

DATE IN 2/14/00	SUSPENSE 3/6/00	ENGINEER DC	LOGGED MN	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
- Engineering Bureau -

*269*

**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]

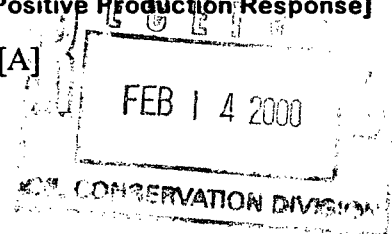
[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

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

Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement  
 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]  Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D]  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

OIL CONSERVATION DIVISION

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

APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:

Administrative  Hearing

EXISTING WELLBORE

YES  NO

BURLINGTON RESOURCES OIL & GAS COMPANY  
Operator

PO Box 4289, Farmington, NM 87499  
Address

Huerfano Unit  
Lease

106  
Well No.

J, Sec 33, T27N, R10W  
Unit Ltr. - Sec - Twp - Rge

San Juan  
County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 7139 API NO. 30-045-24102 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	Angels Peak Gallup - 2170		Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	5720' - 5756'		6409' - 6485'
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: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	(Current) a. 175 psia @ 5738'	a.	a. 587 psia @ 6447'
	(Original) b. 1339 psia @ 5738'	b.	b. 2489 psia @ 6447'
6. Oil Gravity (EAPI) or Gas BTU Content	1461 BTU		1426 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 <small>Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data</small>	Date: Rates:	Date: Rates:	Date: Rates:
* If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 10/31/99 Rates: 236 MCFD 3 BOD, 0.3 BWD	Date: Rates:	Date: 03/31/99 Rates: 14 MCFD, 1 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  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) \_\_\_\_\_

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

Well Location and Acreage Dedication Plat

Section A.

Date OCTOBER 23, 1958

Operator EL PASO NATURAL GAS COMPANY Lease HUERFANO NM 02516  
 Well No. 106 (GD) Unit Letter J Section 33 Township 27-N Range 10-W NMPM  
 Located 1562 Feet From SOUTH Line, 1830 Feet From EAST Line  
 County SAN JUAN G. L. Elevation 6174 Dedicated Acreage 320 & 320 Acres  
 Name of Producing Formation DAKOTA & GALLUP Pool ANGEL PEAK DAKOTA EXTENSION &

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below? GALLUP WILDCAT  
 Yes  No
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 below:

<u>Owner</u>	<u>Land Description</u>

Section B.

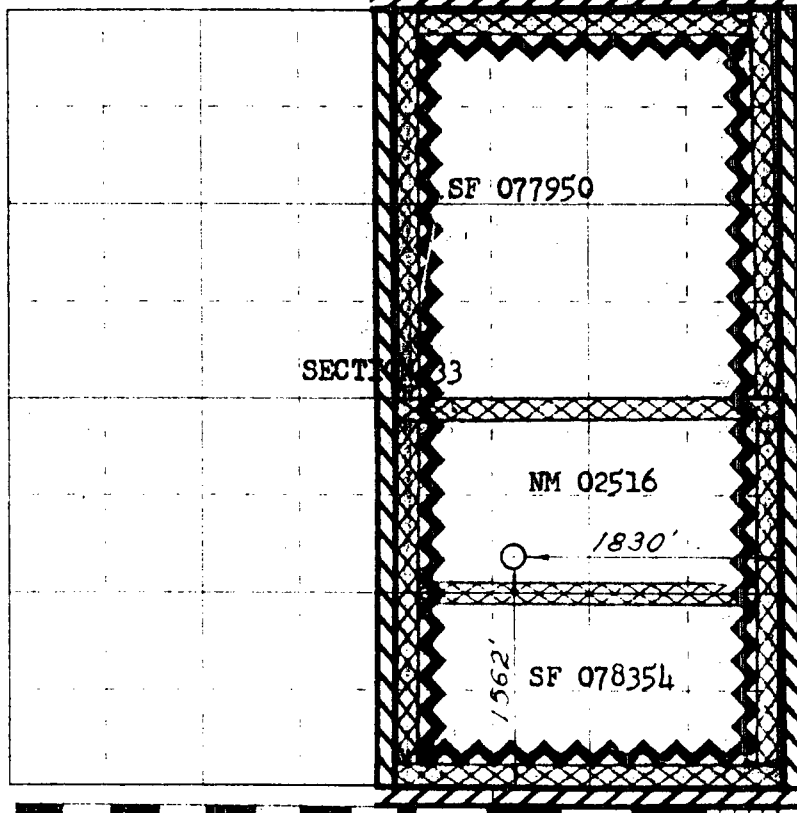
Note: All distances must be from outer bounding of section

