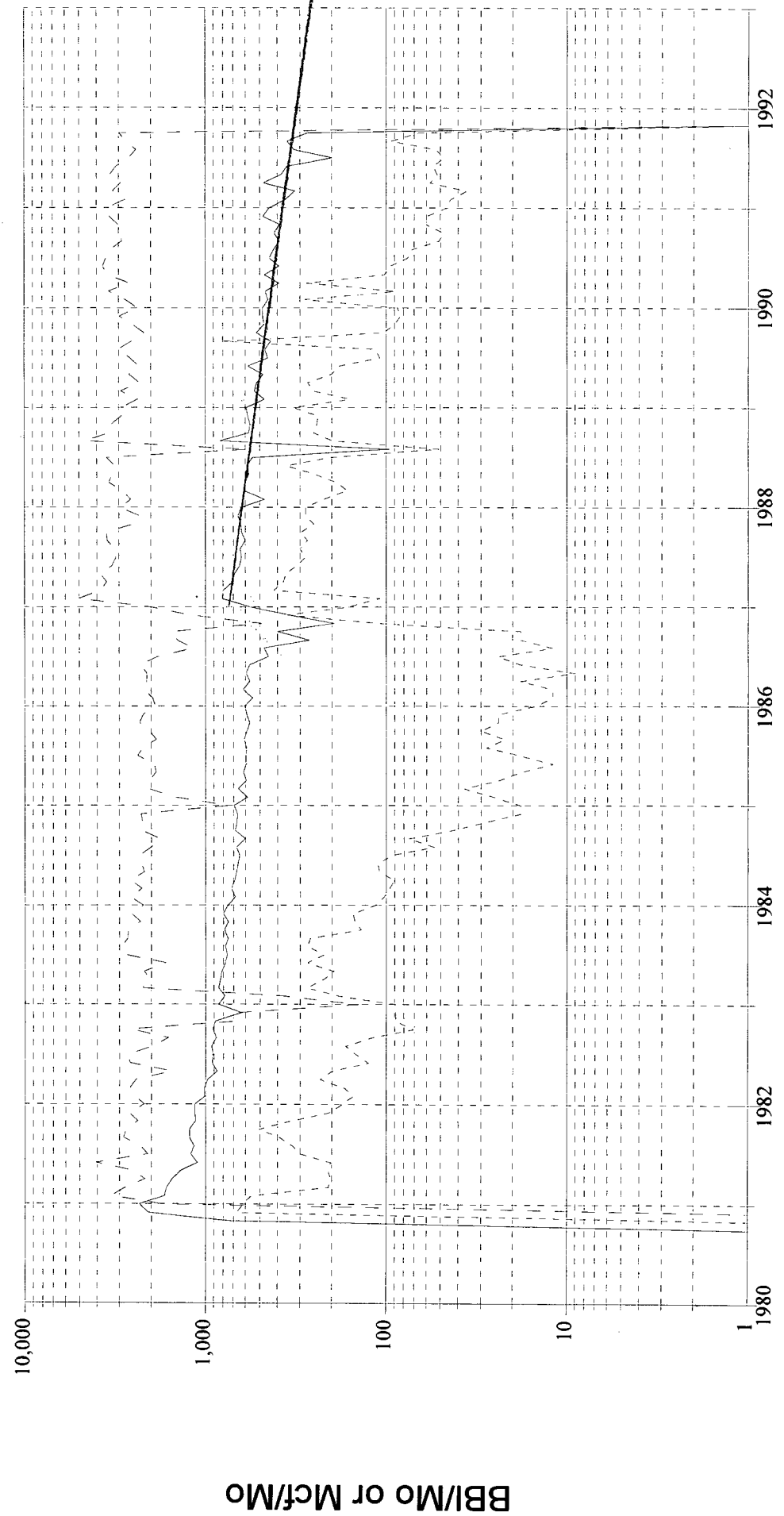
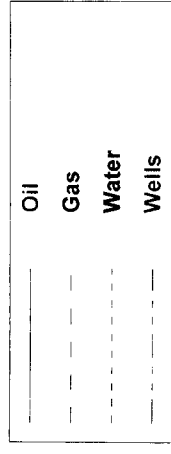
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

