

Exhibits 1 through 6
Complete Set

BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

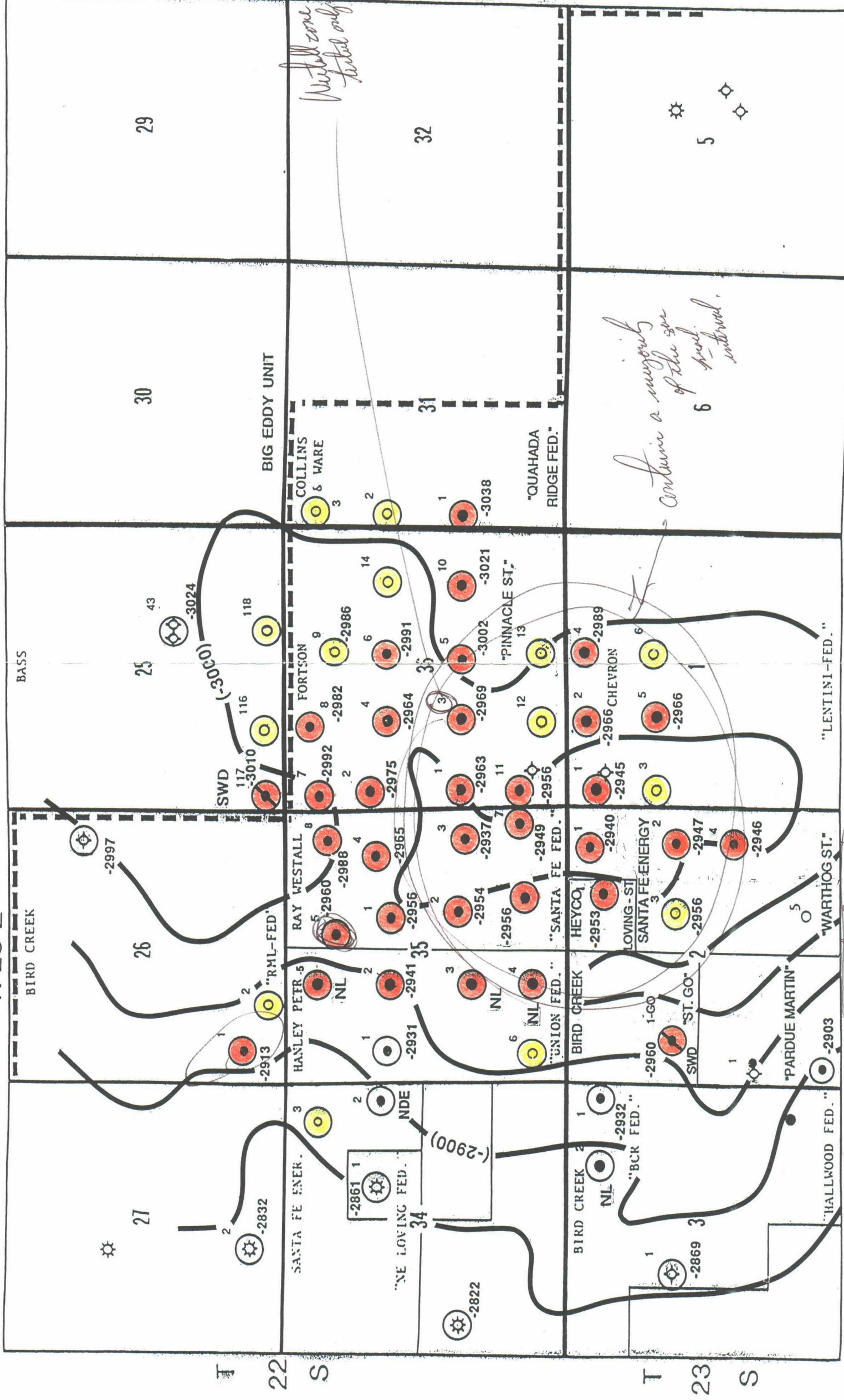
Case No. 10541 (Reopened) Exhibit No. 4

Submitted by: Collins & Ware, Inc.

