

WEST LOVINGTON STRAWN FIELD

LEA COUNTY, NEW MEXICO

Gillette 1
10530 (Reopened)

WEST LOVINGTON STRAWN FIELD

FIELD HISTORY

Discovery Date	- May 1992
Number of producing wells	- Nine
Spacing	- 80 Acres
Current Production	- 24,000 BBLS Oil and 38,000 MCF Per Month
Cumulative Production	- 1,227,935 BBLS Oil and 2,418,463 MCF
Initial Reservoir Pressure	- 4392 psi
Current Reservoir Pressure	- 3384 psi
Bubble Point Pressure	- 4130 psi
Original Oil In Place	- 12,525,000 BBLS OIL (Volumetrics)

WEST LOVINGTON STRAWN FIELD

WELL COMPLETION HISTORY

<u>WELL NAME</u>	<u>COMPLETION DATE</u>	<u>POTENTIAL</u>
Hamilton Federal #1	06-30-92	408 BO & 1200 MCF
Hamilton Federal #2	01-10-93	492 BO & 1026 MCF
Hamilton Federal #3	11-03-93	484 BO & 958 MCF
Hamilton Federal #4	12-19-93	487 BO & 970 MCF
Earnestine #1	03-03-93	515 BO & 1039 MCF
Earnestine #2	03-23-93	436 BO & 894 MCF
Speight Fee 1	09-09-92	525 BO & 1081 MCF
Snyder "S" Com #1	03-24-94	583 BO & 1117 MCF
Wiley Fee #1	07-31-94	500 BO & 998 MCF

WEST LOVINGTON STRAWN FIELD**BOTTOM HOLE PRESSURE HISTORY**

<u>WELL NAME</u>	<u>TYPE OF MEASUREMENT</u>	<u>DATE</u>	<u>BHP</u>	<u>CUM OIL PRODUCTION</u>
Hamilton Federal #1	Drill Stem Test	05-13-92	4392	0
Speight Fee #1	Drill Stem Test	08-12-92	4308	16100
Hamilton Federal #1	Build-up Test	08-28-92	4342	21400
Speight Fee #1	Build-up Test	11-04-92	4230	71500
Hamilton Federal #2	Drill Stem Test	11-19-92	4224	85400
Earnestine #1	Drill Stem Test	01-18-93	4136	141300
Earnestine #2	Drill Stem Test	02-26-93	4063	189800
Speight Fee #1	Build-up Test	04-26-93	3926	302500
Hamilton Federal #1	Dip-in Test	04-26-93	3926	302500
Hamilton Federal #2	Dip-in Test	04-26-93	3918	302500
Earnestine #1	Dip-in Test	04-26-93	3917	302500
Earnestine #2	Dip-in Test	04-26-93	3918	302500
Field Average	---	04-26-93	3921	302500
Hamilton Federal #3	Drill Stem Test	09-15-93	3629	590000
Snyder "S" Com #1	Drill Stem Test	12-03-93	3615	726200
Hamilton Federal #1	Build-up Test	04-21-94	3448	999500
Hamilton Federal #2	Dip-in Test	04-21-94	3457	999500
Hamilton Federal #3	Dip-in Test	04-21-94	3446	999500
Hamilton Federal #4	Dip-in Test	04-21-94	3448	999500
Speight Fee #1	Dip-in Test	04-21-94	3444	999500
Earnestine #1	Dip-in Test	04-21-94	3444	999500
Earnestine #2	Dip-in Test	04-21-94	3445	999500
Snyder "S" Com #1	Dip-in Test	04-21-94	3451	999500
Field Average	---	04-21-94	3450	999500
Wiley Fee #1	Build-up Test	09-09-94	3390	1147000
Snyder "S" Com #1	Dip-in Test	09-09-94	3393	1147000
Speight Fee #1	Dip-in Test	09-09-94	3392	1147000
Field Average	---	09-09-94	3392	1147000
Hamilton Fedral #1	Build-up Test	01-03-95	3368	1227935
Earnestine #2	Dip-in Test	01-03-95	3350	1227935
Wiley Fee #1	Dip-in test	01-03-95	3412	1227935
Snyder "S" Com #1	Dip-in Test	01-03-95	3407	1227935
Field Average	---	01-03-95	3384	1227935

WEST LOVINGTON STRAWN FIELD

CALCULATED PERMEABILITY TO OIL

<u>WELL NAME</u>	<u>DATE</u>	<u>TEST TYPE</u>	<u>PERMEABILITY</u>
HAMILTON FEDERAL #1	05-13-92	DRILL STEM	87 md *
HAMILTON FEDERAL #1	08-28-92	BUILD-UP	540 md
HAMILTON FEDERAL #1	04-21-94	BUILD-UP	277 md
HAMILTON FEDERAL #1	01-03-95	BUILD-UP	112 md **
HAMILTON FEDERAL #2	11-19-92	DRILL STEM	1204 md
HAMILTON FEDERAL #3	09-15-93	DRILL STEM	337 md
HAMILTON FEDERAL #4	---	NO TESTS	---
EARNESTINE #1	01-18-93	DRILL STEM	1420 md
EARNESTINE #2	02-26-93	DRILL STEM	204 md
SPEIGHT FEE #1	08-12-92	DRILL STEM	383 md
SPEIGHT FEE #1	11-04-92	BUILD-UP	392 md
SPEIGHT FEE #1	04-26-93	BUILD-UP	350 md
SNYDER "S" COM #1	12-03-93	DRILL STEM	392 md
WILEY FEE #1	09-09-94	BUILD-UP	68 md **