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)

Box 930 (Representative)

Farmington, New Mexico (Address)



0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

Scale 4 inches equal 1 mile

- NOTE:** THIS PLAT IS RE-ISSUED TO SHOW DUAL COMPLETION WELL. 2 19 59
- NOTE:** THIS PLAT IS RE-ISSUED TO REFLECT CHANGE IN ACREAGE DEDICATION. 2 28 59
- NOTE:** THIS PLAT IS RE-ISSUED TO SHOW CORRECTED GALLUP DEDICATION. 11 28 59
- NOTE:** THIS PLAT RE-ISSUED TO SHOW CORRECTED GALLUP DEDICATION. 10 4 60

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.

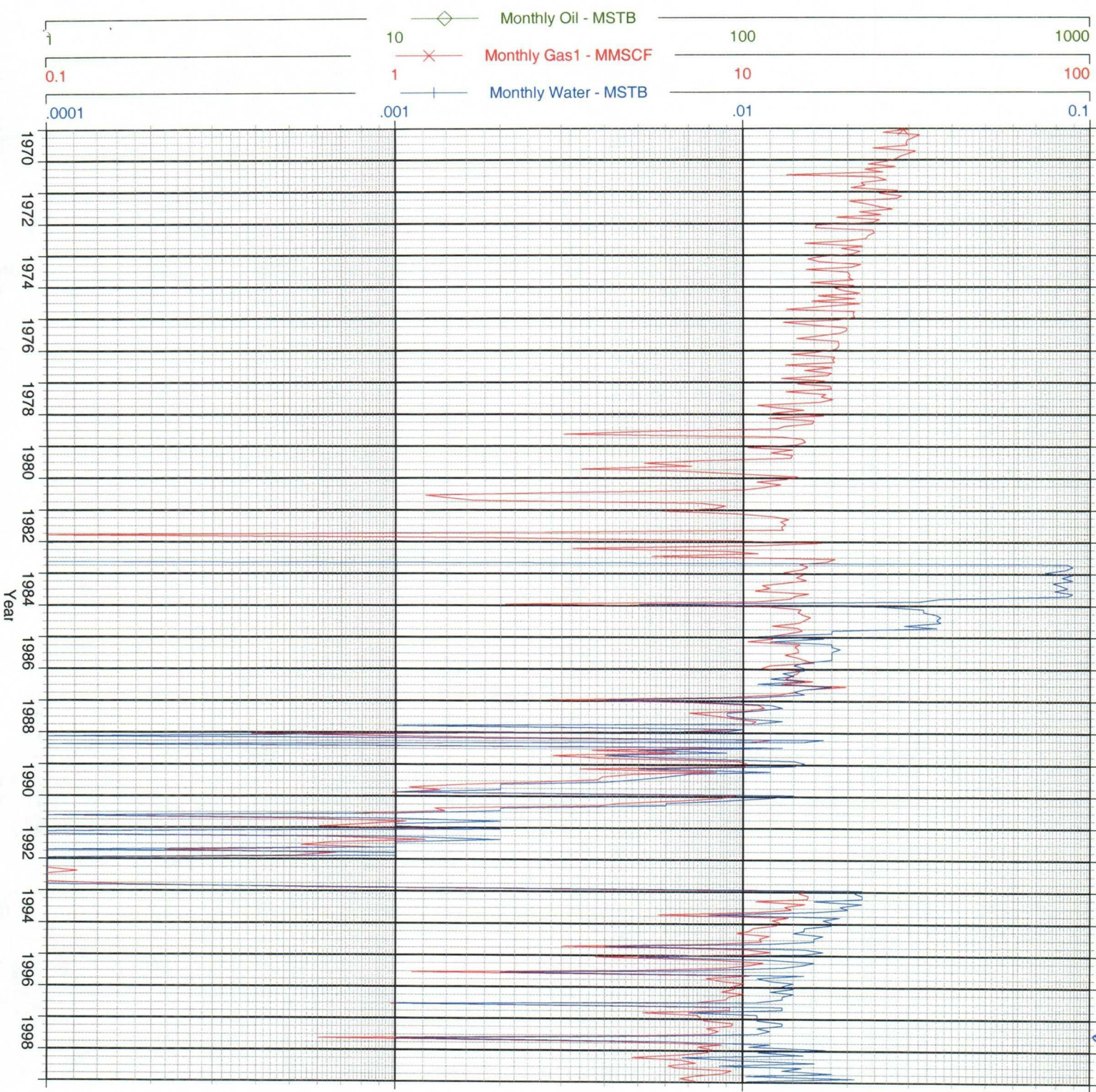
(Seal)

