

MALJAMAR AREA

Burnett Proposed Wells

- 6 Approved APD's
- 4 Pooling Apps. Filed

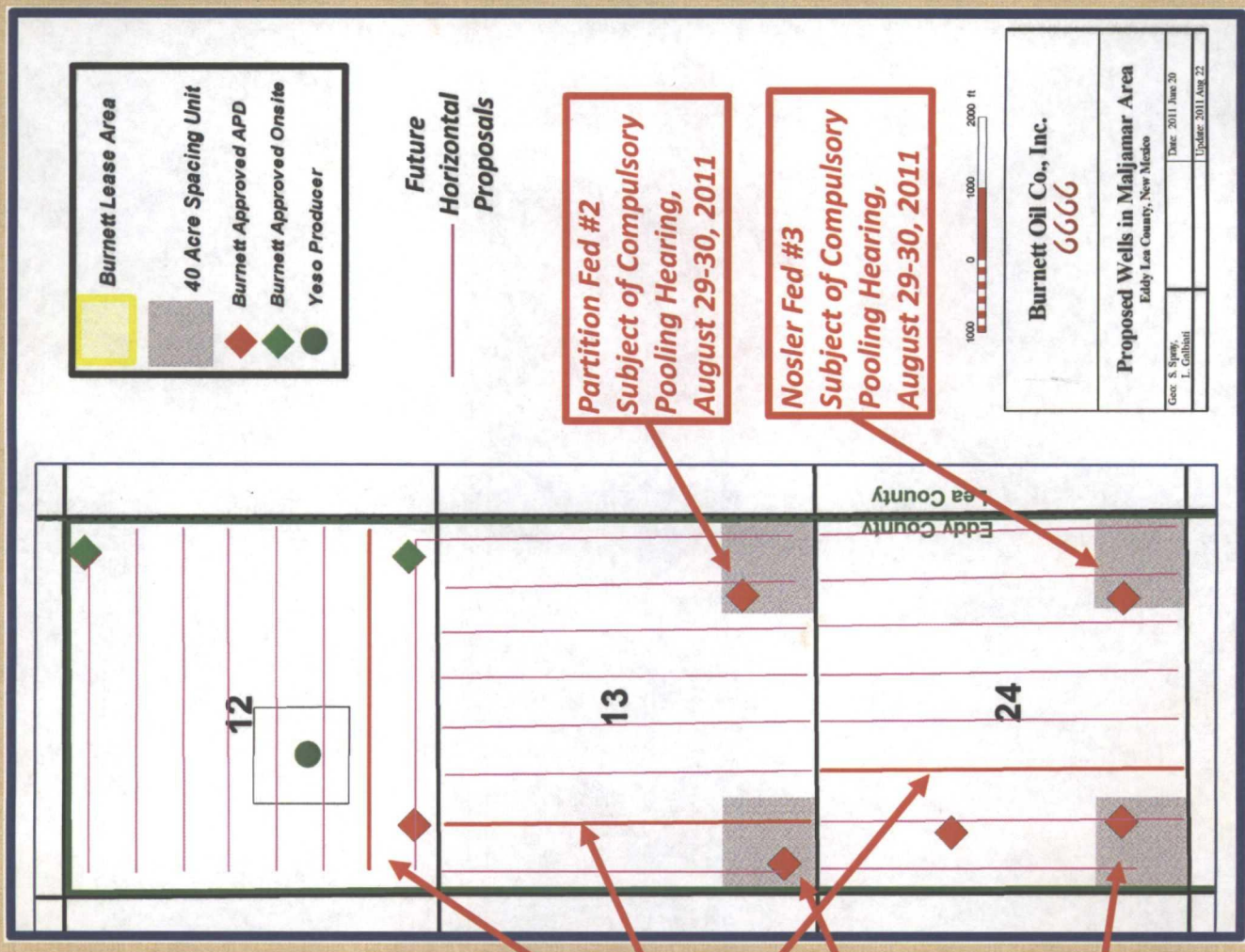
T17S - R31E
Eddy County, NM

Oil Conservation Division
Case No. 8
Exhibit No. 8

CASE NO: 14673
& 14674
EXHIBIT 8-A

New Mexico OCD
Consolidated Hearing Cases:
14673 & 14674
Burnett Oil Co., Inc.
Exhibit #

BURNETT OIL CO., INC.
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COG - McIntyre DK Federal 17H

Blinebry Horizontal Well

Section 17-T17S-R30E, Eddy Co., NM

BURNETT OIL CO., INC.

