

DATE IN 2/14/00	SUSPENSE 3/6/00	ENGINEER DC	LOGGED KV	TYPE DHC
-----------------	-----------------	-------------	-----------	----------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

2670

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
[DD-Directional Drilling] [SD-Simultaneous Dedication]
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling
NSL NSP DD SD

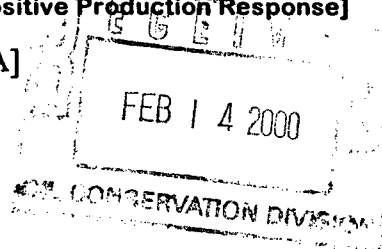
Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

X DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

WFX PMX SWD IPI EOR PPR



[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply

[A] X Working, Royalty or Overriding Royalty Interest Owners

[B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] X Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Peggy Cole

Peggy Cole

Regulatory/Compliance Administrator

Print or Type Name

Signature

Title

Date

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

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
Revised March 17, 1999

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

EXISTING WELLBORE

☒ YES ☐ NO

BURLINGTON RESOURCES OIL & GAS COMPANY

PO Box 4289, Farmington, NM 87499

Operator

Address

Huerfano Unit

113

C, Sec 33, T27N, R10W

San Juan

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7139 API NO. 30-045-0618200 Federal ☒ X, 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	Angels Peak Gallup - 2170		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	5678' - 5714'		6286' - 6434'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	(Current) a. 143 psia @ 5696'	a.	a. 231 psia @ 6360'
	(Original) b. 1364 psia @ 5696'	b.	b. 2460 psia @ 6360'
6. Oil Gravity (EAPI) or Gas BTU Content	1346 BTU		1338 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
* 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	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 12/31/99 Rates: 5 MCFD 0 BOD, 0 BWD	Date: Rates:	Date: 12/31/99 Rates: 16 MCFD, 0 BOD, 0 BWD
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: Gas: Will supply for commingling	Oil: % Gas: %	Oil: Gas: Will supply for commingling

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 ☐ No11. 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 ☐ No13. 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).

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

TITLE Operations Engineer

DATE 02/07/00

TYPE OR PRINT NAME Joe A. Michetti

TELEPHONE NO. (505) 326-9700

Huerfano Unit 113
Unit C, Sec. 33, T27N R10W
San Juan County, New Mexico

Production Allocation Based On Cumulative Production Through 10/99

	Cumulative Production		% Allocation	
	MMSCF	MSTB Oil	% Gas	% Oil
Gallup	2,051.41	7.70	26%	11%
Dakota	5,817.21	62.96	74%	89%
Total	7,868.62	70.66	100%	100%

Gas Allocation:

	(Total Gallup Production)	2,051 MCF	
Gallup	-----		= 26%
	(Total Combined Production)	7,869 MCF	

	(Total Dakota Production)	5817.21 MCF	
Dakota	-----		= 74%
	(Total Combined Production)	7868.62 MCF	

Oil Allocation:

	(Total Gallup Production)	8 Bbl Oil	
Gallup	-----		= 11%
	(Total Combined Production)	71 Bbl Oil	

	(Total Dakota Production)	63 Bbl Oil	
Dakota	-----		= 89%
	(Total Combined Production)	71 Bbl Oil	

Well Location and Acreage Dedication Plat

Section A.

Date **AUGUST 31, 1960**

Operator **EL PASO NATURAL GAS COMPANY** Lease **HUERFANO UNIT** SF **078233**
 Well No. **113(GD)** Unit Letter **G** Section **33** Township **27-N** Range **10-W** NMPM
 Located **990** Feet From **NORTH** Line, **1700** Feet From **WEST** Line
 County **SAN JUAN** G. L. Elevation **6107** Dedicated Acreage **320 & 320** Acres
 Name of Producing Formation **GALLUP AND DAKOTA** Pool **ANGEL PEAK GALLUP & ANGEL PEAK DAKOTA EXT.**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes ☐ No ☒ **XX**
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☒ No ☐ If answer is "yes", Type of Consolidation **Unit Agreement**
3. If the answer to question two is "no", list all the owners and their respective interests in the dedicated acreage outlined on the plat below:

Owner

Land Description

RECEIVED
SEP 23 1960
OIL CON. COM.
DIST. 3

Section B.

This is to certify that the information in Section A above is true and complete to the best of my knowledge and belief.