Hearing Date: February 17, 1994

R 28 E

R 29 E



LEGEND

● HERRADURA BEND, EAST DELAWARE PRODUCERS

● PROPOSED LOCATIONS

HERRADURA BEND, EAST DELAWARE FIELD

WESTALL SAND STRUCTURE MAP

CI: 50'

SCALE 1" = 2000'

2-94

(Brandy Canyon)
solution gas driven
in oil
internally

*Collins Sand - oil
(5900' - 6250')*

*Westall Zone - gas only zone
Brantley sand-oil*

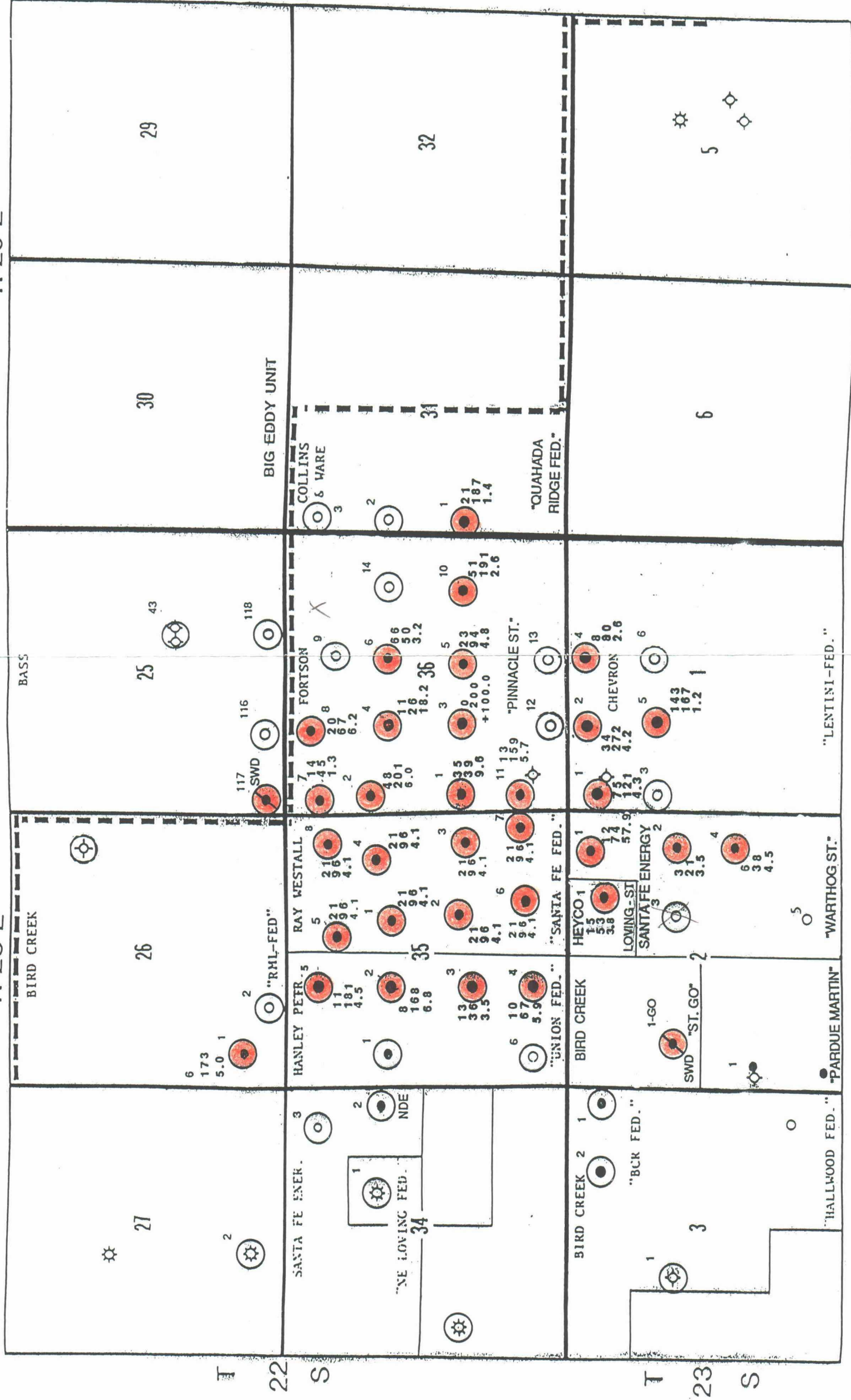
*oil 43° API
12000 ft³/barrel
will probably
avg
7500 bbl*

*contain a majority
of the gas
prod.
interval.*

*Westall zone
filled only water*

R 28 E

R 29 E



LEGEND

- HERRADURA BEND, EAST COMPLETION
- 31 BARRELS OIL PER DAY
- 37 BARRELS WATER PER DAY
- 7.7 GAS OIL RATIO-MCF/BBL

HERRADURA BEND, EAST DELAWARE FIELD

DECEMBER, 1993 PRODUCTION

SCALE 1" = 2000'

BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 10541 (Reopened) Exhibit No. 1

Submitted by: Collins & Ware, Inc.

