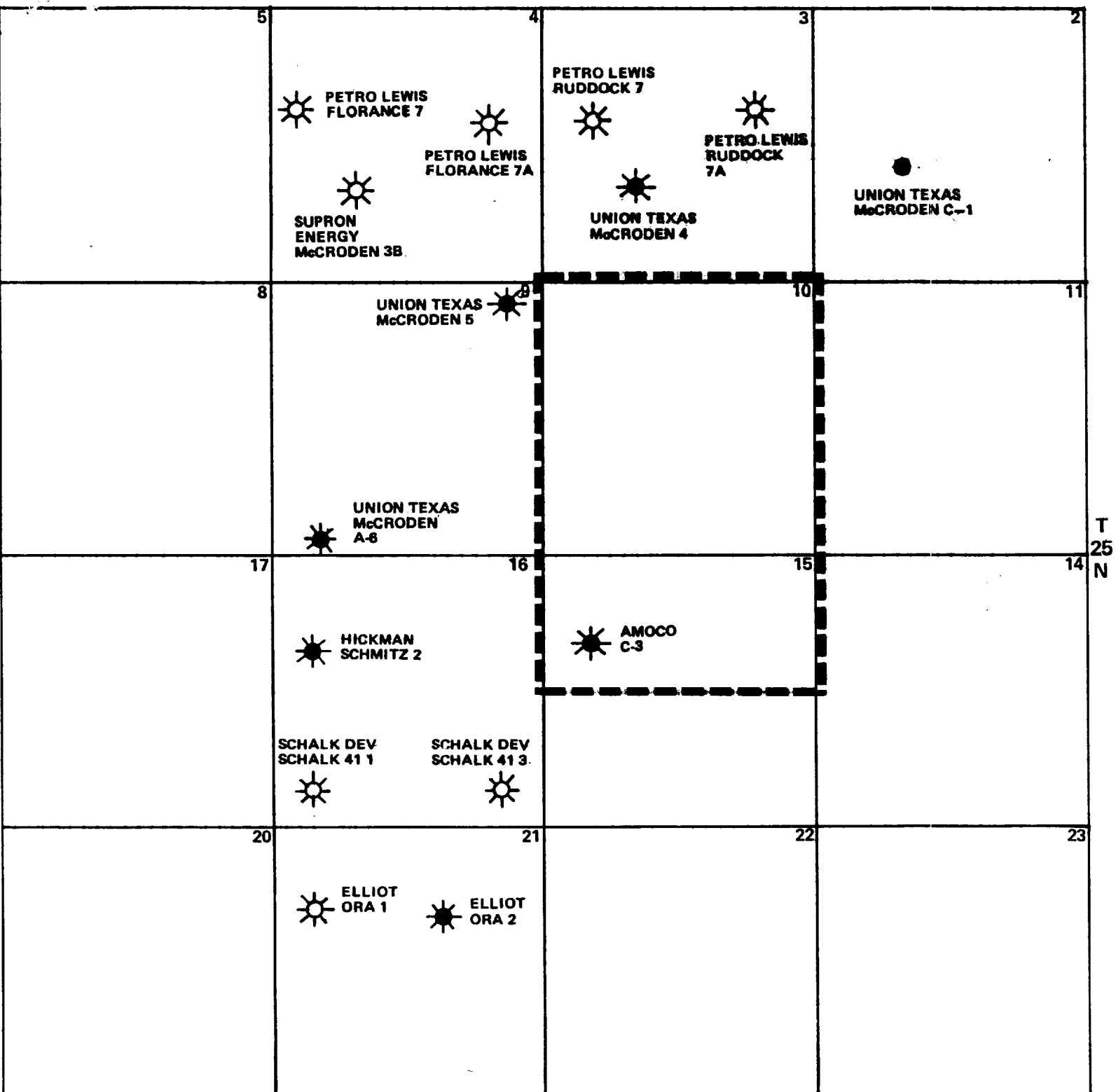


R3W



— LEGEND —



GALLUP-DAKOTA



MESAVERDE-GALLUP-DAKOTA



MESAVERDE



PROPOSED COMMINGLED AREA

AMOCO PRODUCTION COMPANY
DENVER REGION
FRED PHILLIPS LEASE
RIO ARRIBA COUNTY, NEW MEXICO

CASE NO. 8296
AUGUST 8, 1984
SCALE: 2" = 1 MILE

EXHIBIT NO. /

GL - 7332'
KB - 7345'