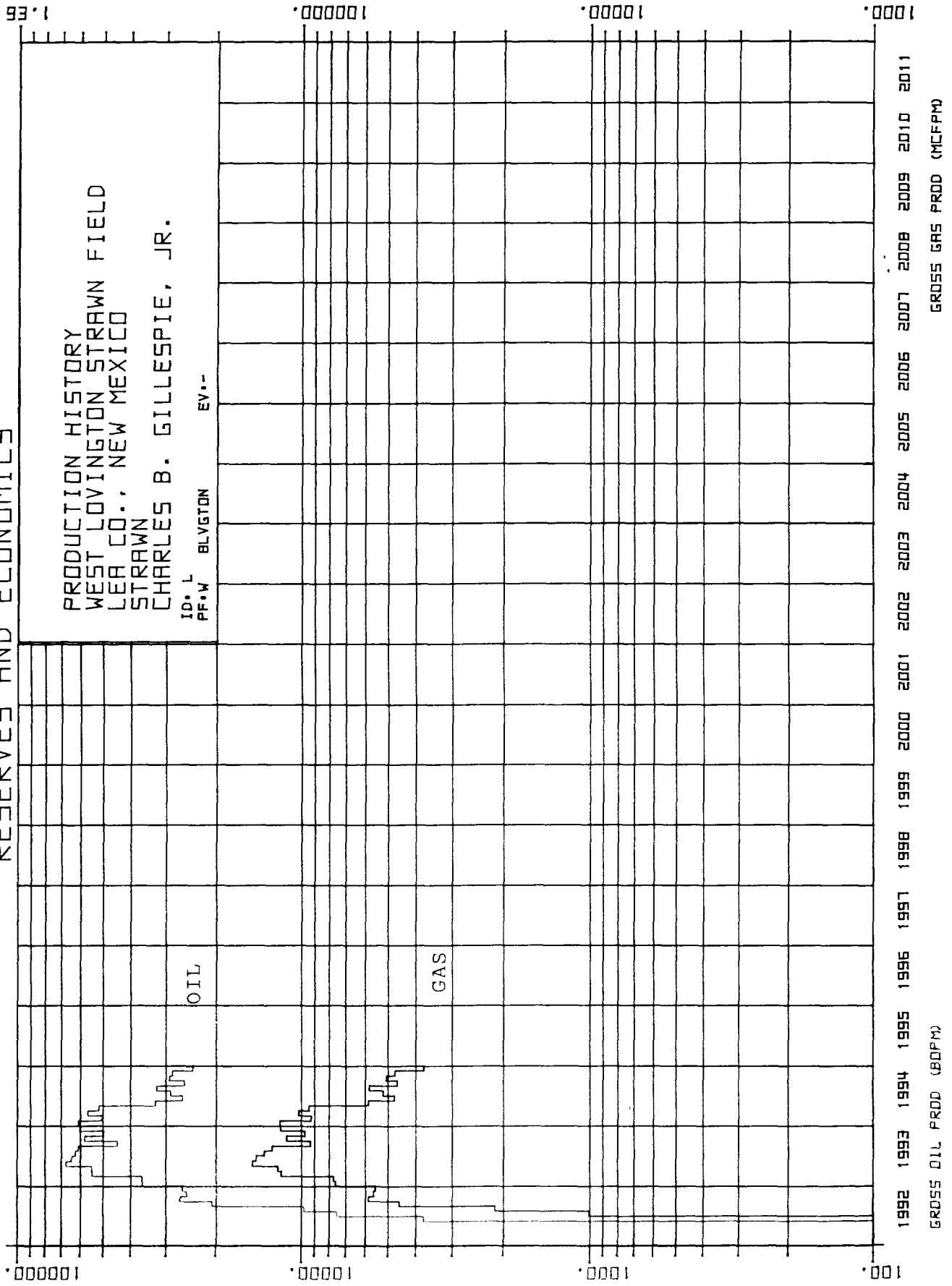
* LOW VALUE DUE TO SKIN DAMAGE FROM DRILLING FLUIDS

** QUESTIONABLE VALUE DUE TO SMALL DRAWN DOWN NEAR WELL BORE
BECAUSE OF LOW PRODUCING RATES

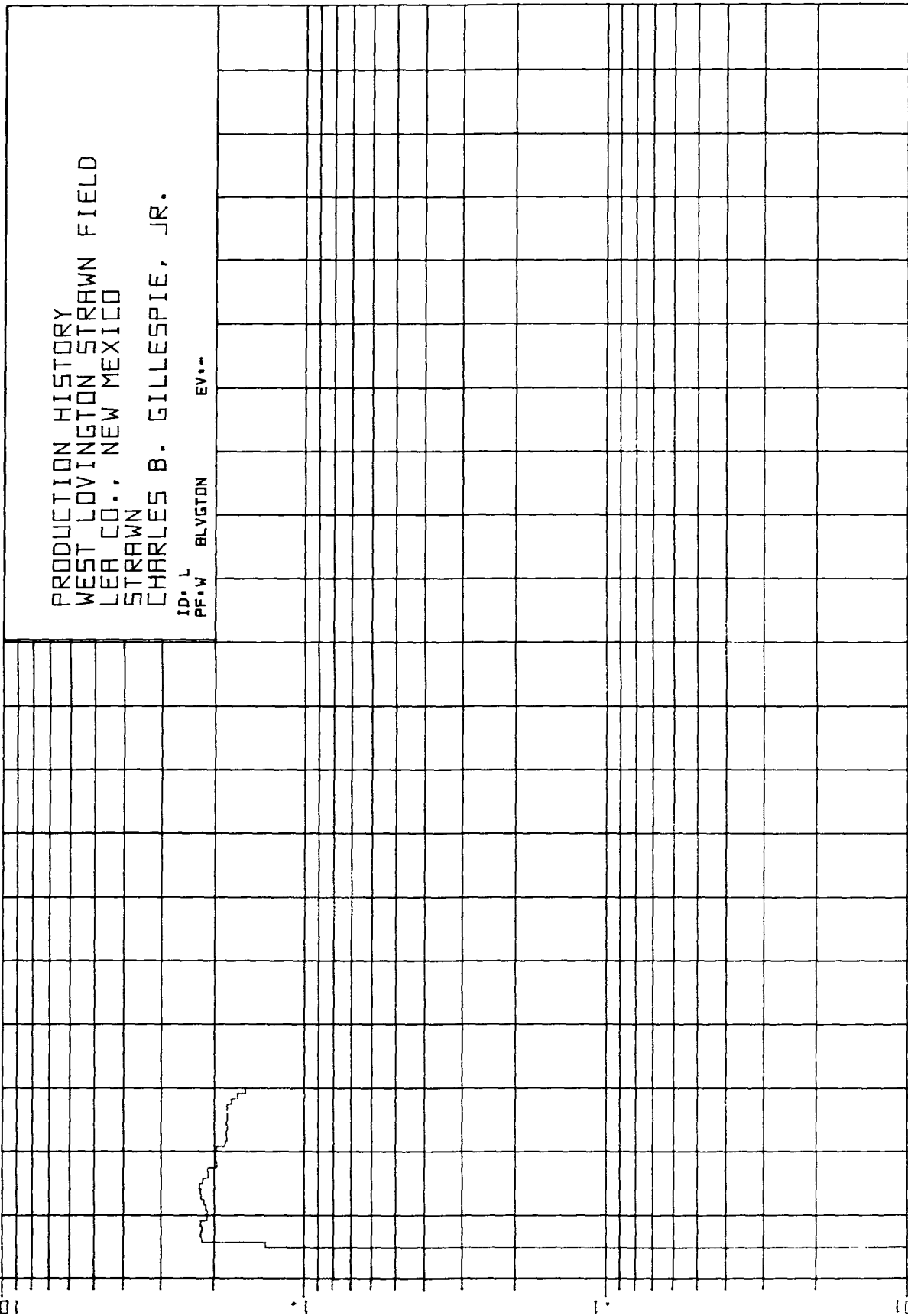
WEST LOVINGTON STRAWN TOTAL FIELD PRODUCTION