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30015378210000
COG OPERATING LLC
MCINTYRE DK FEDERAL 17H
TD=9265

1310 ft

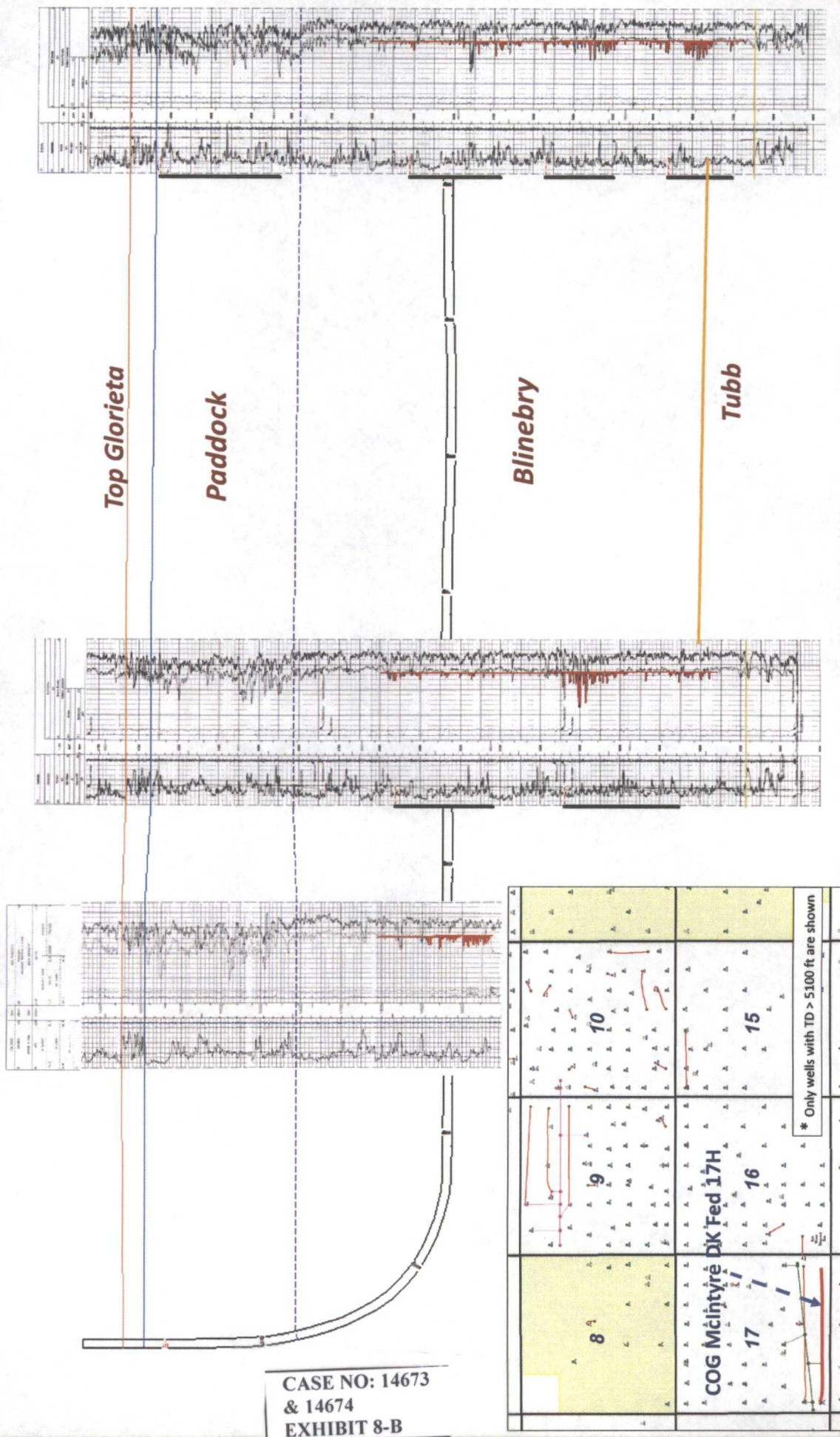
30015274720000
COG OPERATING LLC
MCINTYRE DK FEDER 8
TD=5100