Date Surveyed OCTOBER 22, 1958

Farmington, New Mexico

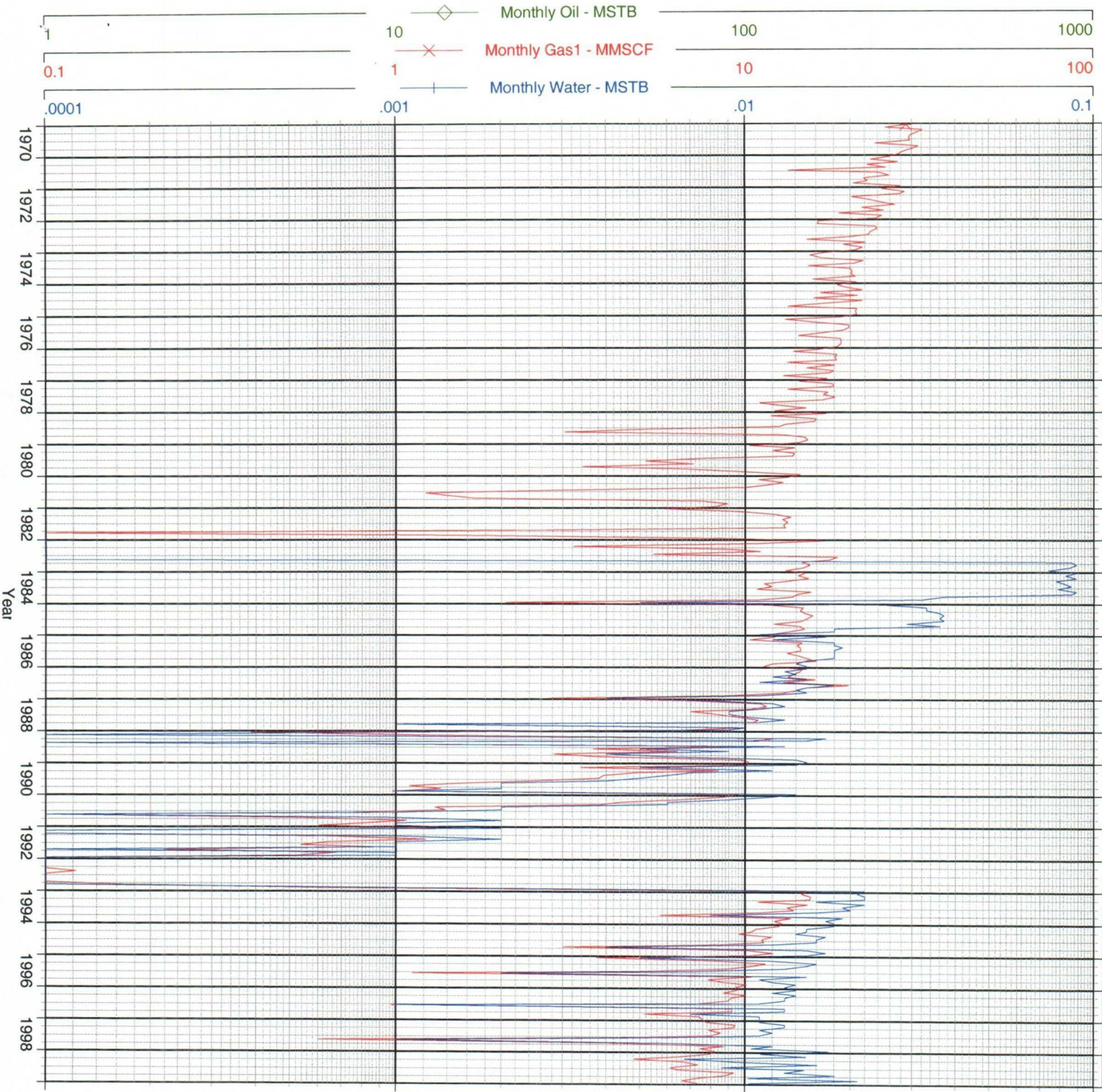
*David A. Kilmer*  
 Registered Professional Engineer and/or Land Surveyor

HUERFANO UNIT 106 5305201 (12682368912.7826) Data: Jan. 1970-Dec. 1999 *Spring*



◆ Monthly Oil - MSTB  
Cum: 0 MSTB  
\* Monthly Gas1 - MMSCF  
Cum: 4365.98 MMSCF  
+ Monthly Water - MSTB  
Cum: 3.1799 MSTB