MONTH	OIL	GAS	GOR	CUM OIL	CUM GAS
1992					
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	3774	0	0	3774	0
July	8182	10177	1243	11956	10177
August	9751	21347	2189	21707	31524
September	20268	45584	2249	41965	77108
October	26959	58288	2162	68924	135396
November	26017	55951	2150	94941	191347
December	25508	55076	2159	120449	246423
TOTAL	120459	246423		120449	246423
1993					
January	35896	75880	2114	156345	322303
February	36044	77147	2140	192389	399450
March	62039	130016	2095	254428	529466
April	55471	120560	2173	309899	650026
May	66543	147811	2221	376442	797837
June	66996	143249	2203	443438	941086
July	64097	134522	2098	507535	1075608
August	61113	125870	2059	568651	1201478
September	46584	92875	1991	615235	1294273
October	56575	112431	1981	671810	1406704
November	50378	96889	1923	722188	1503593
December	60477	112800	1865	782665	1616393
TOTAL	662213	1369970		782665	1616393
1994					
January	60598	118216	1950	843263	1734609
February	50168	91886	1832	893431	1826495
March	56396	101845	1806	949827	1928340
April	51518	93711	1818	1001345	2022051
May	32512	58210	1790	1033857	2080261
June	26125	47387	1813	1059982	2127648
July	28768	51802	1800	1088750	2179450
August	32113	57588	1793	1120863	2237038
September	25644	46258	1803	1146507	2283296
October	29078	50498	1736	1175585	2333794
November	28362	47176	1663	1203947	2380970
December	23988	37493	1563	1227935	2418463
TOTAL	445270	802070		1227935	2418463

RESERVES AND ECONOMICS



GAS OIL RATIO



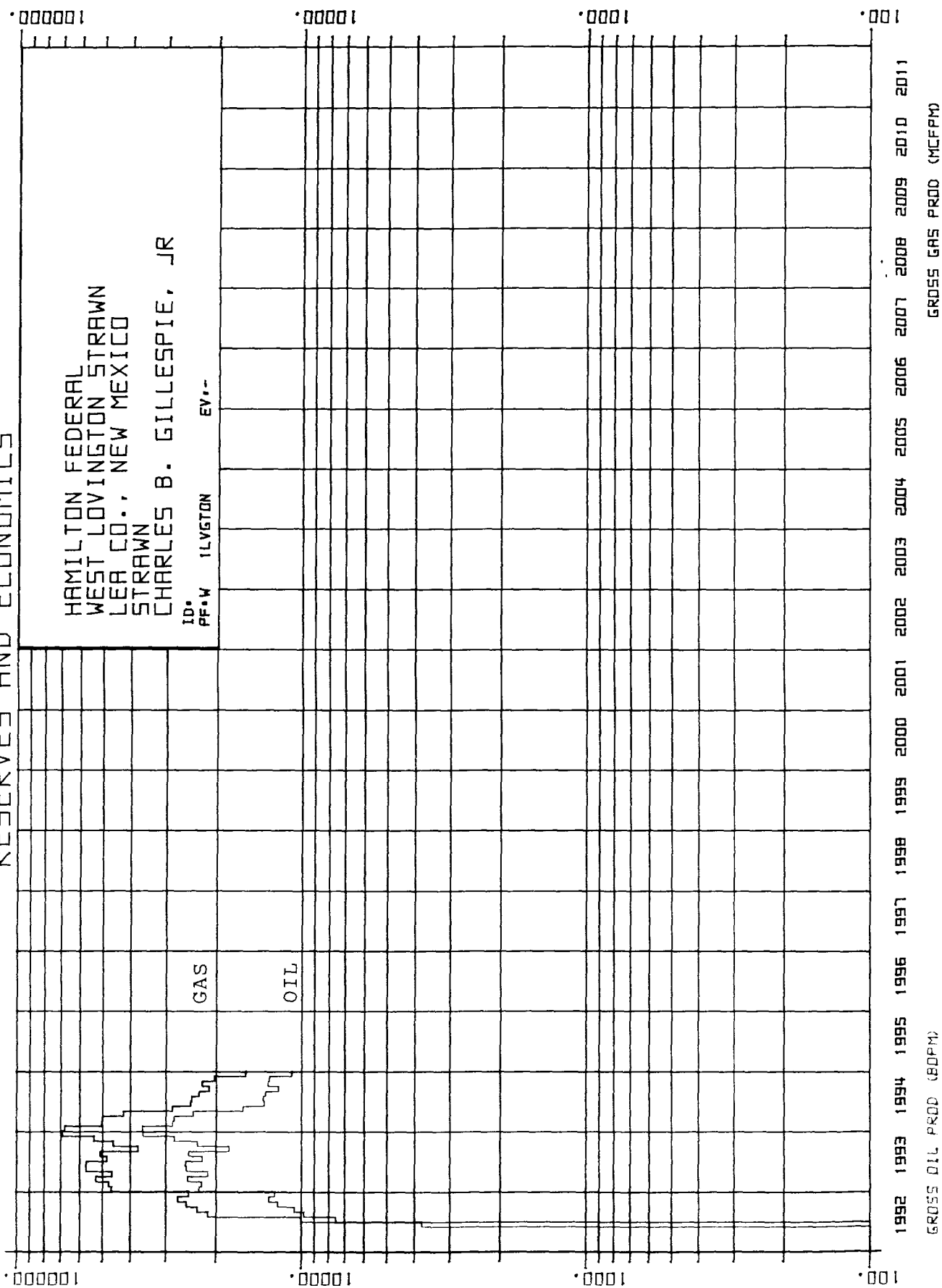
PRODUCTION HISTORY
 WEST LOVINGTON STRAWN FIELD
 LEA CO., NEW MEXICO
 STRAWN
 CHARLES B. GILLESPIE, JR.