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 	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Signature Laura Clepper Printed Name Regulatory Analyst Title 4/18/2000 Date			
	18 SURVEYOR CERTIFICATION 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. Date of Survey Signature and Seal of Professional Surveyer:			
	Certificate Number			

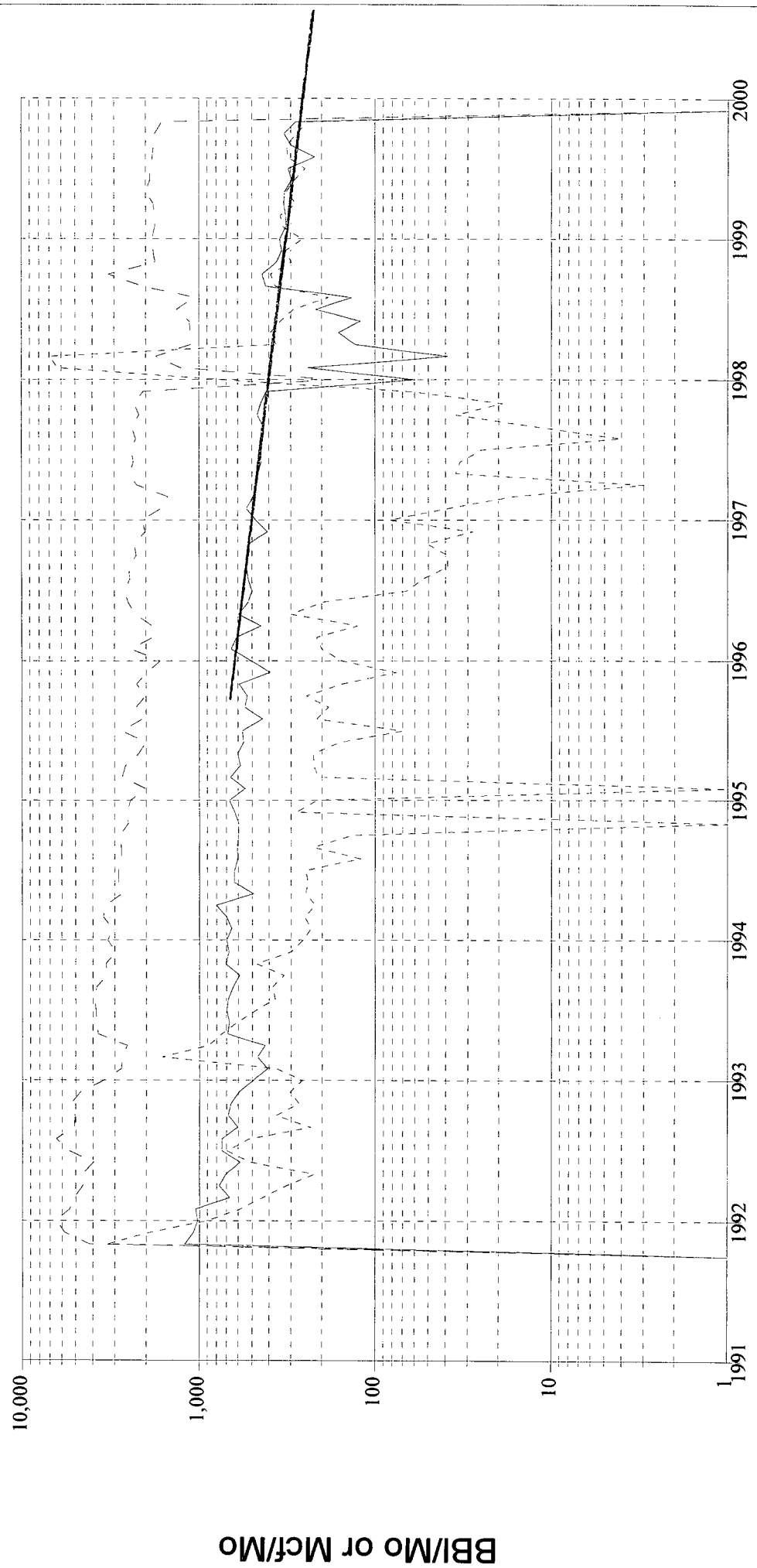
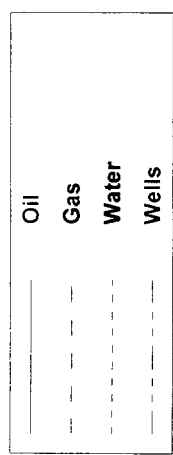
Field: CULEBRA BLUFF SOUTH
 Lease: PARDUE FARMS 26 BATTERY 2 | Well #2
 Operator: PARKER & PARSLEY DEVELOPMENT COMPANY
 Production Rate vs Time
 For the Period 01/1980 to 12/1992 | API: 30015226470000