979 ft

30015365760000
APACHE CORP
BIRDIE FEDERAL 16
TD=5900

2316 ft

30015361630000
APACHE CORP
RED FEDERAL 5
TD=5930

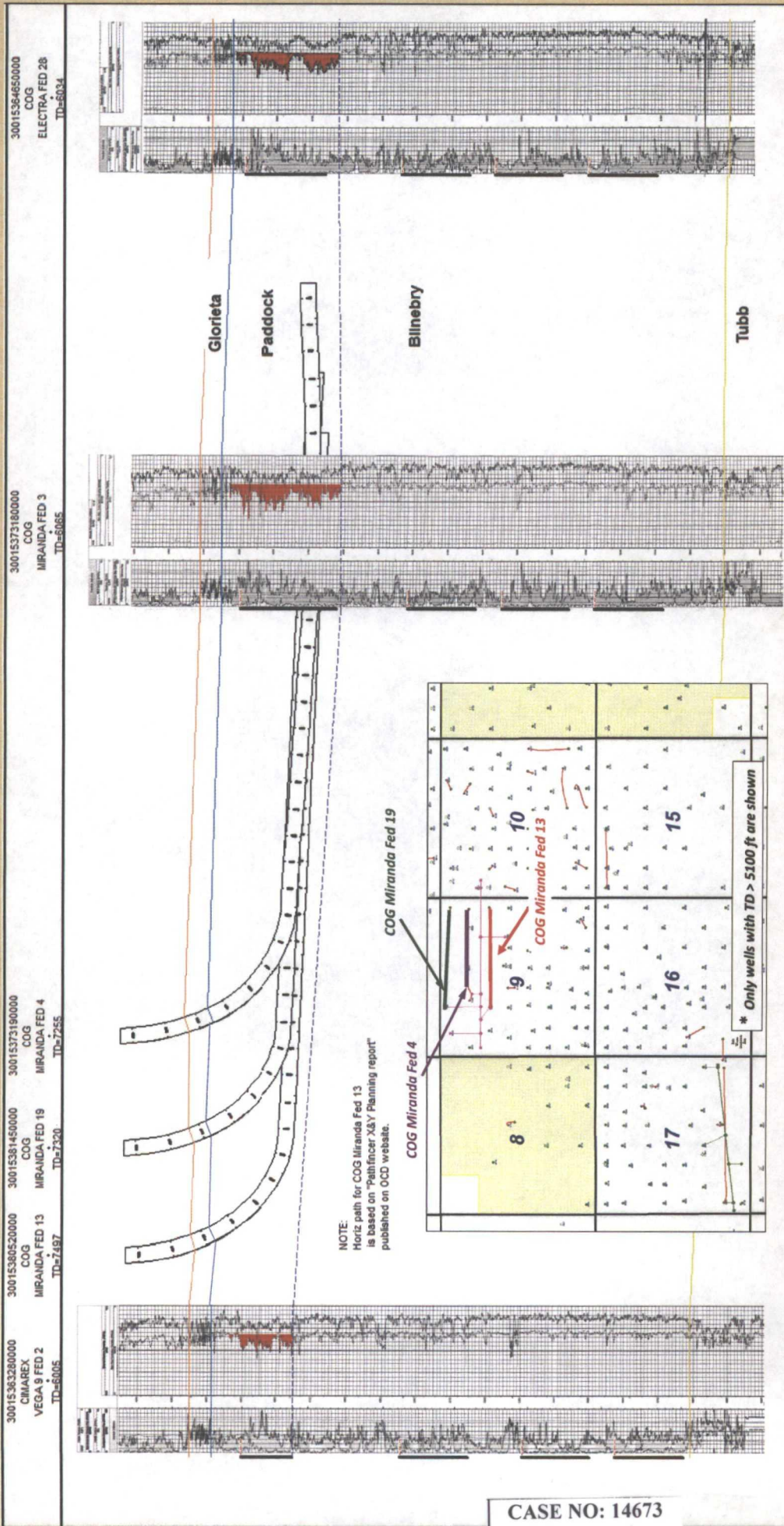


CASE NO: 14673
& 14674
EXHIBIT 8-B

COG – Miranda Federal Nos. 4, 13 and 19

Paddock Horizontal Wells

Section 9-T17S-R30E, Eddy Co., NM



CASE NO: 14673
& 14674
EXHIBIT 8-C

BURNETT OIL CO., INC.