ID: L PF:W BLV:GTON EV:-

GAS OIL RATIO

[illegible]

RESERVES AND ECONOMICS



GAS OIL RATIO

HAMILTON FEDERAL
WEST LOVINGTON STRAWN
LEA CO., NEW MEXICO
STRAWN
CHARLES B. GILLESPIE, JR

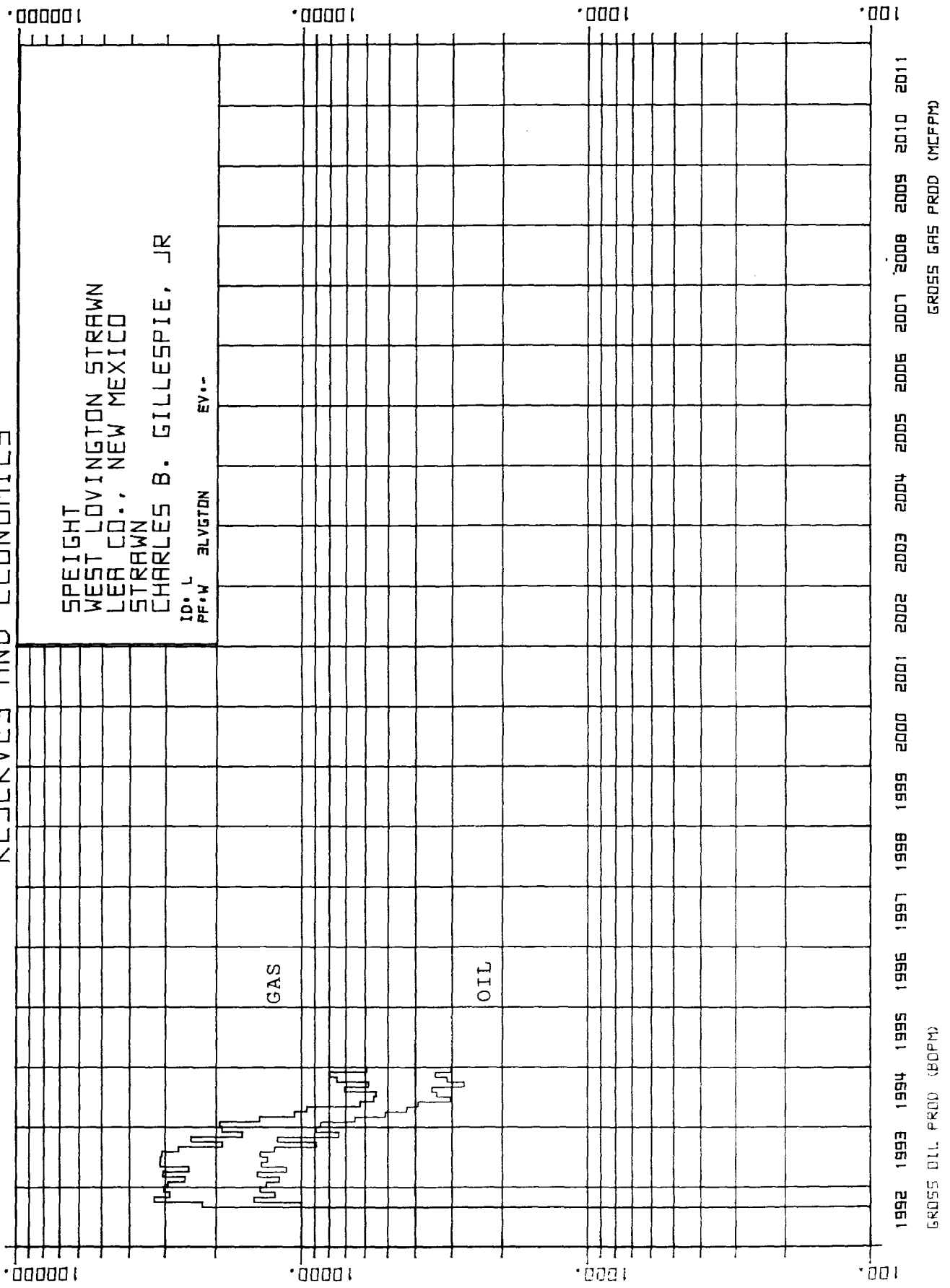
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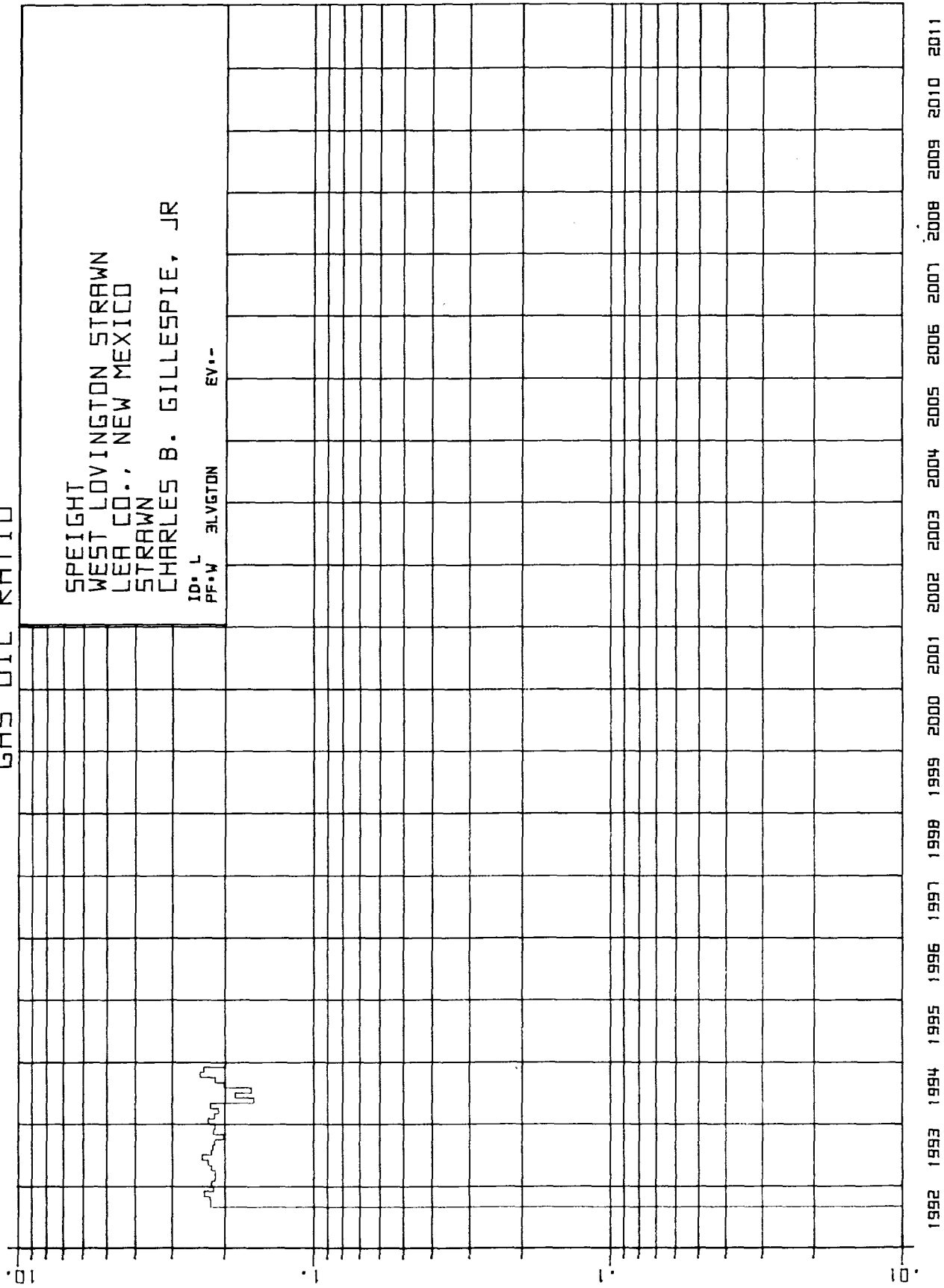
1992 1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011