9-5/8" 32# H-40 CSA 320'
w/420 cu ft Class B cement
w/2% CaCl₂

DV SA 6200'

2-3/8" TSA 8172'

PBD - 8282'

TD - 8415'

5894'

Mesaverde

6120'

7130'

Gallup

7500'

7934'

Dakota

8190'

7" 23# K55 CSA 8340' in 2 stages.
#1- 240 cu ft. Class B w/50:50 POZ,
6% gel, 2# med tuf plug/sx & 0.8 FLA.
#2-830 cu ft Class B w/65:35 POZ,
6% gel, 2# med tuf plug/sx, & .8%
FLA. Tail in both stages w/118
cu ft Class B.

Case 8296
Exhibit 2

Amoco Production Company

SCALE:

FRED PHILLIPS "C" #3

DRG.
NO.

Fred Phillips C No. 3
Swab and Flow Test Results
Blanco Mesaverde Horizon

<u>Date</u>	<u>Hours Produced</u>	<u>Barrels Oil</u>	<u>Barrels Water</u>	<u>MCF</u>
05-01-84	24	15	65	0
05-02-84	15	35	45	125
05-03-84	19	18	12	104
05-04-84	12	5	27	167
05-05-84	12	6.6	6	171
05-06-84	22	9.8	18	73
05-07-84	13	13.4	43	299
05-08-84	15	2	15	104
05-09-84	10	12	12	87
05-10-84	11	4.9	7	87
05-11-84	22	5	4	166
05-12-84	24	11.6	6	113
05-13-84	20	8.3	4	201
05-14-84	21	10	7	219
05-15-84	24	6.6	2	102
05-16-84	24	6.8	5	125
05-17-84	20	6.7	5	68
05-18-84	21	14.4	4	87
05-19-84	24	2	2	72
05-20-84	24	6.7	1	57

Fred Phillips C No. 3
Swab and Flow Test Results
Ojito Gallup Horizon

<u>Date</u>	<u>Hours Produced</u>	<u>Barrels Oil</u>	<u>Barrels Water</u>	<u>MCF</u>
12-01-83	24	50	6.5	150
12-02-83	24	123	18	341
12-04-83	24	67	30	506
12-05-83	24	15	11	291
12-06-83	24	38	14	426
12-07-83	24	25	7	485
12-08-83	24	18	5	330
12-09-83	24	15	5	364
12-10-83	24	34	8	206
12-11-83	24	20	5	113
12-12-83	24	27	5	170
12-13-83	24	22	4	189
12-14-83	24	8	1	207
12-15-83	24	13	6	82
12-16-83	24	30	2	586
12-17-83	24	20	.5	202
12-18-83	24	23	1.5	216

Case 8296

Exhibit 3 B

Fred Phillips C No. 3
Swab and Flow Test Results
Dakota Horizon

<u>Date</u>	<u>Hours Produced</u>	<u>Barrels Oil</u>	<u>Barrels Water</u>
11-21-83	24	18	5
11-22-83	24	11	5
11-23-83	24	0	20
11-24-83	24	4	16
11-25-83	24	11	5
11-26-83	24	0	20
11-28-83	24	16	4
11-29-83	24	2	18
11-30-83	24	18	12
12-01-83	24	70	0
12-02-83	24	16.5	16.5
12-05-83	24	42	28
12-06-83	24	24	44
12-07-83	24	40	5
12-08-83	24	20	20
12-09-83	24	31	21
12-10-83	24	28	18
12-12-83	24	30	13
12-13-83	24	28	28
12-14-83	24	19	13
12-15-83	24	23	23
12-16-83	24	15	15
12-17-83	24	19	6
12-18-83	24	15	15

* No gas production was recorded.

Proposed Commingled Formations
Gas, Oil and Pressure Data

<u>Well Name</u> <u>Location</u>	<u>Formation</u>	<u>Oil</u> <u>Gravity</u>	<u>GOR</u> <u>SCFPB</u>	<u>BHP-PSIA</u> <u>TOP Perf</u>
Jicarilla Tribal 118A P-35-26N-3W	Gallup Dakota	42° 45°	1,151 9,500	1,996 3,665
Fred Phillips C-3 E-15-25N-3W	Mesaverde Gallup Dakota	55° (est) 41° 41°	18,380 10,100 0	1,415 1,795 2,784