Hearing Date: February 17, 1994

HERRADURA BEND EAST DELAWARE POOL
EDDY COUNTY, NEW MEXICO
FORM C-115 DATA

OPERATOR	LEASE	WELL LOCATION	-----DECEMBER 1993-----					GOR
			BO	BW	MCF	BOPD	BMPD	CF/BBL
BIRD CREEK RESOURCES	RML FEDERAL	1 M-26-22-28	182	5,351	917	6	173	5,018
CHEVRON USA INC.	LENTINI FEDERAL	1 D- 1-23-28	2,328	3,749	9,983	75	121	4,288
		2 C- 1-23-28	1,050	8,432	4,442	34	272	4,230
		4 B- 1-23-28	257	2,490	675	8	80	2,626
		5 F- 1-23-28	4,422	5,174	5,395	143	167	1,220
COLLINS & WARE INC.	QUAHADA RIDGE 31	1 M-31-22-29	648	5,798	937	21	187	1,446
FORTSON OIL CO.	PINNACIE STATE	1 L-36-22-28	1,080	1,197	10,392	35	39	9,622
		2 E-36-22-28	1,482	6,241	8,918	48	201	6,018
		3 K-36-22-28	0	6,209	1,753	0	200	>100,000
		4 F-36-22-28	326	808	5,920	11	26	18,160
		5 J-36-22-28	728	2,910	3,506	23	94	4,816
		6 G-36-22-28	2,059	1,552	6,504	66	50	3,159
		7 D-36-22-28	427	1,391	559	14	45	1,309
		8 C-36-22-28	628	2,070	3,862	20	67	6,150
		9 B-36-22-28						
		10 I-36-22-28	1,582	5,918	4,142	51	191	2,618
		11 M-36-22-28	403	4,915	2,313	13	159	5,739
HANLEY PETROLEUM	UNION 35 FEDERAL	2 F-35-22-28	242	5,220	1,635	8	168	6,756
		3 K-35-22-28	404	1,124	1,403	13	36	3,473
		4 N-35-22-28	296	2,089	1,752	10	67	5,919
		5 C-35-22-28	351	5,622	1,519	11	181	4,328
SANTA FE ENERGY	WARTHOG 2 STATE	1 A- 2-23-28	363	2,307	21,014	12	74	57,890
		2 H- 2-23-28	103	658	358	3	21	3,476
		3 G- 2-23-28						
		4 I- 2-23-28	186	1,179	835	6	38	4,489
RAY WESTALL	SANTA FE FEDERAL	1 G-35-22-28	650	2,965	2,673	21	96	4,112
		2 J-35-22-28	650	2,965	2,673	21	96	4,112
		3 I-35-22-28	650	2,965	2,673	21	96	4,112
		4 H-35-22-28	650	2,965	2,673	21	96	4,112
		5 B-35-22-28	650	2,965	2,673	21	96	4,112
		6 O-35-22-28	650	2,965	2,673	21	96	4,112
		7 P-35-22-28	650	2,965	2,673	21	96	4,112
		8 A-35-22-28	651	2,965	2,674	21	96	4,108
HEYCO	LOVING 2 STATE	1 B- 2-23-28	455	1,629	1,736	15	53	3,815
TOTAL POOL			25,203	107,753	121,855	813	3,476	4,835