GAS OIL RATIO

RESERVES AND ECONOMICS



GAS OIL RATIO

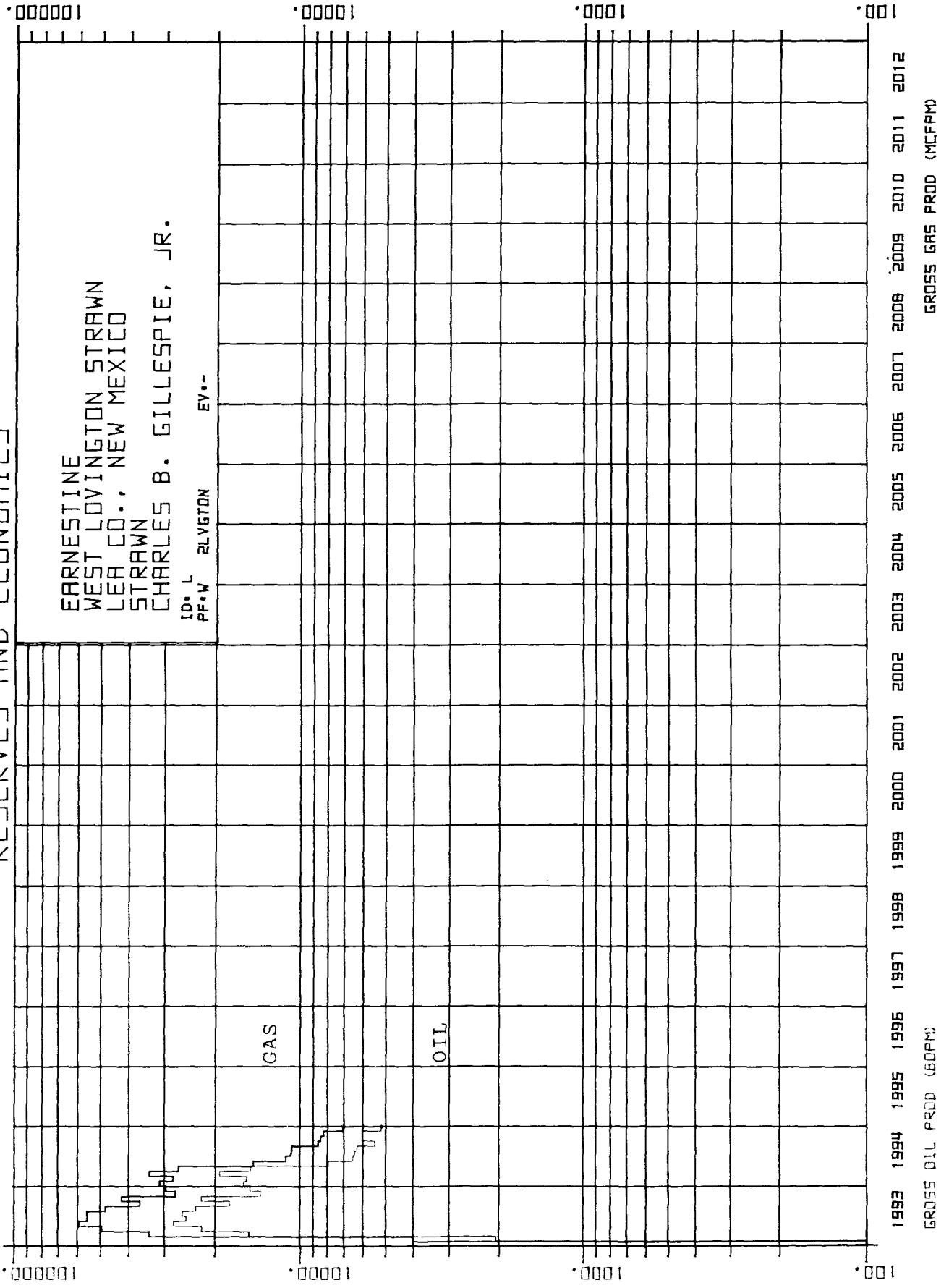


GAS OIL RATIO

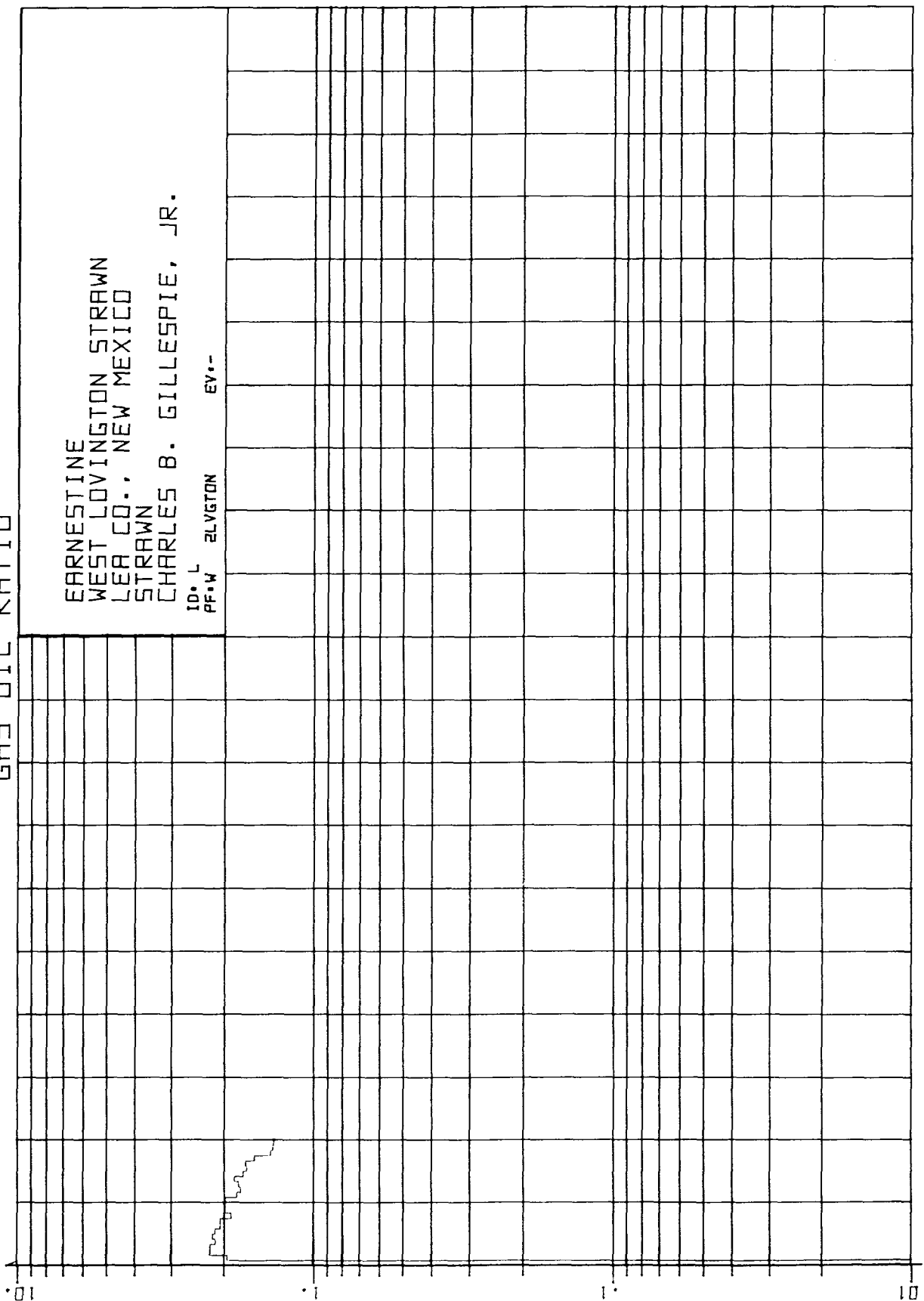
RESERVES AND ECONOMICS

ERNESTINE
WEST LOVINGTON STRAWN