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BURNETT HORIZONTAL YESO WELLS

ESTIMATED ULTIMATE RECOVERIES

- LOCO HILLS AREA -

<u>API</u>	<u>Case Name</u>	<u>Location</u>	<u>Oil EUR</u> (MBO)	<u>Gas EUR</u> (mmcf)	<u>EUR</u> (MBOE)	<u>Completion</u> <u>Technique</u>	<u>Zone</u>	<u>Lateral Length</u> (ft)	<u>BOE</u> <u>Per Lateral Ft</u>
<u>Cemented Casing Completion</u>									
3001534850000	GISSLER A 27H	17S 30E 14 I	188	309	240	Hot Acid	Paddock	1,734	138
3001534909000	GISSLER A 28H	17S 30E 14 O	226	241	266	Hot Acid	Paddock	1,811	147
3001536654000	GISSLER A 33H	17S 30E 14 I	204	412	273	Hot Acid	Paddock	2,533	108
3001534000000	JACKSON A 31	17S 30E 24 B	229	451	304	Hot Acid	Paddock	1,813	168
3001534846000	STEVENS A 13	17S 30E 13 N	374	945	531	Hot Acid	Paddock	2,010	264
3001536146000	STEVENS A 16H	17S 30E 13 L	227	430	299	Hot Acid	Paddock	1,875	159
<u>Un-Cemented Casing Completion</u>									
3001533123000	GISSLER A 23	17S 30E 14 H	95	145	119	Hot Acid	Paddock	1,728	69
3001534503000	GISSLER A 26	17S 30E 14 J	87	110	106	Hot Acid	Paddock	2,488	42
3001534502000	JACKSON A 35	17S 30E 13 G	163	413	231	Hot Acid	Paddock	2,190	106

EURs Calculated by PGH Engineering

CASE NO: 14673
& 14674
EXHIBIT 8-D

New Mexico OCD
Consolidated Hearing Cases:
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Exhibit #

BURNETT OIL CO., INC.

6666

Note: All Wells are in Completed in Paddock Member. Only Wells with a Minimum of 6 Months Production were Analyzed.