El Paso Natural Gas Company
 (Operator)

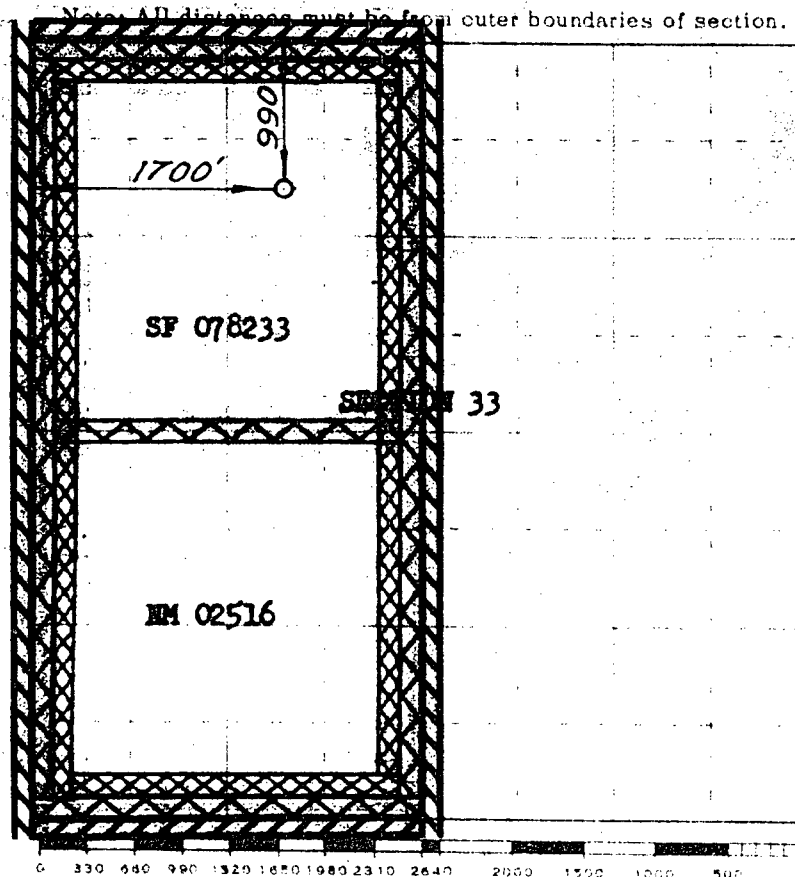
Original Signed **R. G. MILLER**
 (Representative)

Box 990

(Address)