LEA CO., NEW MEXICO
STRAWN
CHARLES B. GILLESPIE, JR.

ID. L PF-W 2LVGTON EV--



GAS OIL RATIO

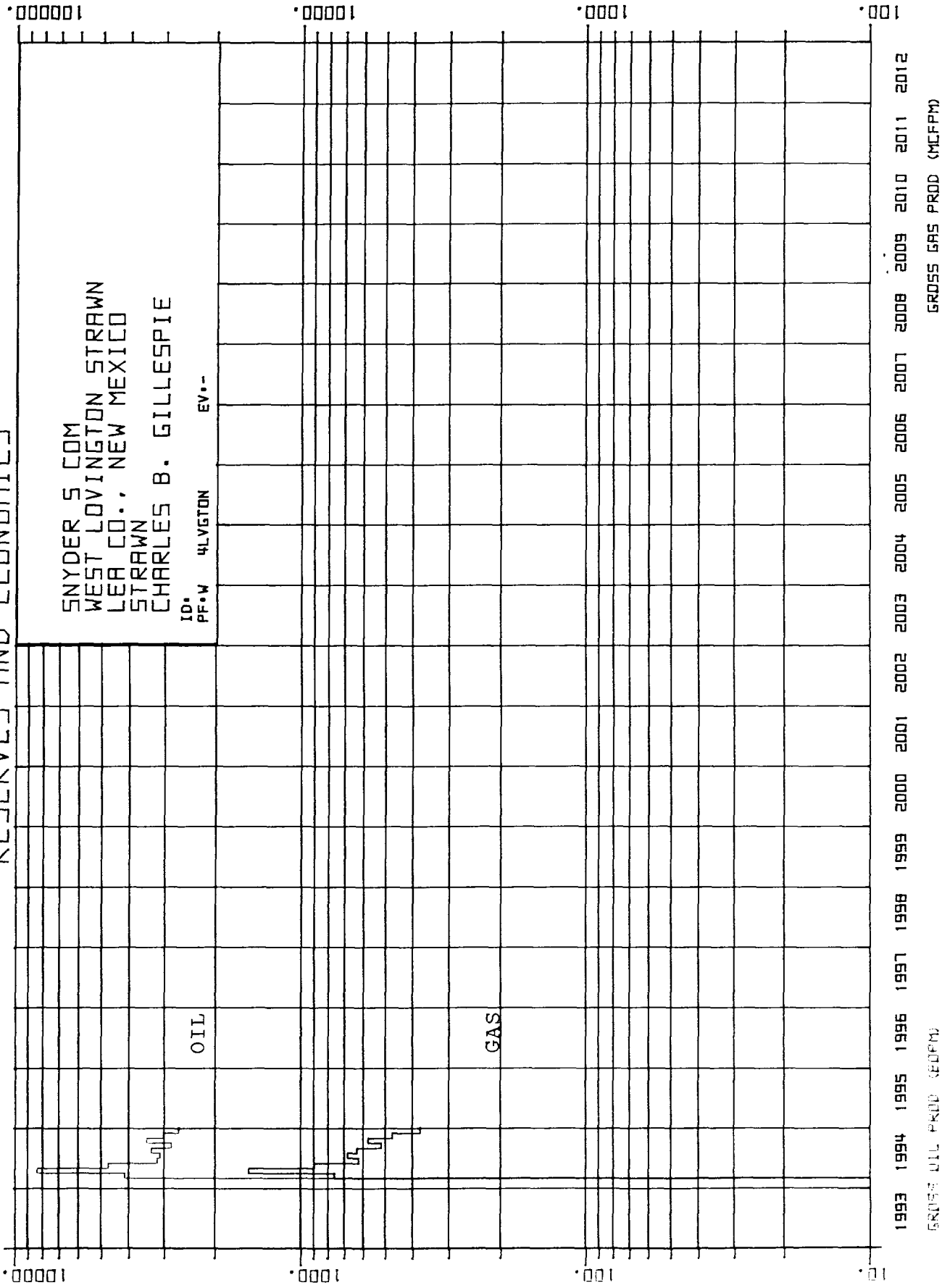


EARNESTINE
 WEST LOVINGTON STRAWN
 LEA CO., NEW MEXICO
 STRAWN
 CHARLES B. GILLESPIE, JR.