HUERFANO UNIT 106 5305201 (12682368912.7826) Data: Jan. 1970-Dec. 1999 Dakota



Monthly Oil - MSTB  
Cum: 0 MSTB

Monthly Gas1 - MMSCF  
Cum: 4365.98 MMSCF

Monthly Water - MSTB  
Cum: 3.1799 MSTB

Page No.: 2  
 Print Time: Thu May 27 11:47:54 1999  
 Property ID: 188  
 Property Name: HUERFANO UNIT | 106 | 53052B-1 DK  
 Table Name: S:\JSMITH\ARIES\99WORK\TEST.DBF

<u>--DATE--</u>	<u>---CUM GAS---</u>	<u>M SIWHP</u>
	Mcf	Psi
12/23/58	0	1981.0
11/14/59	33000	1578.0
07/06/60	111000	1366.0
12/13/61	185000	1450.0
07/09/62	220000	1409.0
04/15/63	258000	1175.0
01/20/64	304000	1275.0
01/06/65	381000	1188.0
07/12/66	475000	1070.0
09/25/67	540000	1059.0
07/01/68	576000	870.0
06/26/69	620298	927.0
04/10/70	654503	1014.0
06/16/71	708884	972.0
05/09/72	752564	945.0
04/16/75	889312	808.0
06/08/77	975388	711.0
07/24/79	1047776	691.0
06/10/81	1099209	687.0
06/18/85	1192487	641.0
04/04/88	1230372	696.0
06/07/93	1301855	560.0

*ORIGINAL*

3/99 1394161 490

*CURRENT  
 BASED ON CUM GAS VS PRESSURE CURVE*

### OIL CONSERVATION DIVISION

1000 Rio Brazos Road  
Aztec, New Mexico

### BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 10/04/1997 Operator Burlington Resources Oil & Gas

Lease Name HUERFANO UNIT <sup>3,221/14p</sup> Well No. 106 Location: U J Sec. 33 Twp. 027N Rge. 010W

Pressure ( Shut-in ) Dwt Tubing 152 Intermediate      Casing 152 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH.

TIME:	PRESSURES:		BRADENHEAD FLOWED:	INTERMEDIATE FLOWED:
	INTERMEDIATE	CASING		
5 Min.		152	Steady Flow	
10 Min.		152	Surges	
15 Min.		152	Down to Nothing	
20 Min.			Nothing	X
25 Min.			Gas	
30 Min.			Gas & Water	
			Water	

If Bradenhead flowed water, check description below:

- Clear \_\_\_\_\_
- Fresh \_\_\_\_\_
- Salty \_\_\_\_\_
- Sulfur \_\_\_\_\_
- Black \_\_\_\_\_

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

By GUY GARRETSON 312  
Lease Operator  
Position \_\_\_\_\_

Witness \_\_\_\_\_

**Huerfano Unit #106**  
**Bottom Hole Pressures**  
**Flowing and Static BHP**  
**Cullender and Smith Method**

Version 1.0 3/13/94

<b>Gallup</b>	<b>Dakota</b>																																																
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<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.722</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">2.18</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">0.74</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">6.969</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">5738</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">141</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">152</td></tr> <tr><td> BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black; border: 1px solid black;"> 175.3</td></tr> </table>	GAS GRAVITY	0.722	COND. OR MISC. (C/M)	M	%N2	2.18	%CO2	0.74	%H2S	0	DIAMETER (IN)	6.969	DEPTH (FT)	5738	SURFACE TEMPERATURE (DEG F)	60	BOTTOMHOLE TEMPERATURE (DEG F)	141	FLOWRATE (MCFPD)	0	SURFACE PRESSURE (PSIA)	152	 BOTTOMHOLE PRESSURE (PSIA)	 175.3	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 80%;">GAS GRAVITY</td><td style="text-align: right; border-bottom: 1px solid black;">0.758</td></tr> <tr><td>COND. OR MISC. (C/M)</td><td style="text-align: right; border-bottom: 1px solid black;">M</td></tr> <tr><td>%N2</td><td style="text-align: right; border-bottom: 1px solid black;">0.99</td></tr> <tr><td>%CO2</td><td style="text-align: right; border-bottom: 1px solid black;">1.09</td></tr> <tr><td>%H2S</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>DIAMETER (IN)</td><td style="text-align: right; border-bottom: 1px solid black;">4.95</td></tr> <tr><td>DEPTH (FT)</td><td style="text-align: right; border-bottom: 1px solid black;">6447</td></tr> <tr><td>SURFACE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">60</td></tr> <tr><td>BOTTOMHOLE TEMPERATURE (DEG F)</td><td style="text-align: right; border-bottom: 1px solid black;">151</td></tr> <tr><td>FLOWRATE (MCFPD)</td><td style="text-align: right; border-bottom: 1px solid black;">0</td></tr> <tr><td>SURFACE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black;">490</td></tr> <tr><td> BOTTOMHOLE PRESSURE (PSIA)</td><td style="text-align: right; border-bottom: 1px solid black; border: 1px solid black;"> 587.0</td></tr> </table>	GAS GRAVITY	0.758	COND. OR MISC. (C/M)	M	%N2	0.99	%CO2	1.09	%H2S	0	DIAMETER (IN)	4.95	DEPTH (FT)	6447	SURFACE TEMPERATURE (DEG F)	60	BOTTOMHOLE TEMPERATURE (DEG F)	151	FLOWRATE (MCFPD)	0	SURFACE PRESSURE (PSIA)	490	 BOTTOMHOLE PRESSURE (PSIA)	 587.0
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# Cumulative Monthly Well Report

