STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

ADMINISTRATIVE ORDER DHC-1114

Texaco Exploration & Production, Inc.
3300 North Butler Avenue
Farmington, New Mexico 87401

Attention: Ted A. Tipton

Lydia Rentz Well No. 7-A
Unit G, Section 20, Township 25 North, Range 3 West, NMPM,
Rio Arriba County, New Mexico.
Blanco Mesaverde (Prorated Gas) and Lindrith Gallup-Dakota West Pools

Dear Mr. Tipton:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 50 barrels per day, and total water production shall not exceed 100 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Blanco Mesaverde (Prorated Gas) Pool	Oil	0 %	Gas	51 %
Lindrith Gallup-Dakota West Pool	Oil	100 %	Gas	49 %

FURTHER: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303-C-5, the commingling authority granted by the order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 4th day of April, 1995.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

WILLIAM J. LEMAY
Director

S E A L

WJL/BES

cc: Oil Conservation Division - Aztec

Ernie Busch

From: Ernie Busch
To: David Catanach
Subject: TEXACO (DHC)
Date: Tuesday, March 28, 1995 8:10AM
Priority: High

LYDIA RENTZ #7A
G-20-25N-03W
RECOMMEND: APPROVAL

ENVIROTECH LABS

5796 US HIGHWAY 64-3014 • FARMINGTON, NEW MEXICO 87401
PHONE: (505) 632-0615 • FAX: (505) 632-1865

PECTED HAZARDOUS & SOLID WASTE ANALYSIS

Weatherford	Project #:	91327-01
Sump Sludge	Date Reported:	03-06-95
8220	Date Sampled:	02-15-95
Soil	Date Received:	02-15-95
Cool	Date Analyzed:	02-16-95
Cool & Intact	Chain of Custody:	4111

Did not ignite upon direct contact with flame.

pH of 10.23

Did not react violently with water, strong base (10N Sodium Hydroxide), or strong acid (6N Hydrochloric acid).

part 261 Subpart C sections 261.21 - 261.23, July 1, 1992.

$\leq$ pH 2 or $\geq$ pH 12.5 is hazardous waste. Farmington, NM.
Point Composite of Sump Sludge and Storage Barrels.

Reviewed

Texaco Exploration and Production Inc
3300 N Butler
Farmington NM 87401

March 8, 1995

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
PO BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504

Attention: David Catanach

RE: **Application for exception to NMOCD Rule 303-A: Downhole Commingle of Lydia Rentz No. 7-A 1650' FNL & 1650' FEL, Unit G, Sec. 20-T25N-R3W, NMPM, Rio Arriba County, New Mexico**

Dear Mr. Catanach:

Texaco Exploration and Production Inc. respectfully requests administrative approval to downhole commingle the Blanco Mesaverde and the West Lindrith Gallup/Dakota within the referenced well. Approval of this application would require an exception to NMOCD Rule 303-a. Please accept the attached information in your consideration of this matter. All offset operators were notified of this request by certified mail (copy of return receipt cards attached).

The subject well is currently completed in the West Lindrith Gallup/Dakota and producing through 2-3/8" tubing. A "dual" completion would require that the Gallup/Dakota be pumped under packer and the Mesaverde be flowed up the casing-tubing annulus. Pumping the Gallup/Dakota under packer would be inefficient due to gas locking. Flowing the Mesaverde up the annulus would be inefficient due to wellbore loading and the inability to swab. The downhole commingling of these zones will offer an economic method of production without reservoir damage, waste reserves, or violation of correlative rights.

If you have any questions concerning this matter please contact Mr. Robert Schaffitzel at (505) 325-4397, ext. 27. Your attention to this matter is greatly appreciated.

Sincerely,

Ted A. Tipton
Operating Unit Manager

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DIST. 3

RFS/s

Attachments
NMOCD-Aztec
file

Application for Exception to Rule 303-Segregation of Production From Pools

(1) Name and address of the operator: Texaco Exploration and Production
3300 N. Butler Suite 100
Farmington, NM 87401

(2) Lease name, well number, well location, name of the pools to be commingled.

Lease Name: Lydia Rentz
Well Number: 7-A
Well Location: 1650' FNL & 1650' FEL, Unit G, Sec. 20
T25N-R3W, NMPM
Rio Arriba County, New Mexico

Pools to Commingle: Blanco Mesaverde and West Lindrith Gallup/Dakota

(3) A plat of the area showing the acreage dedicated to the well and the ownership of all offsetting leases.

Attached (Attachment I, II, III)

(4) A current (within 30 days) 24-hour productivity test on Division C-116 showing the amount of oil, gas and water produced from each zone.

The C-115 for Lydia Rentz No. 7-A Gallup/Dakota production is attached (Attachment IV). No Production data exists for the proposed Mesaverde completion. However, attached is a C-115 showing production from the nearest Mesaverde completions(Attachment V). The Mesaverde completion in the Lydia Rentz No. 7-A is expected to perform in a similar manner.