Time

Reported Oil Production = 90,551 Bbls
 Reported Gas Production = 325,330 Mcf
 Reported Water Production = 21,341 Bbls

Field: LOVING EAST
 Lease: PARDUE FARMS 26 | Well #2
 Operator: TITAN RESOURCES I INCORPORATED
 Production Rate vs Time
 For the Period 01/1991 to 12/1999 | API: 30015226470000



Time

Reported Oil Production = 50,295 Bbls
 Reported Gas Production = 265,141 Mcf
 Reported Water Production = 43,772 Bbls

MAR 22 '89 08:13 BJTITAN
MAR 22 09:08:46 B.J. TITAN (ODESSA, TEXAS)

BJ TITAN SERVICES

PLEASE REPLY: 828 S. GRANDVIEW
P.O. BOX 3072
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
Calcium
Magnesium
Iron(Dissolved)
Barium
*Sodium

80,000
28,800
1,920
38
ND
91,701

88,000 ✓
32,800 ✓ .8
1,440 ✓ 1.4
1
ND
87,998 ✓ 1

Chlorides
Sulfate
Bicarbonate
Sulfide

198,000
282
312
NP

198,000 ✓
295 ✓
171 ✓
NP

Hydrogen Sulfide

NP

NP

TDS

321,053

320,705

Scaling Tendency:
CaCO₃:
CaSO₄:

Probable
Possible

Probable
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 4/1

☒ 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 12889 306112

565681 62320

STATION NO. 29 TANK SIZE

OBS. GRAVITY 42.7 50 10

WHOLE TENTHS

TANK GAUGE OIL LEVEL

1 FEET 8:01:00 52

2 FEET 2:06:00

ESTIMATED BARRELS

METER READINGS

CLOSING HNDRTHS

OPENING HNDRTHS

GROSS BARRELS HNDRTHS

NET BARRELS HNDRTHS

REMARKS

Eddy Co. Wmcl

Sec. 27-T233-R28

DRIVER - GAUGER Jim Warden

WITNESS

DRIVER - GAUGER Jim Warden

WITNESS

TIME 11:45A DATE 1-28-89

OFF SEAL

N/A

TIME 12:15P DATE 1-28-89

ON SEAL

N/A

187.77

A.P.I. Number: 30-015-22647

Well Bore Schematic

FORMERLY NAMED: QUEEN B #1

Lease: PARQUE FARM: 26 Well: 2 Field: E. LOVING

Location: 760 feet FNL & 990 feet FWL. Section 26 Township 23S Range 28E

UNIT
Block D Survey _____ Eddy County, NM State

RE-ENTERED 10-80

Spud Date: _____

Completion Date: _____

GL 3032
DF _____
KB _____

Surface Casing

13 3/8" OD, 48 #/ft. grade _____
Casing Set at 370
Cmt with 425 sks, Circ _____ sks
Hole Size: _____"

Intermediate Casing

8 5/8" OD, 24 #/ft. grade _____
Casing Set at 2599
Cmt with 1000 sks, Circ _____ sks
TOC @ _____ by _____
Hole Size: _____"

8-95: TUBOSCOPE TBG, 108 BAL JTS

2 JTS BP MA

4' PERF SUB

2 3/8" SN @ 6061'

8 JTS 2 3/8"

TAC @ 5806'

185 JTS

2 x 1 1/4 x 18'

8-1 1/2" K BAR

156-3 1/4"

77-7/8"

Current Perforations:

BS 6406-6476 AW/15,000 FW/88000 + 224,000 #

10-91:

DEL 6016-6232' FW/50,000 + 150,000 #

6016

6232

6406

6676

CTBP @
6240'