YESO HORIZONTAL COMPLETION COMPARISON

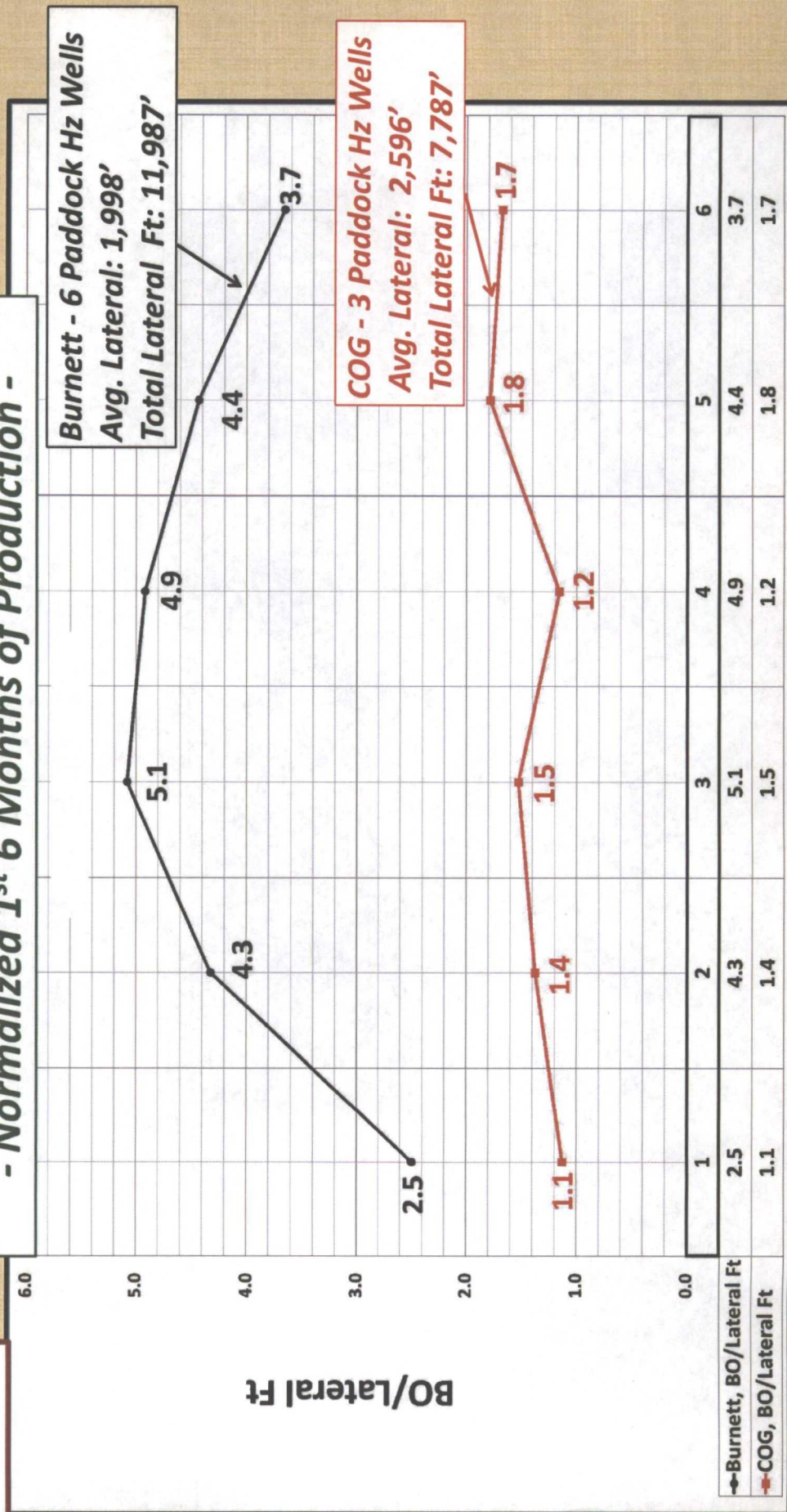
BURNETT **CASED** HOT ACID TREATMENT VS. COG PORTED FRAC COMPLETION

LOCO HILLS AREA (T17S – R 30E, Eddy County, NM)

BURNETT OIL CO., INC.

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BO Produced per Lateral Foot per Month
- Normalized 1st 6 Months of Production -