(5) A production decline curve for both zones showing that for a period of at least one year a steady rate of decline has been established for each zone for statistical purposes. (This requirement may be dispensed with in the case of a newly completed or recently completed well which has little or no production history. However, a complete resume of the well's completion history including description of treating, testing, etc., of each zone, and a prognostication of future production from each zone shall be submitted.)

Gallup/Dakota is a new completion and has not produced long enough to create an accurate decline curve. A decline curve of offset Lydia Rentz No.7 and a production curve of the Lydia Rentz 7-A are attached (Attachments VI-A, VI-B).

Mesaverde - New completion, no production history is available. Decline curves of offsets C.W. Roberts No. 7 and Ora No.1 are attached (Attachments VII-A, VII-B). The Mesaverde completion in the Lydia Rentz No. 7-A is expected to perform in a similar manner.

(6) Estimated bottomhole pressure for each artificially lifted zone. A current (within 30 days) measured bottomhole pressure for each zone capable of flowing.

The Mesaverde and Gallup/Dakota bottom hole pressure is estimated based on offset data (New Mexico Packer Leakage Test 9/94 Lydia Rentz No.7)

Mesaverde: 980 psi (Attachment VIII)
Gallup/Dakota: 550 psi (Attachment VIII)

Actual Mesaverde P_{BH} will be obtained using shut-in testing upon completion.

Application for Exception to Rule 303-Segregation of Production From Pools Requirements Continued.

(7) A description of the fluid characteristics of each zone showing that the fluids will not be incompatible in the well-bore.

The fluids have no abnormal components that would prohibit commingling, or promote the creation of emulsions or scale. The major components of the produced waters are sodium, chlorides and bicarbonates. Several offsets are commingled in the proposed zones and no production problems have occurred.

(8) A computation showing that the value of the commingled production will not be less than the sum of the individual streams.

Current Gallup/Dakota Prod.		Anticipated Mesaverde Prod.	
Oil, BOPD	32	Oil, BOPD	0
Gas, MCFD	191	Gas, MCFD	200
Water, BWPD	10	Water, BWPD	0

The combined production from the Gallup/Dakota and Mesaverde formations will be approximately 391 MCFD, 32 BOPD, and 10 BWPD.

The Mechanics of the wellbore are not conducive to a "dual" completion. Given the 5-1/2" casing, a dual completion would require that the Gallup/Dakota be pumped under a packer and the Mesaverde be flowed up the casing-tubing annulus. Pumping the Gallup/Dakota under a packer would be inefficient due to gas locking. Flowing the Mesaverde up the annulus would be inefficient due to wellbore loading and the inability to swab. Therefore, it is requested that commingling be approved.

(9) A formula for the allocation of production to each of the commingled zones and a description of the factors or data used in determining such formula.

Using our anticipated rates as shown in item #8 as an example, allocation will be calculated as follows:

	Gas	Oil	Water
Mesaverde	200/391=51%	0/32=0%	0/10=0%
Gallup/Dakota	191/391=49%	32/32=100%	10/10=100%

The actual production data obtained prior to and following the commingling process will be presented to the Aztec NMOCD District office to arrive factors for splitting the future production stream.

(10) A statement that all offset operators and, in the case of a well on federal land, the United States Bureau of Land Management, have been notified in writing of the proposed commingling.

All offset operators have been notified. Please find attached, signed return receipt cards from each operator (Attachment IX).

Submit to Appropriate District Office
State Lease - 4 copies
Fee Lease - 3 copies

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator: TEXACO			Lease: LYDIA RENTZ		Well No.: 7A
Unit Letter: G	Section: 20	Township: 25 NORTH	Range: 3 WEST NMPM	County: RIO ARRIBA	
Actual Footage Location of Well: 1650 feet from the NORTH line and 1650 feet from the EAST line					
Ground level Elev.: 7261' UG	Producing Formation: Mesa Verde / Gallup-Dakota		Pool: Blanco, Mesa Verde / West Lindrith, Gallup-Dakota		Dedicated Acreage: 320/160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