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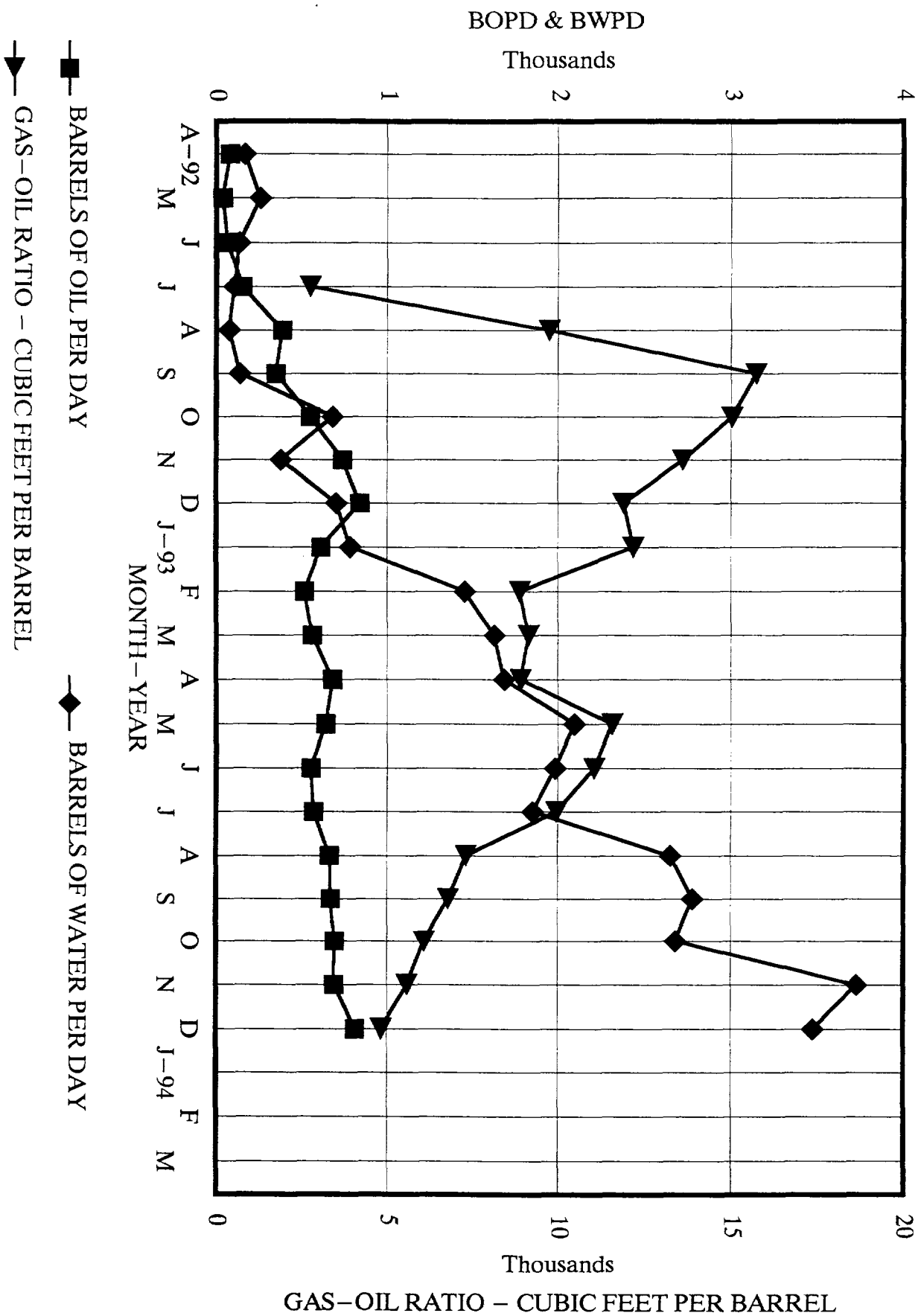
Case No. 10541 (Reopened) Exhibit No. 2

Submitted by: Collins & Ware, Inc.

Hearing Date: February 17, 1994

HERRADURA BEND EAST DELAWARE OIL POOL

POOL DAILY PRODUCTION



**BEFORE THE
OIL CONSERVATION DIVISION**
Santa Fe, New Mexico

Case No. 10541 (Reopened) Exhibit No. 3

Submitted by: Collins & Ware, Inc.

Hearing Date: February 17, 1994

ExhibitsExhibits

**BEFORE THE
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Santa Fe, New Mexico

Case No. 10541 (Reopened) Exhibit No. 5

Submitted by: Collins & Ware, Inc.

Hearing Date: February 17, 1994

HERRADURA BEND EAST DELAWARE POOL - EDDY COUNTY, NEW MEXICO
PAGE 1 of 3

ALL OPERATORS
TOTAL POOL

MONTH - YEAR	DAYS	POOL				POOL		
		BO	BW	MCF		BOPD	BMPD	GOR
APRIL 1992	30	2,469	5,036	0		82	168	
MAY	31	1,273	8,046	0		41	260	
JUNE	30	2,059	4,122	0		69	137	
JULY	31	4,769	3,314	13,129		154	107	2,753
AUGUST	31	12,022	2,357	117,180		388	76	9,747
SEPTEMBER	30	10,479	4,221	164,865		349	141	15,733
OCTOBER	31	17,121	21,109	257,460		552	681	15,038
NOVEMBER	30	22,148	11,347	301,533		738	378	13,614
DECEMBER	31	26,058	21,747	310,362		841	702	11,910
JANUARY 1993	31	19,029	24,353	232,015		614	786	12,193
FEBRUARY	28	14,450	40,729	128,624		516	1,455	8,901
MARCH	31	17,448	50,528	159,671		563	1,630	9,151
APRIL	30	20,465	50,656	182,633		682	1,689	8,924
MAY	31	19,934	65,011	230,837		643	2,097	11,580
JUNE	30	16,619	59,489	183,642		554	1,983	11,050
JULY	31	17,731	57,442	176,546		671	1,853	9,957
AUGUST	31	20,645	82,167	151,185		666	2,651	7,323
SEPTEMBER	30	20,140	83,358	136,725		671	2,779	6,789
OCTOBER	31	21,519	83,553	130,695		694	2,695	6,073
NOVEMBER	30	20,701	111,892	115,721		690	3,730	5,590
DECEMBER	31	25,203	107,753	121,855		813	3,476	4,835