CASE NO: 14673
& 14674
EXHIBIT 8-E

Data Sources: IHS Energy,
State of New Mexico

Note: Only Wells with at Least 6 months of Production used for Analysis

YESO HORIZONTAL COMPLETION COMPARISON

BURNETT CASED HOT ACID TREATMENT VS. COG PORTED FRAC COMPLETION

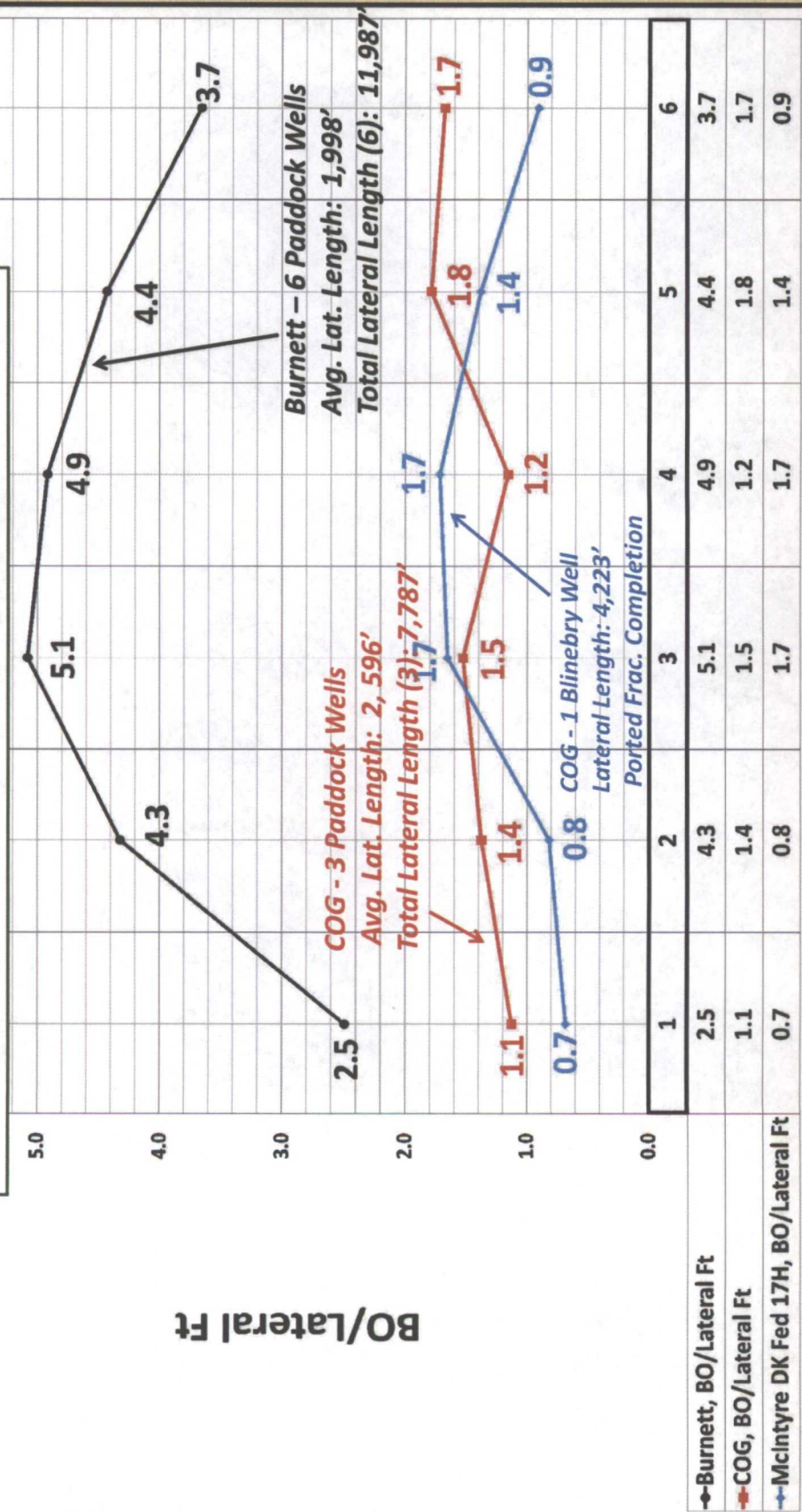
LOCO HILLS AREA (T17S – R 30E, Eddy County, NM)

BURNETT OIL CO., INC.

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BO Produced per Lateral Foot per Month

- Normalized 1st 6 Months of Production -



CASE NO: 14673
& 14674
EXHIBIT 8-F

Data Sources: IHS Energy,
State of New Mexico

Burnett Oil Co., Inc. Projected Income

Taylor Draw Horizontal Wells

Normalized for 1st 6 Months of Production

BOCI Taylor Draw Unit POD = (48) 4600' laterals, or 220,800' total lateral footage

4.2 BO/Lateral Foot in 1st 6 months (Normalized) x 220,800' of Lateral = 927,360 BO

BOCI Taylor Draw Unit Horizontal CWC AFE = \$2.7M

\$2.7M x 48 wells = \$129.6M total investment

Projected normalized 6 months gross sales from BOCI TDU wells:

927,360 BO BO x \$80/bbl = \$74,188,800

Burnett will Recover 57% (Gross) of the Investment in the 1st 6 Months

COG Projected Income

Proposed Horizontal Wells

Normalized for 1st 6 Months of Production

COG POD = (72) 4600' laterals, or 331,200' total lateral footage

1.4 BO/Lateral Foot in 1st 6 months (Normalized) x 331,200' of Lateral = 463,680 BO

COG Horizontal CWC AFE = \$9.6M

\$9.6M x 24 wells = \$230.4M total investment

Projected normalized 6 months gross sales from COG TDU wells:

463,680 BO BO x \$80/bbl = \$37,094,400

COG will Recover 16.1% (Gross) of the Investment in the 1st 6 Months