ID. L
 PF. W 2LVGTON EV. --

1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012
 GAS OIL RATIO

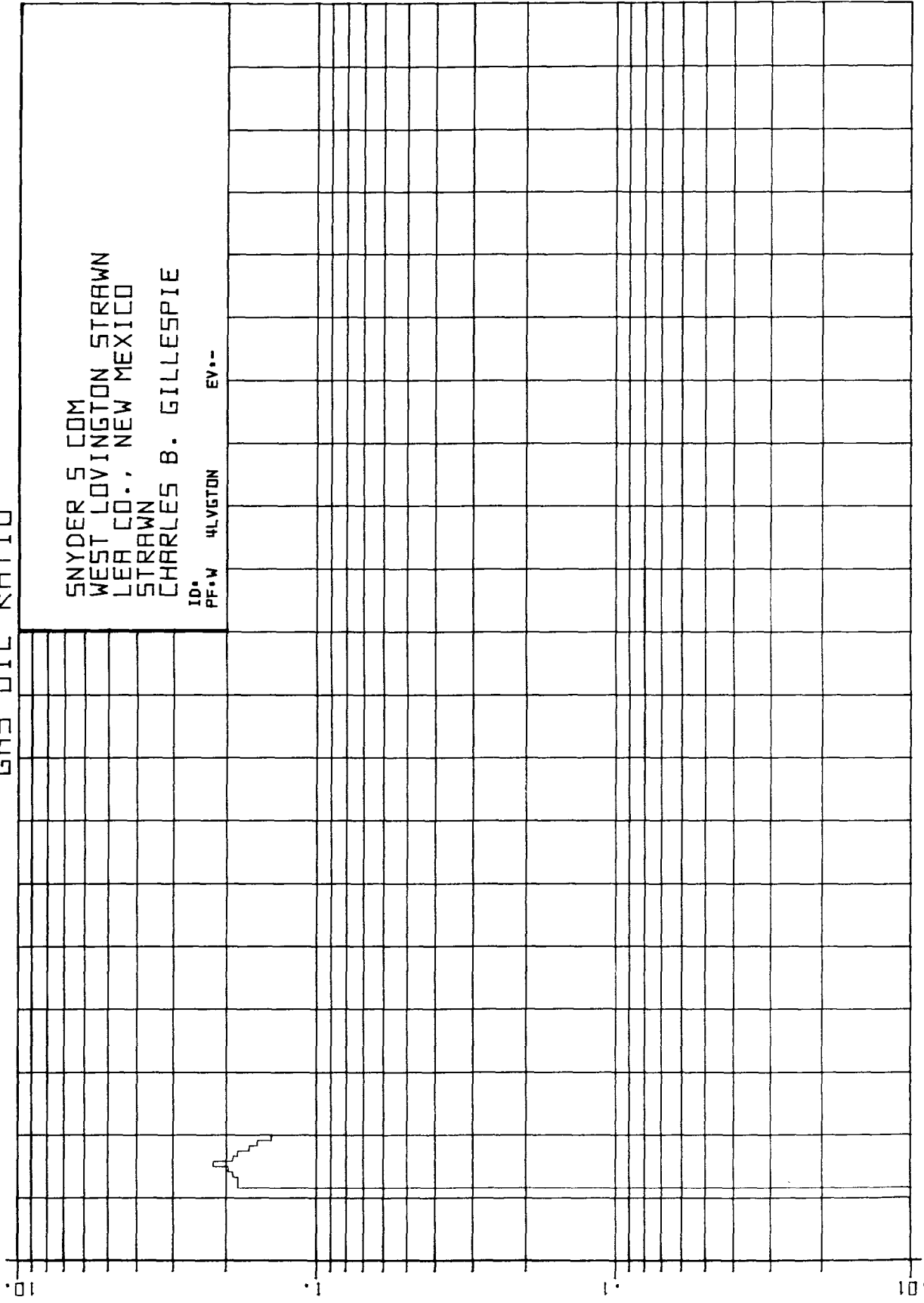
RESERVES AND ECONOMICS



GAS OIL RATIO

SNYDER S COM
WEST LOVINGTON STRAWN
LEA CO., NEW MEXICO
STRAWN
CHARLES B. GILLESPIE

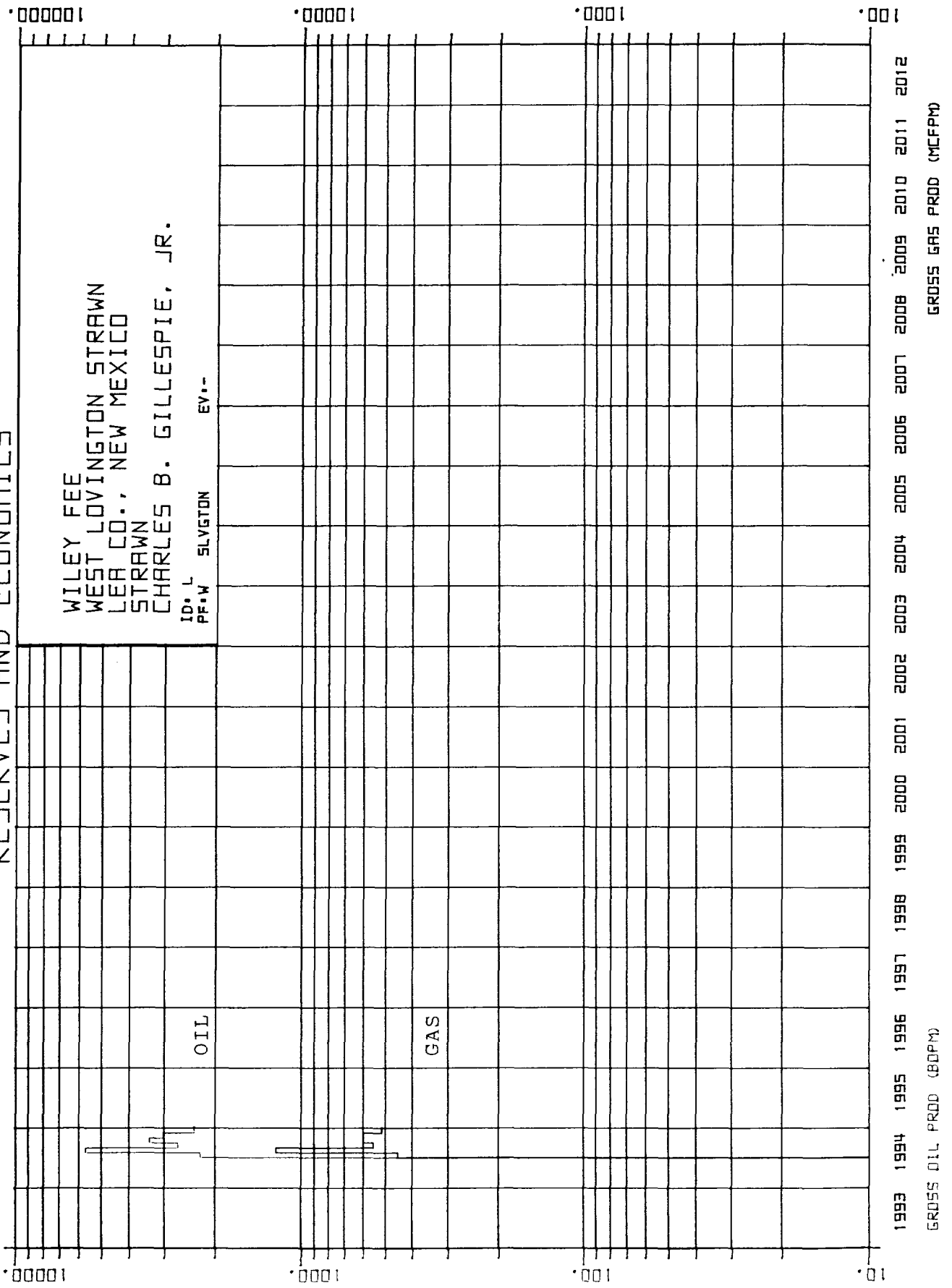
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PF-W ULVSTON EV--