CTBP @
6300'
w/35' CMT

Production Casing

4 1/2" OD, 10.5 11.6 #/ft. grade _____, thd _____
Casing Set @ 6855 w/ 850 total sks
in 1 stages with DV tool set @ _____
Stage 1 circ? _____ sks TOC @ 4290 by ATS
Stage 2 circ? _____ sks TOC @ _____ by _____
Stage 3 circ? _____ sks TOC @ _____ by _____
Hole Size: _____"

PBTD: 6240-6790'

TD: 9777

Date: 3-20-98

Prepared By: PETER W. JILKINSON

PARDUE FARMS 27 #7

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

CRUDE OR PRODUCTS RECEIPT TICKET
PERMIAN OPERATING LIMITED PARTNERSHIP 4/1

☒ 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 2 0

STATION NO. 29 TANK SIZE 30

GRS GRAVITY 42.2 50 10

TANK GAUGE OIL LEVEL

1 8 0 1 0 0 52

2 2 0 6 0 0

METER READINGS

CLOSING HOURS

OPENING HOURS

GROSS BARRELS HOURS

NET BARRELS HOURS

187.77

REMARKS

Eddy Co. Prod
Sec 27-T23-R28

DRIVER - GAUGER Sam Warden TIME 11:45A DATE 1-28-89
WITNESS OFF SEAL D/A

DRIVER - GAUGER Sam Warden TIME 12:15P DATE 1-28-89
WITNESS ON SEAL D/A

OCR 1-400M REV. 12-87

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 URLN.

Lease: PARDUE FARMS 27 #24

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 4.687

Nitrogen N₂

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:



PRECISION SERVICE INC.

Flow Measurement Engineers

Analysis Results Summary

Casper, WY 82601

BONE SPRINGS

Run No. 316-8
Date Run 03/16/89
Date Sampled 03/16/89

Analysis For: BENNETT & CATHEY WRLN.

Lease: PARDUE FARMS 27 #6 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 50 PSIG: Line Pressure 63.2 PSIA PSIG

Gas Component

Analysis

Press. Base: 14.73

	Mol. %	Liq. %	GPM Per MCF
Carbon Dioxide CO ₂	5.146		
Oxygen O ₂	4.313		
Nitrogen N ₂			
Hydrogen Sulfide H ₂ S			
Methane C ₁	67.787		
Ethane C ₂	10.312		2.758
Propane C ₃	6.217		1.713
iso-Butane iC ₄	.832		.272
nor-Butane nC ₄	2.448		.772
iso-Pentane iC ₅	.744		.272
nor-Pentane nC ₅	.896		.324
hexanes plus	1.305		.602
heptanes C ₆			
heptanes Plus C ₇ +			
Total	100.000		6.714
pentane + G.P.M.			1.199
propane + GPM			3.956
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 26			
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 - east half:			
LEE B. & WILMA E. VOIGHT REV. TRUST	LEE B. & WILMA E. VOIGHT, TRUSTEES	1103 NORTH SHORE DRIVE	CARLSBAD, N M 88220-4637
MELESIO S. (JR) & LINDA D. PEREZ		P O BOX 2112	CARLSBAD, N M 88221-2112
ALTURA ENERGY LTD.		P O BOX 4294	HOUSTON, TX 77210-4294
L. BLOOM	C/O HAL COTTRELL	5735 MAUER ROAD	LAS CRUCES, N M 88005
HERSHEL E. (JR) & SHERRY C. STONE		65 GIOVENGO ROAD	LOVING, N M 88256
PETRA C. GONZALES	C/O ALICIA C. GONZALES	221R ASH	LOVING, N M 88256
JOHN DRAPER BRANTLEY, JR.	C/O TRIPLE "M" FARMS	P O BOX 597	LOVING, N M 88256-0597
RICKS EXPLORATION, INC.		210 PARK AVE., 300 OKLAHOMA TOWER	OKLAHOMA CITY, OK 73102
ESTATE OF GEORGE E. SPILLER	C/O JIMMIE C. SPILLER	3343 BUTTERLEIGH	SAN ANTONIO, TX 78247
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
PARDUUE 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 1684	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
P JC 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 27:			
TITAN RESOURCES I, INC.		500 W. TEXAS, STE. 200	MIDLAND, TX 79701

INTENTIONAL OMISSIONS

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

FILE # D#C 2756

DESCRIPTION OF OMITTED DOCUMENTS

OMITTED DOCUMENT

REASON OMITTED

Gamma Ray CCL: Cement Bond
Variable Density