Farmington, New Mexico

NOTE: THIS PLAT IS RE-ISSUED TO SHOW CORRECTED GALLUP DEDICATION.
9 19 60



Scale 4 inches equal 1 mile

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

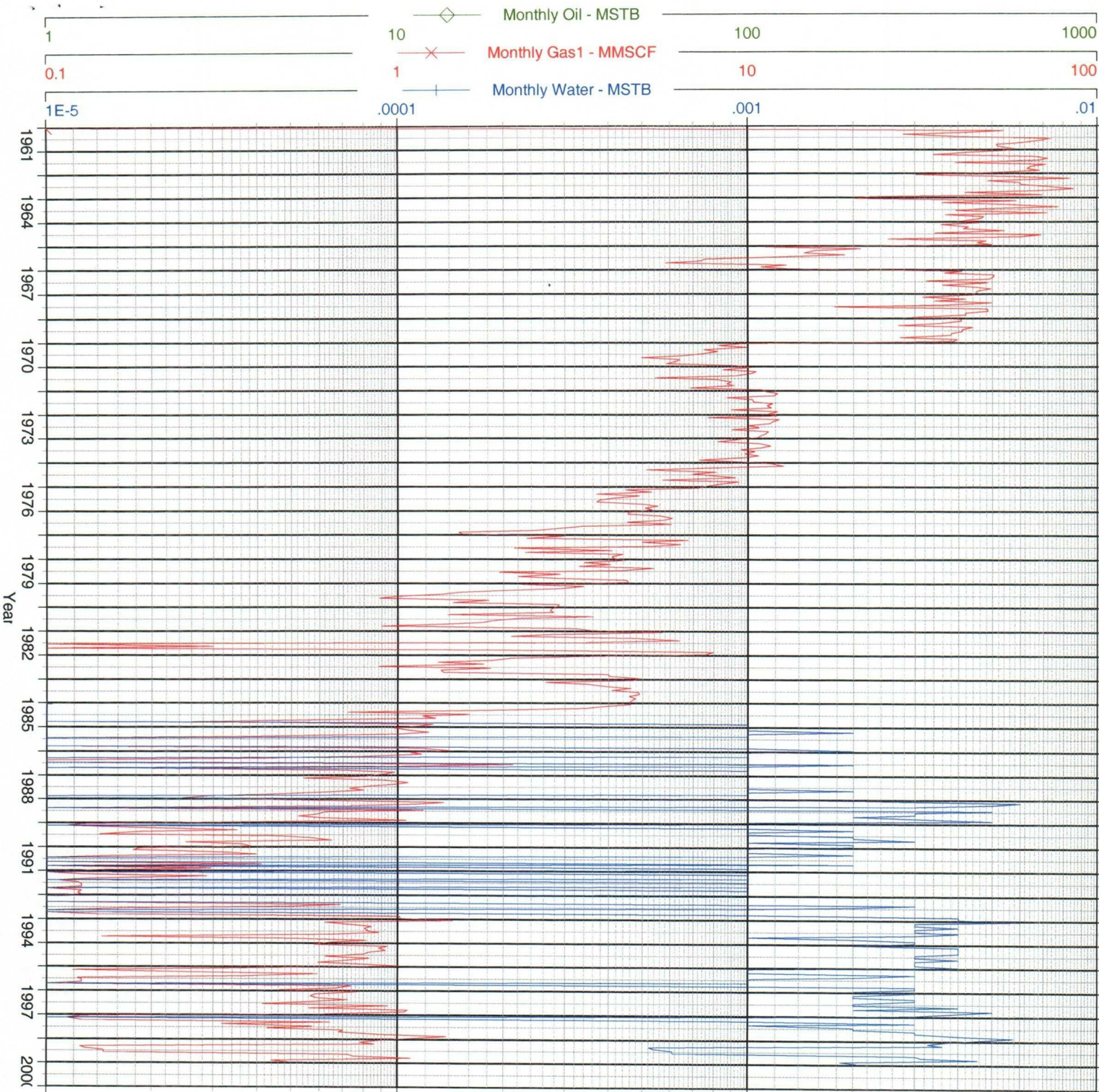
Farmington, New Mexico

Date Surveyed **MARCH 4, 1960**

David O. Kilmer
 Registered Professional Engineer and/or Land Surveyor

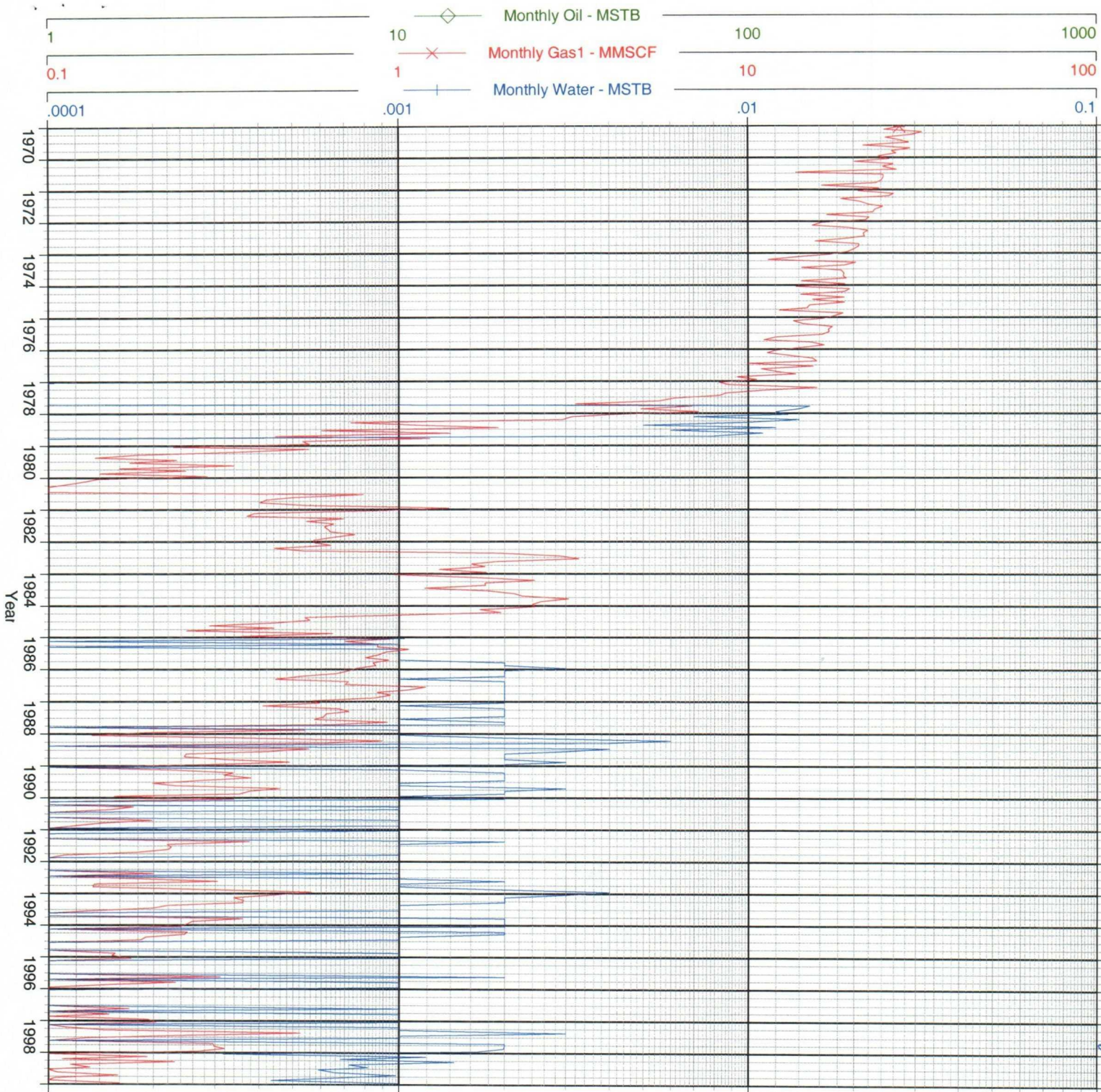
HUERFANO UNIT 113 5305902 (12965478958.5905) Data: Jan. 1961-Dec. 1999