January 1999 -- January 2000

Select By : Completions  
Sort By :

Page No : 1  
Report Number : R\_290  
Last Update :  
Print Date : 01/31/2000, 10:31:09

Completion	Date	Cur Oil	Cum Oil	Cur Gas	Cum Gas	Cur Wat	Cum Wat
HUERFANO UNIT 106	01/31/1999	21.69	158.69	1,165.21	16,829.86	2.03	29.79
	02/28/1999	13.26	171.95	1,247.82	18,077.68	9.20	39.00
	03/31/1999	13.30	185.25	861.29	18,938.97	1.50	40.49
	04/30/1999	46.22	231.47	626.75	19,565.72	1.09	41.59
	05/31/1999	23.91	255.38	267.19	19,832.91	8.90	50.49
	06/30/1999	10.50	265.88	493.42	20,326.33	0.86	51.35
	07/31/1999	0.00	265.88	91.29	20,417.62	0.16	51.51
	08/31/1999	7.70	273.58	572.09	20,989.71	1.00	52.50
	09/30/1999	25.18	298.76	848.31	21,838.02	1.48	53.98
	10/31/1999	20.99	319.75	802.47	22,640.49	1.40	55.37
	11/30/1999	21.69	341.44	625.77	23,266.26	1.09	56.46
	12/31/1999	20.99	362.43	446.60	23,712.86	0.78	57.24
	01/31/2000	0.00	362.43	0.00	23,712.86	0.00	57.24
	01/31/1999	110.56	157.78	7,925.88	10,904.07	11.10	16.28
	02/28/1999	202.88	360.66	6,506.26	17,410.33	14.94	31.22
	03/31/1999	125.18	485.84	4,801.45	22,211.78	6.72	37.94
	04/30/1999	64.35	550.19	6,675.89	28,887.67	9.35	47.29
	05/31/1999	34.06	584.25	7,345.50	36,233.17	16.12	63.41
	06/30/1999	66.39	650.64	6,126.89	42,360.06	8.58	71.99
	07/31/1999	21.23	671.86	6,398.91	48,758.97	14.79	86.78
	08/31/1999	57.37	729.23	9,292.51	58,051.48	13.01	99.79
	09/30/1999	61.35	790.58	8,771.91	66,823.39	18.12	117.91
	10/31/1999	73.16	863.74	7,297.46	74,120.85	10.22	128.12
	11/30/1999	34.97	898.71	6,623.93	80,744.78	20.94	149.07
	12/31/1999	92.02	990.72	7,322.95	88,067.73	10.25	159.32
	01/31/2000	0.00	990.72	0.00	88,067.73	0.00	159.32

*Dalco*

*Gallup*

**Huerfano Unit #106**  
**Sec. 33, T27N R10W**  
**San Juan County, New Mexico**

**Production Allocation Based On Cumulative Production Through 11/99**

	Cumulative Production		% Allocation	
	MMSCF	MSTB	% Gas	% Condensate
Gallup	4,352.03	28.79	48%	34%
Dakota	4,691.15	56.32	52%	66%
Total	9,043.18	85.11	100%	100%

**Gas Allocation:**

**Gallup** (Total Gallup Production) 4,352 MCF  
-----  
(Total Combined Production) 9,043 MCF = **48%**

**Dakota** (Total Dakota Production) 4691.15 MCF  
-----  
(Total Combined Production) 9043.18 MCF = **52%**

**Condensate Allocation:**

**Gallup** (Total Gallup Production) 29 Bbl Oil  
-----  
(Total Combined Production) 85 Bbl Oil = **34%**

**Dakota** (Total Dakota Production) 56 Bbl Oil  
-----  
(Total Combined Production) 85 Bbl Oil = **66%**

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