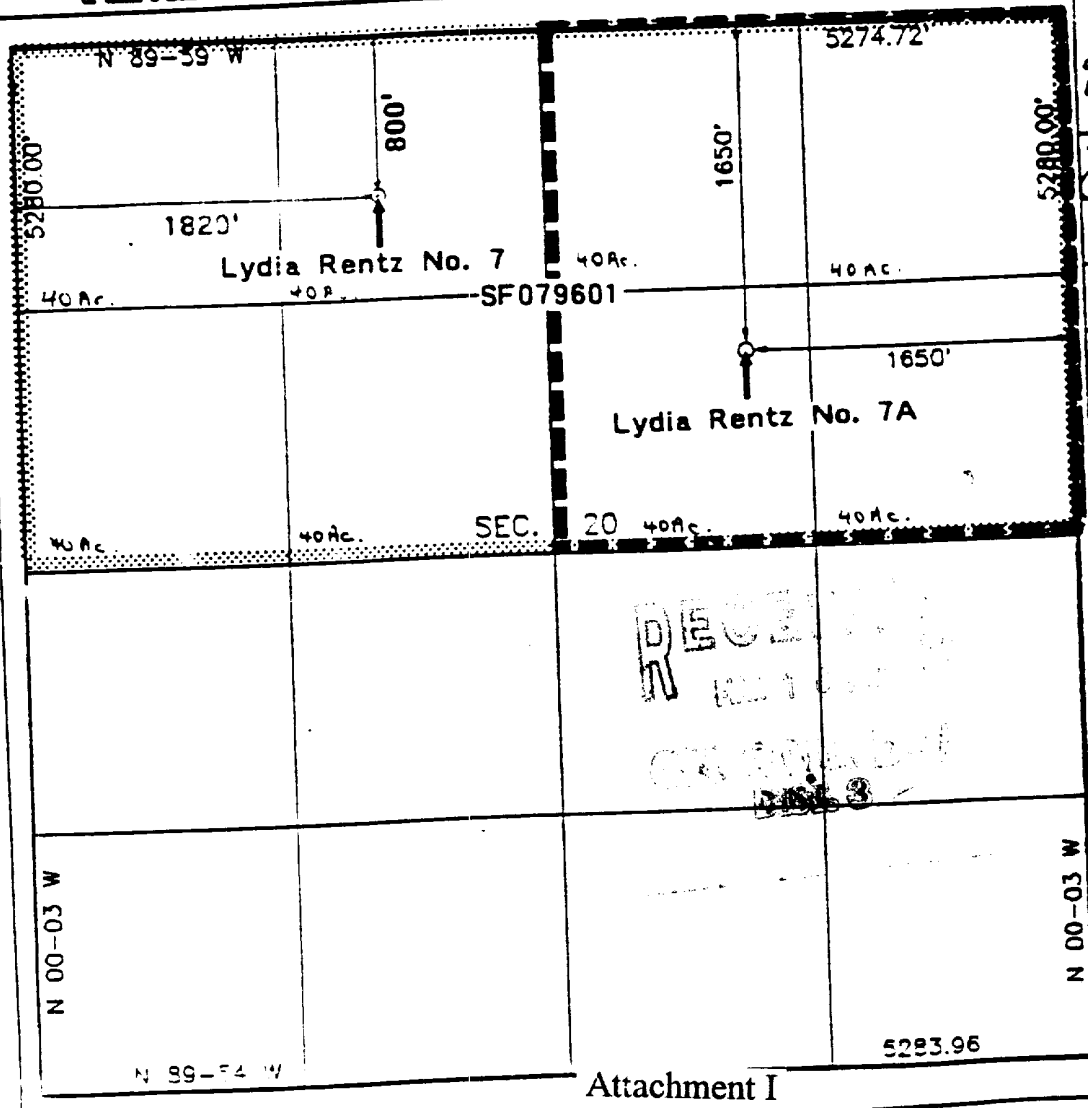
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes ☐ No If answer is "yes" type of consolidation _____

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary. _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature: Roger Mariott
Printed Name: Roger Mariott
Position: Division Surveyor
Company: TEXACO E&P Inc.
Date: 2-9-94

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 knowledge and belief.

Date Surveyed: 12/10/93
Signature & Seal of Professional Surveyor: NEW MEXICO 6857 REGISTERED LAND SURVEYOR
Certificate No.: Neale C. Edwards 6857

Attachment I

OFFSET OPERATORS
LYDIA RENTZ # 7A
SEC. 20 T25N / R03W

TEXACO 18	TEXACO 17	CURTIS J. LITTLE, OIL & GAS 16 SCHALK DEVELOPMENT CO.
TEXACO 19	TEXACO 20	ELLIOT OIL CO, INC 21
TEXACO 30	TEXACO 29	ELLIOT OIL CO, INC 28

Attachment II

OFFSET OPERATORS
LYDIA RENTZ #7A
T25N / R03W

Curtis J. Little, Oil & Gas
2346 E. 20th St.
Farmington, NM 87499
(505)327-6176

Schalk Development Co.
P.O. Box 25825
Albuquerque, NM 87125
(505)881-6649

Elliot Oil Co.
Box 1355
Roswell, NM 88202
(505)622-5840

Attachment III

115 - Operator's Monthly Report (Continuation Page - Instructions are on the back of form C-115)

Operator	3 OGRID	4 Month Year	6 Page
TEXACO EXPLORATION & PRODUCTION INC. N W	022364	01/95	3 of 43