Dale 07/99



◇ Monthly Oil - MSTB
 Cum: 0 MSTB
 ✕ Monthly Gas1 - MMSCF
 Cum: 5818.14 MMSCF
 + Monthly Water - MSTB
 Cum: 0.311733 MSTB

HUERFANO UNIT 113 5305901 (72959492208.5512) Data: Jan. 1961-Dec. 1999 *Gail up*



◆ Monthly Oil - MSTB
 Cum: 0 MSTB
 * Monthly Gas1 - MMSCF
 Cum: 2051.64 MMSCF
 + Monthly Water - MSTB
 Cum: 0.32213 MSTB

OIL CONSERVATION DIVISION

API # 30-045-06182

Page 1
Revised 10/01/78

This form is not to
be used for reporting
packer leakage tests
in Southeast New Mexico

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator BURLINGTON RESOURCES OIL & GAS CO. Lease HUERFANO UNIT Well No. 113

Location

of Well: Unit C Sect 33 Twp. 027N Rge. 010W County SAN JUAN

	NAME OF RESERVOIR OR POOL	TYPE OF PROD. (Oil or Gas)	METHOD OF PROD. (Flow or Art. Lift)	PROD. MEDIUM (Tbg. or Csg.)
Upper Completion	GALLUP	Gas	Flow	Tubing
Lower Completion	DAKOTA	Gas	Flow	Tubing

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in 07/12/1999	Length of time shut-in 216 Hours	SI press. psig 118	Stabilized? (Yes or No)
Lower Completion	07/12/1999	168 Hours	709	

FLOW TEST NO. 1

Commenced at (hour,date)* 07/19/1999		Zone producing (Upper or Lower) LOWER	
TIME (hour,date)	LAPSED TIME SINCE*	PROD. ZONE TEMP	REMARKS
7/20/199	192 Hours	121	198
7/21/199	216 Hours	123	226

Production rate during test

Oil: BOPD based on _____ Bbls. in _____ Hours. _____ Grav. _____ GOR _____

Gas: _____ MCFPD; Tested thru (Orifice or Meter): _____

MID-TEST SHUT-IN PRESSURE DATA

Upper Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)
Lower Completion	Hour, date shut-in	Length of time shut-in	SI press. psig	Stabilized? (Yes or No)

(Continue on reverse side)

EL PASO NATURAL GAS COMPANY**WELL COMPLETION LOG**Well Huerfano Unit 113 (GD)
Name No.Land Office Santa FeAngel Peak Gallup Lease Number 078233Leasor El Paso Natural Gas Company Area & Basin Dakota County San Juan State New MexicoSec. 33 Twp. 27-N Rge. 10-W 990 North South East 1700 West N.M.P.M.Elevation Gr. 6107 DF 6117**CASING RECORD**