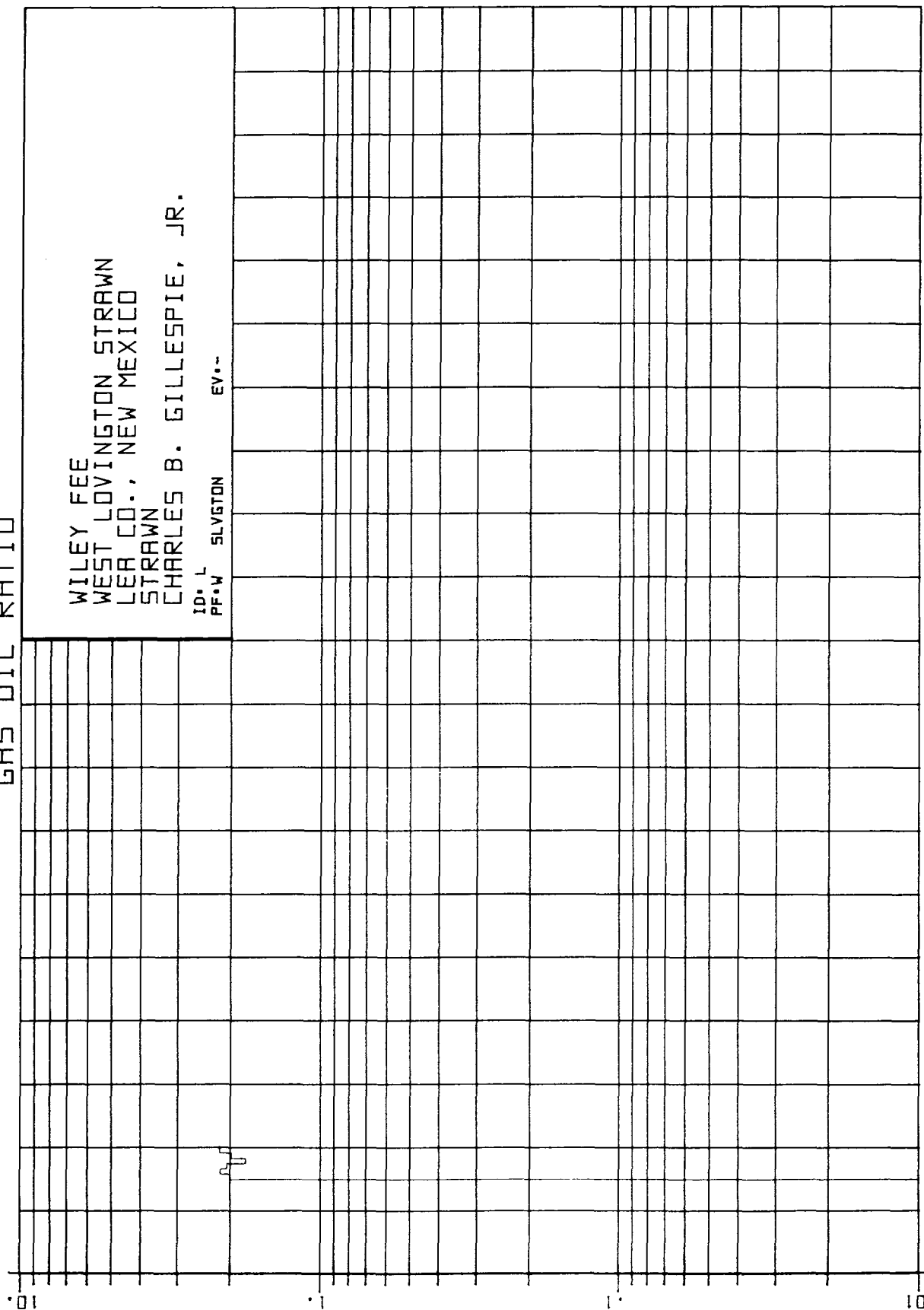
GAS OIL RATIO

LEASE: WILEY FEE					
MONTH	OIL	GAS	GOR	CUM OIL	CUM GAS
1994					
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	2258	4514	1999	2258	4514
August	5700	12269	2152	7958	16783
September	2688	5501	2046	10646	22284
October	3386	5978	1766	14032	28262
November	3031	5983	1974	17063	34245
December	2363	5132	2172	19426	39377
TOTAL	19426	39377		19426	39377
1995					
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL					
1996					
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL					

RESERVES AND ECONOMICS



GAS OIL RATIO



WILEY FEE
 WEST LOVINGTON STRAWN
 LEA CO., NEW MEXICO
 STRAWN
 CHARLES B. GILLESPIE, JR.

ID: L PF:W SLVGTON EV:--

1993 1994 1995 1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012

GAS OIL RATIO