7 POOL NO. AND NAME / Property No. and Name / WELL No. & U-L-S-T-R / API No.	8 CODE 1	INJECTION 9 Volume	INJECTION 10 Pressure	11 CODE 2	PRODUCTION 12 Barrels Oil/condensate produced	PRODUCTION 13 Barrels of water produced	PRODUCTION 14 MCF Gas Produced	PRODUCTION 15 Days Produced	DISPOSITION OF OIL, GAS, AND WATER 16 CODE 3	17 Point of Disposition	18 Gas BTU or Oil API Gravity	19 Oil on hand at beginning of month	20 Volume Bbls/mcf	21 Transporter OGRID	22 CODE 4	23 Oil on hand at end of month
9189 LINDRITH GALLUP-DAKOTA, WEST																
11170 JICARILLA "C"																
									W	2504250			46			
EASE TOTAL		0			154	77	1813									
11177 MCCONNELL, L. L.																
01 N-30-25N-03W																
0-039-05776	P				137	156	422	31								
01A J-30-25N-03W																
0-039-25323	P				810	100	1407	30								
13 N-31-25N-03W																
0-039-23008	P				176	31	1367	31								
14 D-29-25N-03W																
0 039-25249	P				430	568	1456	31								
1 B-29-25N-03W																
0 9-25319	P				562	681	2643	27								
1 L-29-25N-03W																
0 9-25317	P				702	665	1527	26								
									O	2517610		909				1308
									O	2517610	45.0		2418	014538		
									G	2505630	1326		7033	022345		
									G	2517630	1099		362	007057		
									G	2813085	1333		1307	007057		
									G				120		U	
									W	2517650			1533			
EASE TOTAL		0			2817	2201	8822									
11207 RENTZ, LYDIA																
11 O-19-25N-03W																
0-039-25303	P				901	114	1195	31								
11A K-19-25N-03W																
0-039-25377	P				1242	277	3094	31								
07 C-20-25N-03W																
0-039-22733	P				113	0	730	31								
07A G-20-25N-03W																
0-039-25378	P				472	251	3479	26								

Attachment IV

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DIST. 3

C-115 - Operator's Monthly Report (Continuation Page - Instructions are on the back of form C-115)

Operator	3 OGRID	4 Month/Year	6 Page
TEXACO EXPLORATION & PRODUCTION INC. N W	022364	01/95	28 of 43

7 POOL NO AND NAME / Property No. and Name / WELL No. & U-L-S-T-R / API No.	8 CODE	INJECTION 9 Volume	INJECTION 10 Pressure	11 CODE	PRODUCTION 12 Barrels Oil/condensate produced	PRODUCTION 13 Barrels of water produced	PRODUCTION 14 MCF Gas Produced	PRODUCTION 15 Days Produced	16 CODE	DISPOSITION OF OIL, GAS, AND WATER 17 Point of Disposition	18 Gas BTU or Oil API Gravity	19 Oil on hand at beginning of month	20 Volume Bbls/mcf	21 Transporter OGRID	22 CODE	23 Oil on hand at end of month
72319 BLANCO MESAVERDE (PRORATED GAS)																
011193 NEW MEXICO COM "C"																
LEASE TOTAL		0			63	62	10696									
011205 PLATERO, NELLIE																
005 N-11-27N-09W																
30- -13040	P				22	31	1931	31								
005 I-11-27N-09W																
30- -22672	P				8	3	1333	31								
									O	2519010		67				75
									O	2519110		133				155
									G	2519030	1185		1296	022345		
									G	2519130	1318		1894	007057		
									G				74		U	
LEASE TOTAL		0			30	34	3264									
011207 RENTZ, LYDIA																
011 O-19-25N-03W																
30-039-25303	P				124	0	866	31								
007 C-20-25N-03W																
30-039-22733	S				0	0	0	0								
008 C-19-25N-03W																
30-039-22970	P				0	0	9305	31								
									O	2517510		52				52
									O	2812179		19				27
									O	2812179	45.4		116	014538		
									G	2517430	1250		9305	007057		
									G	2812180	1256		866	022345		
LEASE TOTAL		0			124	0	10171									
011208 ROBERTS, C. W.																
003 O-18-25N-03W																
30-039-05966	P				0	31	3580	31								
003A 003-18-25N-03W																
30-039-22732	S				0	0	0	0								