Date	Size	Depth	Cement
10-24-60	10 3/4"	292'	340
11/13/60	2 7/8"	6525'	81
11/13/60	2 7/8"	5950	326
11/13/60	1 1/4"	1904'	170

Total Depth 6548Clean Out Depth G-5880; D-6484**TUBING RECORD**

Date	Size	Depth

PACKER

Date
Type
Depth

FORMATION TOPS

Ojo Alamo	788
Kirtland	909
Fruitland	1600
Pictured Cliffs	1806
Lewis	1882
Cliff House	3362
Menefee	3438
Point Lookout	4218
Mancos	4450
XXXXXX Gallup	5316
XXXXXX Sanostee	5836
XXXXXX Greenhorn	6194
XXXXXX Graneros	6254
XXXXXX Dakota	6320
Rico	
Pennsylvanian	
Hermosa	
Paradox	
Molas	
Mississippian	
Devonian	

DRILL STEM TESTS:

From	To	Time	Gage	Recovery
From	To	Time	Gage	Recovery
From	To	Time	Gage	Recovery
From	To	Time	Gage	Recovery

CORE:

From	To	Recovery
From	To	
From	To	

SHOOTING OR ACIDIZING:

From <u>See</u>	To	Quantity or Type Shot	Gage Before
From <u>Remarks</u>	To	Quantity or Type Shot	Gage Before

PERFORATIONS:From 5678-5698; To 5709-5714; From 6286-6291 To 6318-6324; From 6371-6376 To 6418-6434**SURVEYS:**ELECTRIC LOGS I-ES-294-6514; Sonic-5250-6535TEMPERATURE SURVEYS 2 7/8" Dakota @ 6100'; 2 7/8" Gallup - 4810'; 1 1/4" @ 1420'**INITIAL POTENTIAL:**Gage G-2127; D-804 MCF/D Hours Tested G - 24; D - 3 Type Test G-Flowing; D-Calculated AOF
FPC G-250; D-72 FPT SIPC G-1087; D-2011 SIPTSEE BACK FOR REMARKS. G-27.8 B.O.P.D.; D-Ch. Volume - 802 MCF/D

Huerfano Unit #113
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method

Version 1.0 3/13/94

Gallup		Dakota	
<u>GL-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	<u>0.84</u>	GAS GRAVITY	<u>0.708</u>
COND. OR MISC. (C/M)	<u>M</u>	COND. OR MISC. (C/M)	<u>M</u>
%N2	<u>0.56</u>	%N2	<u>0.81</u>
%CO2	<u>0.9</u>	%CO2	<u>0.79</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>1.38</u>	DIAMETER (IN)	<u>2.441</u>
DEPTH (FT)	<u>5696</u>	DEPTH (FT)	<u>6360</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>140</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>150</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>121</u>	SURFACE PRESSURE (PSIA)	<u>198</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>142.8</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>231.3</u>
<u>GL-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	<u>0.84</u>	GAS GRAVITY	<u>0.708</u>
COND. OR MISC. (C/M)	<u>M</u>	COND. OR MISC. (C/M)	<u>M</u>
%N2	<u>0.56</u>	%N2	<u>0.81</u>
%CO2	<u>0.9</u>	%CO2	<u>0.79</u>
%H2S	<u>0</u>	%H2S	<u>0</u>
DIAMETER (IN)	<u>1.38</u>	DIAMETER (IN)	<u>2.441</u>
DEPTH (FT)	<u>5696</u>	DEPTH (FT)	<u>6360</u>
SURFACE TEMPERATURE (DEG F)	<u>60</u>	SURFACE TEMPERATURE (DEG F)	<u>60</u>
BOTTOMHOLE TEMPERATURE (DEG F)	<u>140</u>	BOTTOMHOLE TEMPERATURE (DEG F)	<u>150</u>
FLOWRATE (MCFPD)	<u>0</u>	FLOWRATE (MCFPD)	<u>0</u>
SURFACE PRESSURE (PSIA)	<u>1087</u>	SURFACE PRESSURE (PSIA)	<u>2011</u>
BOTTOMHOLE PRESSURE (PSIA)	<u>1364.1</u>	BOTTOMHOLE PRESSURE (PSIA)	<u>2459.6</u>