BEFORE THE
OIL CONSERVATION DIVISION
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Case No. 10541 (Reopened) Exhibit No. 6

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SANTA FE ENERGY OPERATING PARTNERS
WARTHOG 2 STATE LEASE

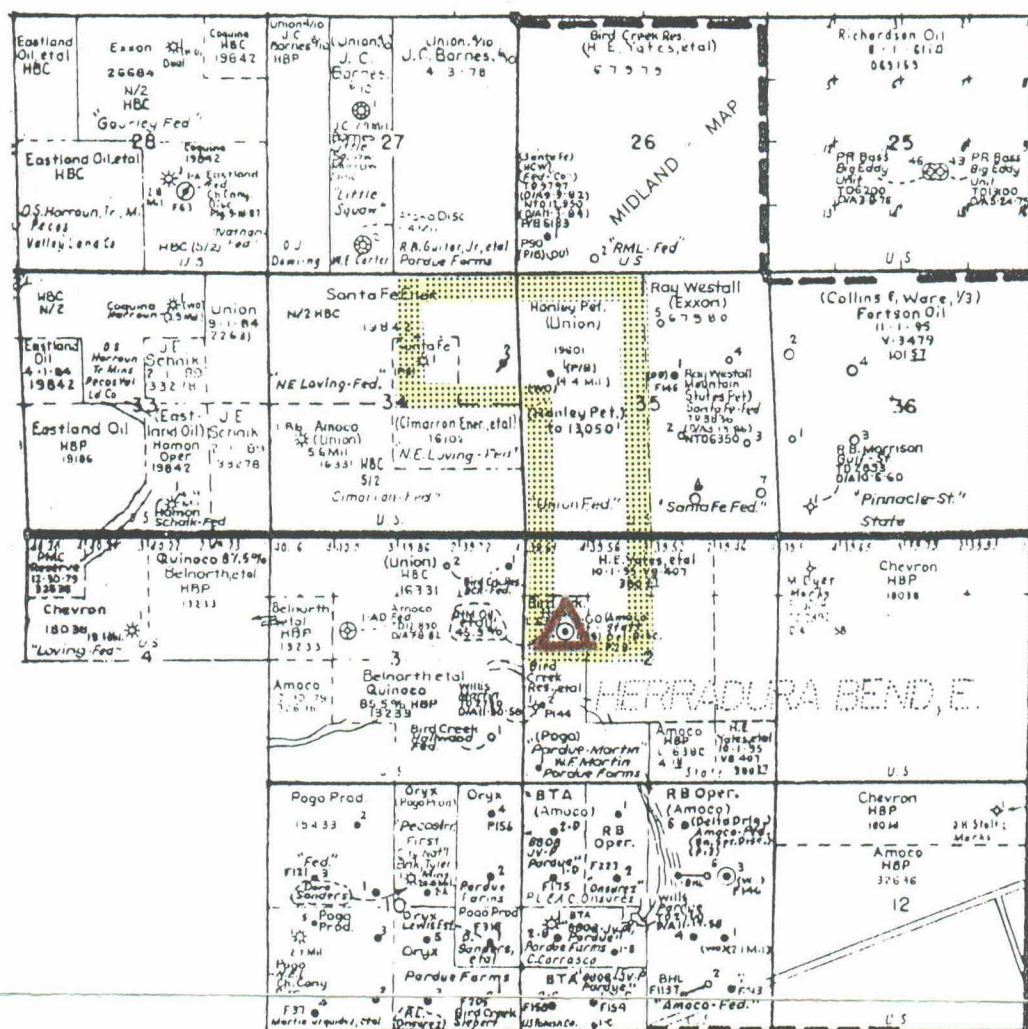
SANTA FE FEDERAL LEASE

HARVEY E. YATES COMPANY
LOVING 2 STATE LEASE

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23
S



RAY WESTALL OPERATING

HERRADURA BEND , EAST DELAWARE FIELD

Eddy Co., New Mexico

LAND PLAT

LEGEND



HERRADURA BEND, EAST FIELD OUTLINE



DISCOVERY WELL

3/14/86 DATE OF POOL DESIGNATION

Scale : 1"=4000'

9/92

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

APPLICANTS EXHIBIT NO. 1

CASE NO. 10541