Attachment V

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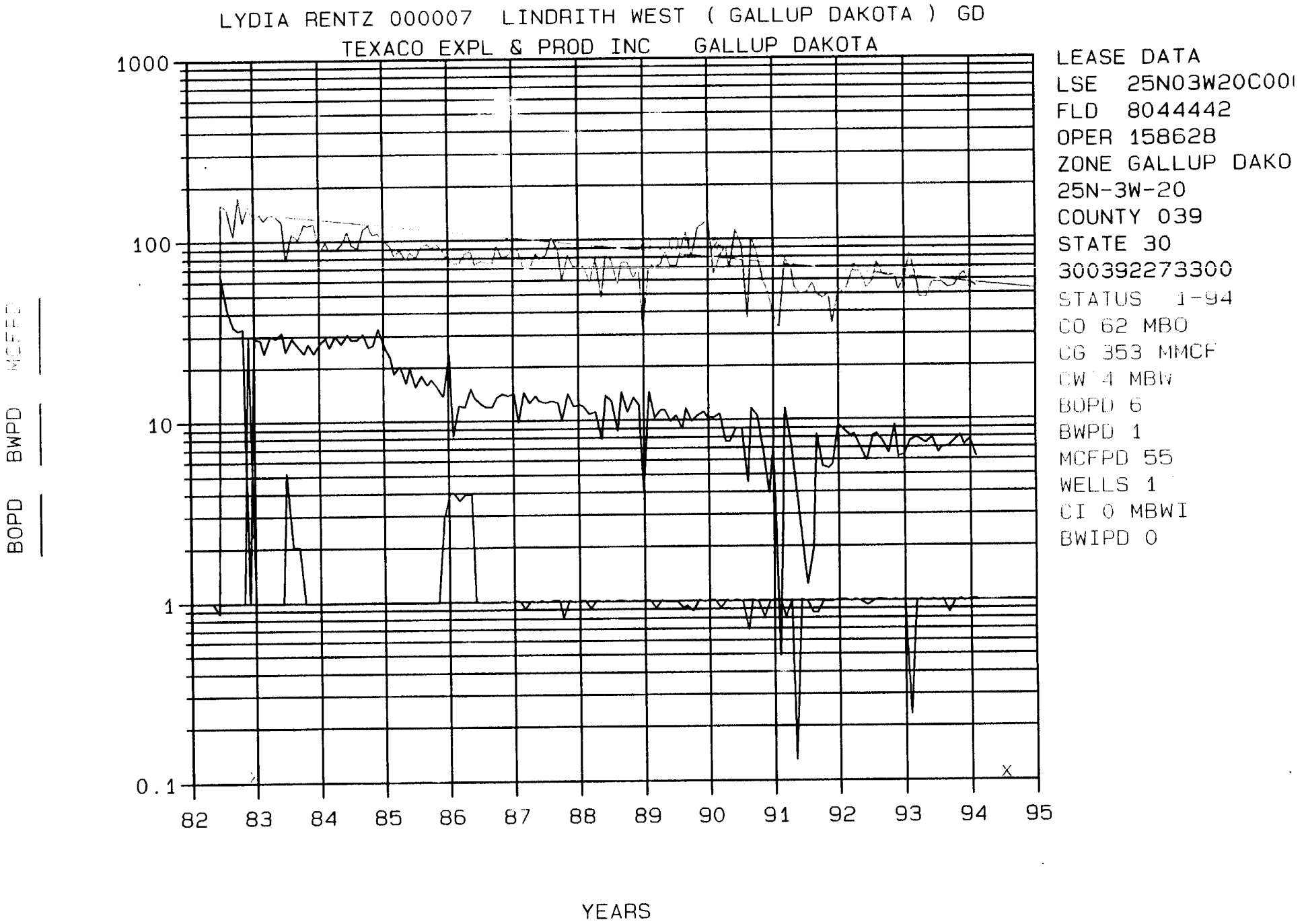
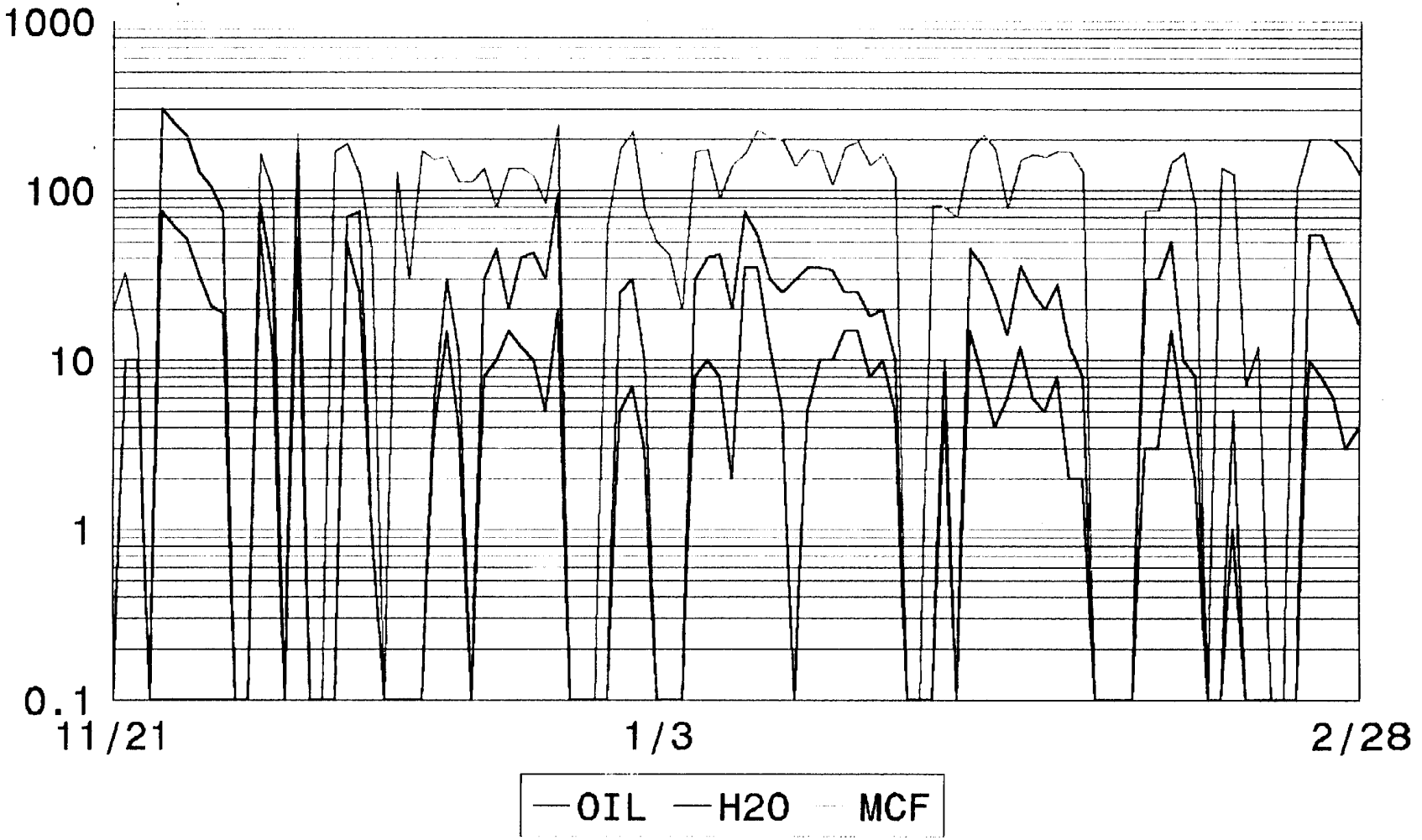
DIST. 3