Cumulative Monthly Well Report

February 1996 -- February 2000

Select By : Completions
Sort By :

Page No : 1
Report Number : R_290
Last Update :
Print Date : 02/01/2000, 8:33:58

Completion	Date	Cur Oil	Cum Oil	Cur Gas	Cum Gas	Cur Wat	Cum Wat
HUERFANO UNIT 113							
Dakota	11/30/1998	4.05	4.05	1,372.79	1,372.79	5.74	5.74
	12/31/1998	2.89	6.94	1,111.29	2,484.08	4.64	10.38
	01/31/1999	0.00	6.94	869.14	3,353.22	3.63	14.02
	02/28/1999	0.00	6.94	782.15	4,135.37	3.27	17.28
	03/31/1999	10.13	17.07	860.31	4,995.68	3.60	20.88
	04/30/1999	8.97	26.04	124.80	5,120.48	0.52	21.40
	05/31/1999	0.00	26.04	128.96	5,249.44	0.54	21.94
	06/30/1999	1.45	27.48	145.39	5,394.83	0.61	22.55
	07/31/1999	0.00	27.48	145.95	5,540.78	0.61	23.16
	08/31/1999	0.00	27.49	721.10	6,261.88	3.01	26.17
Gallup	09/30/1999	0.00	27.49	748.31	7,010.19	3.13	29.30
	10/31/1999	0.29	27.78	1,087.76	8,097.95	4.55	33.85
	11/30/1999	0.00	27.77	439.50	8,537.45	1.84	35.69
	12/31/1999	0.00	27.77	489.73	9,027.18	2.05	37.73
	01/31/2000	0.00	27.77	0.00	9,027.18	0.00	37.73
	02/29/2000	0.00	27.77	0.00	9,027.18	0.00	37.73
	11/30/1998	0.29	0.29	319.57	319.57	1.99	1.99
	12/31/1998	0.00	0.29	268.62	588.19	1.67	3.66
	01/31/1999	1.45	1.74	50.98	639.17	0.32	3.98
	02/28/1999	0.00	1.74	192.15	831.32	1.20	5.17
	03/31/1999	0.00	1.74	109.80	941.12	0.68	5.85
	04/30/1999	0.00	1.74	230.39	1,171.51	1.43	7.29
	05/31/1999	0.29	2.03	115.68	1,287.19	0.72	8.01
	06/30/1999	0.00	2.03	131.37	1,418.56	0.82	8.82
	07/31/1999	0.00	2.03	95.10	1,513.66	0.59	9.42
	08/31/1999	0.00	2.03	105.88	1,619.54	0.66	10.07
	09/30/1999	0.00	2.03	157.84	1,777.38	0.98	11.06
	10/31/1999	0.00	2.03	103.92	1,881.30	0.65	11.70
	11/30/1999	0.00	2.03	69.61	1,950.91	0.43	12.13
	12/31/1999	0.29	2.32	159.80	2,110.71	0.99	13.13
	01/31/2000	0.00	2.32	0.00	2,110.71	0.00	13.13
	02/29/2000	0.00	2.32	0.00	2,110.71	0.00	13.13

JOHN P WINDLE PERS REP FOR THE
JANE LOLAX
ANNE ZACHAREK ESTATE
HELEN G PIENKOWSKI
JOSEPHINE ADAMS WESTEFELD
SIDNEY E LICHT & MARTIN C
GUY A WEILL
NELLY WIHL
GROSS OIL DELAWARE CORP
MARIANNE WEILL LESTER
EMILY BARTON
RICHARD LORE ADMINISTRATOR CTA
MARGARET JENSIS DECD
NANCI L FOX
JUDY WINDLE
SIDNEY H DUNKEN
SUSAN REID GALT
EDWARD GRAPEL
LAWRENCE L LAVALLE
KATHLEEN COLWILL
JOSEPH C JASTRZEMBSKI
DEBORAH JANE KELLY SLAUGHTER
MARGARET DORIS MCCONNELL
SINGER BROS
JOHN LEE TURNER
BEVERLY D WHITEHEAD
JIM L SHARP
HENRIETTA E SCHULTZ TRUSTEE
THORNTON HARDIE III TRUSTEE
CORINNE MIRIAM KELLY CALDER
LAURA PATRICIA LODEWICK
JOHN WIDNEY LODEWICK
HUBERT D JOHNSON & ANNE M
HUBERT D JOHNSON & ANNE M
SHOSS LEVINE TRUSTS 8146 8148
SHOSS LEVINE TRUSTS 8149 8150
GEORGE GALERSTEIN TRUSTEE
CAROLYN BEAMON TILLEY
ROSE MARION BERG
DENNA ELY
JFP INTERESTS A GENERAL PTSHP
ANNA CELIA HOWELL HILTON
DANIEL D DUDEN & TRUST ACCOUNT
ROBERT W DUDEN & TRUST ACCOUNT
G R FASKEN
FRANK ANDREW FASKEN
EDWIN ROY KELLY
KELLY MINERALS INTERESTS JV
JON BRUSS TRUST
HEDBERG FAMILY LTD PARTNERSHIP
MARY ROBERTSON JEFFS EXEC
MARY ROBERTSON JEFFS FOR LIFE
PATTI JO WOOD
VIRGINIA M SIMMONS
MELCONE CORPORATION
JERRY J ANDREW

JANE C GORDEN
MARY MILLICENT KELLY WEAR
SUSAN BEAMON PORTER
ADELE ALCORN READ
ROSALINE WEISS IND EXEC
JAMES ROBERT BEAMON TRUSTEE
BETTY T JOHNSTON LYLE E CARBAUGH
JAMES ROBERT BEAMON
BETTY T JOHNSTON/LYLE E
PATTIE ANN BEAMON LUNDELL EST
ROBERT WALTER LUNDELL
CATHRYN BEAMON
RODMAN E GRISCOM II
F STEPHEN KELLY III
CLAUDIA MARCIA LUNDELL GILMER
ROBERT E BEAMON III
MABELLE BRAMHALL TRUSTEE
THOMAS H YATES JR
PRIME ENERGY CORPORATION
PEGGY ALCORN KIPP
LEE AYCOCK IND EXECUTRIX
WALKER & KATHRYN DUFFIE
KATHRYN A DUFFIE
JULIA B LILLY INDVDLY AND
SOUTHERN NATL BANK OF HOUSTON
UNITED PIPE SUPPLY CO
V A JOHNSTON FAMILY TRUST
JOHNNIE PETTIE JR
HUFFAKER GREEN AND HUFFAKER
ANNE SIMMONS IND ADMINISTRATOR
GEORGIA PETTIE
BETTIANNE H BOWEN TRUSTEE
WILLIAM J GREEN
THE FASKEN FOUNDATION
BALWICK LTD PARTNERSHIP
RACHEL LYMAN
MICHAEL FITZGERALD AND
MONTEZ JOHNSON TRUSTEE
BARRON PROPERTIES LTD
JOHN DICKEY
BRIAN DICKEY
KATHRYN D ASHBY
DIANNA DICKEY
JAMES B WOODARD
WHITE STAR ENERGY INC
SILVERADO OIL & GAS CORP
R H FEUILLE
BEN HOWELL LANGFORD
EMILY D GRAMBLING
JOHN A GRAMBLING
EMILIE M HARDIE ROYALTY TRUST
JANE HARDIE TRUSTEE
ELIZABETH H LUND TRUSTEE
JULIE LEVINE MULLEN
CYNTHIA VOGL
HENRY B KRAUSE
JUDITH ANN HERINGER
LAURA DICHTER

UW FOSTER MORRELL DECD 11-1065
EDNA E MORRELL LIV TR 11-1073
MINERALS MANAGEMENT SERVICE
NORWEST BANK TRUSTEE
CELESTE FASKEN & NORWEST BANK
DONEVA J HUNTINGTON
ELLIOTT-HALL COMPANY
MADELEINE MOORE
GERALD FITZGERALD JR TRUSTEE
CHESTER E THOMPSON JR
JO ANN SCHMIDT ESTATE
JAMES R PAYNE & JEAN PAYNE
PETER BRUSS TRUST
MAUREEN G WRIGHT TRUSTEE
MCCONNELL LTD CO
LANGDON D HARRISON
JULIE ANN ANTWEIL TRUST
CHERYL L POTENZIANI
POTENZIANI FAMILY PTSP
TAMANACO OIL CORP
DONNA S RIDDLE SUCC TRUSTEE
DONALD A PAULEK
BOLACK MINERALS COMPANY
ALBERT R GREER
CHARLES A & NANCIE A GREER TTE
BENSON MONTIN GREER
LEWIS C & BOBBIE D TOWNSEND
KEITH TOWNSEND LIVING TRUST
KENNETH TOWNSEND LIVING TRUST
NEW MEXICO GEOLOGICAL SOCIETY
JAMES Lisle HINKLE
ELLIOTT INDUSTRIES
ROBERT M WILLIAMS
J BURTON VETETO
ANNA LOU HOME TRUSTEE
JUNE ELAINE MACDONALD
SUNLAND REFINING CORP
DIANNE CLEES & HOMER N CLEES
TERESA HOME
CHARLES E HINKLE
DAVID WILLIAM WALTERS TRUSTEE
SHARON BEAMON BURNS
EVKO DEVELOPMENT COMPANY
JULIA EVETTS SIMPSON TRSTEE
KENNETH ROBERT SCHMIDT
WILLIAM DENNIS SCHMIDT
ROBERT KLINGER SUCC TRUSTEE
ANN HOME EMMERSON TR
DOROTHY J BREWSTER
SIDNEY E LICHT
MURRAY LANGFELDER
WM M WESTERMAN PERSONAL REP
AMOCO PRODUCTION COMPANY
ROBERTA JUNE DENOON THOMAS EX
FIRST NATL BK & WILFRED B
ELLIOTT D DULANEY
JANE E WILLERS
OFFICE OF THE COMPTROLLER