Attachment VI-A

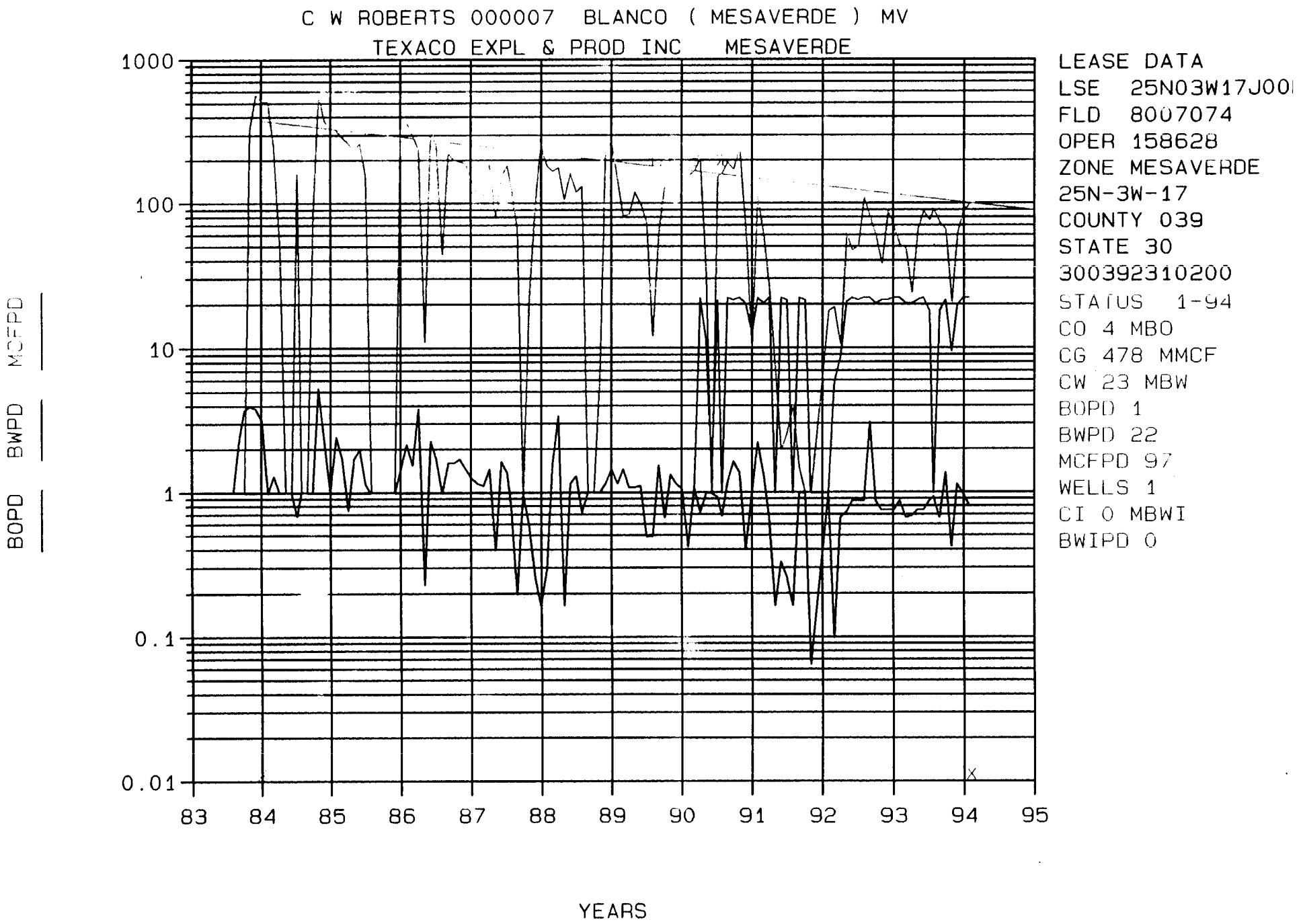


Lydia Rentz No. 7-A
Production

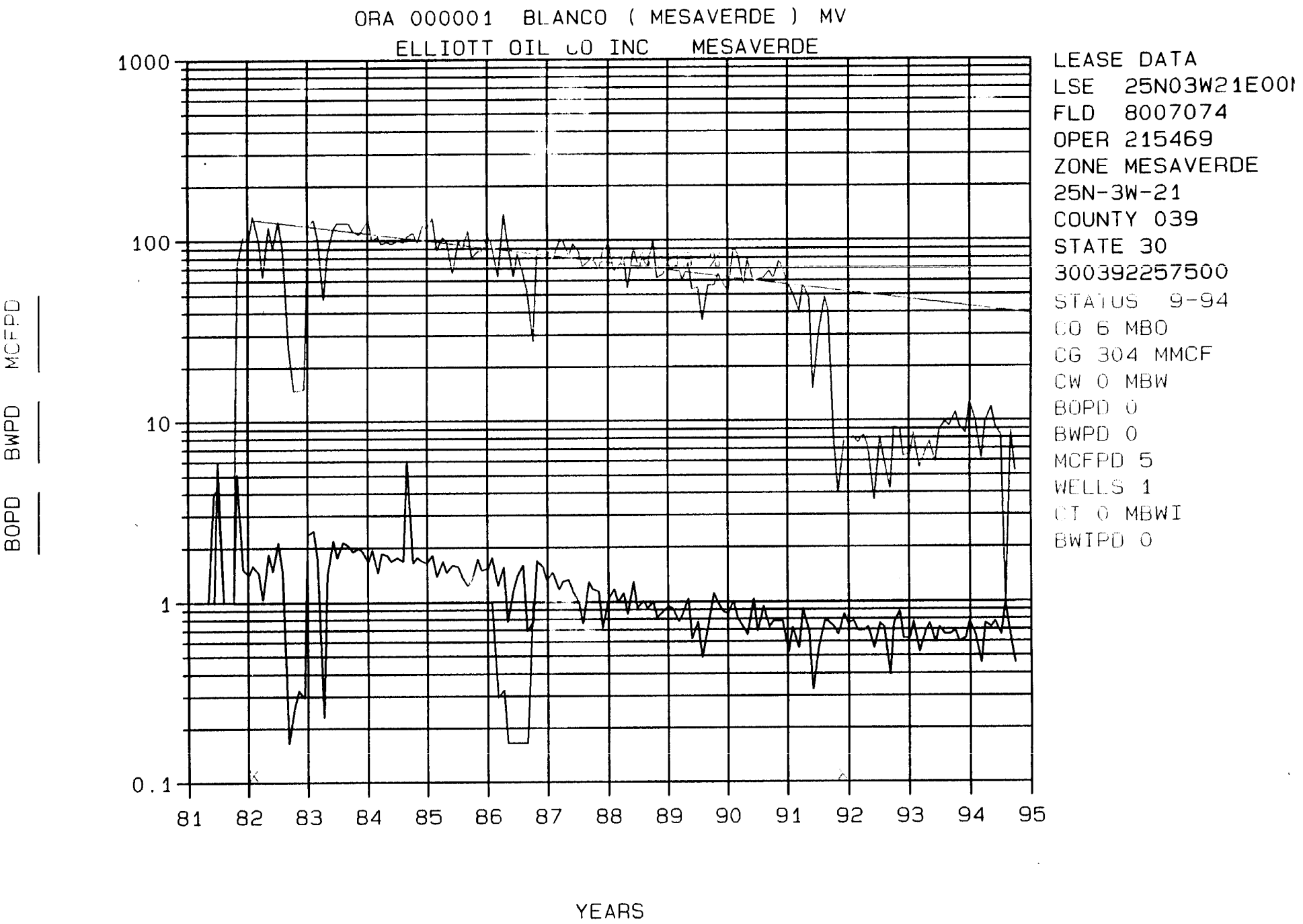


Attachment VI-B

Attachment VII-A



Attachment VII-B



STATE OF NEW MEXICO
ENERGY and MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

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DIST. 3

Revised 10/10/78

NORTHWEST NEW MEXICO PACKER-LEAKAGE TEST

Operator TEXACO E & P INC. Lease LYDIA RENTZ Well No. 7

Location of Well: Unit C Sec. 20 Twp. 25N Rge. 3W County RIO ARRIBA

	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	BLANCO MESAVERDE	GAS	FLOW	TBG.
Lower Completion	LINDRETH GALLUP DAKOTA WEST	GAS	FLOW	TBG.

PRE-FLOW SHUT-IN PRESSURE DATA

Upper Completion	Hour, Date shut-in 11-91	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)

FLOW TEST NO. 1

Commenced at (hour, date)* Zone producing (Upper or Lower) LOWER

TIME (hour, date)	LAPSED TIME SINCE*	PRESSURE Upper Completion	PRESSURE Lower completion	PROD. ZONE	REMARKS
9-8-94					
9-9-94	24 HRS.	980	390		BOTH ZONES SHUTIN
9-10-94	[illegible] HRS.	980	480		. . .
9-11-94	[illegible] HRS	980	528		
9-12-94	96 HRS.	980	550	NOV 1 1994	. . .
9-13-94	12 [illegible] HRS	980	333		UPPER SHUTIN LOWER FLOW 24 HRS
9-14-94	144 HRS.	980	405		UPPER SHUTIN LOWER FLOW 24 HRS.
9-15-94	168 HRS.	980	378		UPPER SHUTIN LOWER FLOW 24 HRS.

Production rate during test

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

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

MID-FLOW 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)

Attachment VIII

RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Curtis J. Little, Oil & Gas
2346 E. 20th St.
Farmington, NM 87499

4a. Article Number
P 337 994 952

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)

7. Date of Delivery
3-6-95

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Elliot Oil Co.
Box 1355
Roswell, NM 88202

4a. Article Number
P 081 443 730

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)

7. Date of Delivery
3-6-95

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Schalk Development Co.
PO Box 25825
Albuquerque, NM 87125

4a. Article Number
P 081 443 731

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☒ Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)

7. Date of Delivery
3-7-95

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

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OIL CON. DIV.
DIST. 3

Attachment IX

LYDIA RENTZ NO. 7-A
Mesaverde Workover Procedure

1. MIRUSU, POOH w/ rods, NDWH, NUBOP, POOH w/ 2-3/8"tubing.

2. RIH w/ [illegible] RBP on 2-3/8" TBG, set RBP @ 6020'. Test RBP and CSG to 3000 psi. Dump one SK of sand on top of RBP. Spot 500 gals 15% HCL across perf interval. POOH w/ TBG.

3. RU wireline and GIH with a 4" OD Schlumberger "Heg" cased carrier gun and perforate the following Mesaverde Interval with 4 SPF (0.39" holes), 90 degree phasing:

Interval	Ft	Holes
5916-5928	12'	48

4. RU Service Company. Install Frac Tree. Break down perfs (flush acid) with 2 % KCL water (establish rate and pressure).

5. Fracture stimulate perforated interval using 119,000 # 20/40 Brady Sand and 51,775 Gal 40 # Linear Gel. Tail Brady Sand with 24,000 # resin coated sand.

16,000 gals Pad
1,000 gals 1 ppg
2,000 gals 2 ppg
3,000 gals 3 ppg
5,000 gals 4 ppg
5,000 gals 5 ppg
10,000 gals [illegible] ppg
4,000 gals 6 ppg (Resin Sand)
5,775 gals Flush

Max Pressure 3000 psi
Average rate 40 BPM

6. Shut well in overnight to allow resin coating to cure.

7. Flow back. RIH with 2-3/8" TBG to 5922'. Cleanout if necessary. Swab/flow test Mesaverde interval. NDBOP, NUWH, RDMOSU. Obtain shut-in pressure and fluid level. Put Mesaverde on production and test.

8. If Mesaverde completion is <u>successful</u>, notify NMOCD Aztec District office with our intent to commingle. MIRUSU, NDWH, NUBOP. POOH with 2-3/8" TBG. RIH w/ retrieving head on 2-3/8" TBG and POOH w/ RBP @ 6020'. GIH and cleanout to PBTD. POOH. RIH w/ rods, pump and 2-3/8" production tubing. NDBOP, NUWH, RDMOSU. Put well on downhole commingled production (MV and GP/DK). Obtain stable commingled oil, gas, and water production rates for allocation formula.

9. If Mesaverde completion is <u>unsuccessful</u>, cement squeeze Mesaverde. MIRUSU, NDWH, NUBOP. POOH RIH w/ retrieving head on 2-3/8" tubing and POOH w/ RBP @ 6020'. GIH and cleanout to PBTD. POOH. RIH with Gallup/Dakota production equipment. NDBOP, NUWH, RDMOSU. Return well to G/DK production.