W BENTON HARRISON III
ENERGEN RESOURCES MAQ INC
DAVID A BERNOUDY
CORINNE ROY KELLY INDVDLY
DEOBRAH K SLAUGHTER TRUSTEE
ZZZ KELLY & TRUST LLC
ALICE JANE WEBB
FREDERICK EUGENE TURNER
FREDERICK EUGENE TURNER
LA PLATA GATHERING SYSTEM INC
ELIZABETH JEANNE TURNER
ELIZABETH JEANNE T CALLOWAY
ELIZABETH T CALLOWAY
J GLENN TURNER JR
J GLENN TURNER JR
DAVID G MCLANE
WILLIAM G WEBB
WILLIAM G WEBB
ROSE MARION BERG DENNA ELY,
EVELYN SMITH
CROSS TIMBERS OIL COMPANY
NATIONSBANK NA
NATIONSBANK NA
NATIONSBANK NA
NATIONSBANK NA
CYRENE L INMAN
BANK OF AMERICA NA TRUSTEE
MCCONNELL TRUST
NATIONSBANK NA
NATIONSBANK NA
NATIONSBANK NA
NATIONSBANK
NATIONSBANK
SHELIA MARIE LEVINE TRUST
SAN JUAN 1990-A LP
ATNA/SJ 1993-A
MAP 1998-A LP
ROGERS-GIBBARD TRUST
LINDA JEANNE LUNDELL LINDSEY
LINDA JEANNE LUNDELL LINDSEY
ROGER B NIELSEN
LEE ETTA HEDBERG
DORIS F FAMBRO
TOM L HAIL TR
BALLARD EXPLORATION CO INC
ROBERT BEAMON
ELLIS RUDY LTD
LOWE PARTNERS LP
CHASE BANK OF TEXAS NA
CHASE BANK OF TEXAS NA TRUSTEE
CHASE BANK OF TEXAS NA TRUSTEE
CHASE BANK OF TEXAS NA TRSTEE
CHASE BANK OF TEXAS NA TRUSTEE
CHASE BANK OF TEXAS NA TRSTEE
GLOBAL NATURAL RESOURCES
CONOCO INC
MATAGORDA OIL COMPANY
RANDALL T JOHNSON TRUSTEE

VIOLA I STEWART TRUST
GARY W HARVEY INDEP EXEC
SANDRA CHAMBERS
RACHEL LYMAN & THOMAS C BROWN
PATSY R CUMMINS
JAMES ROBERT MARTIN
VIRGINIA GIPSON
RICHARD PARKER LANGFORD
MINERALS MANAGEMENT SERVICE
WENDT & ASSOCIATES
STEVEN PRICE FASKEN REV TRUST
PATRICIA G HARVEY
MARY ANN HONEY
FRANK D GORHAM JR
MAXINE S GRAHAM
STATE OF NEW MEXICO
HANSON MCBRIDE PETROLEUM CO
JOHN T HINKLE & LINDA J
CHASE OIL CORPORATION
KATHLEEN EARNEST RIOS TRUSTEE
FRESNO INTERNAL REVENUE SERV
CYNTHIA LACKEY TRUSTEE FOR
JEANNETTE C CARNS DECD
CASSANDRA KEYSER
LORIS MACOR TRTE/EXEC UWO E J