

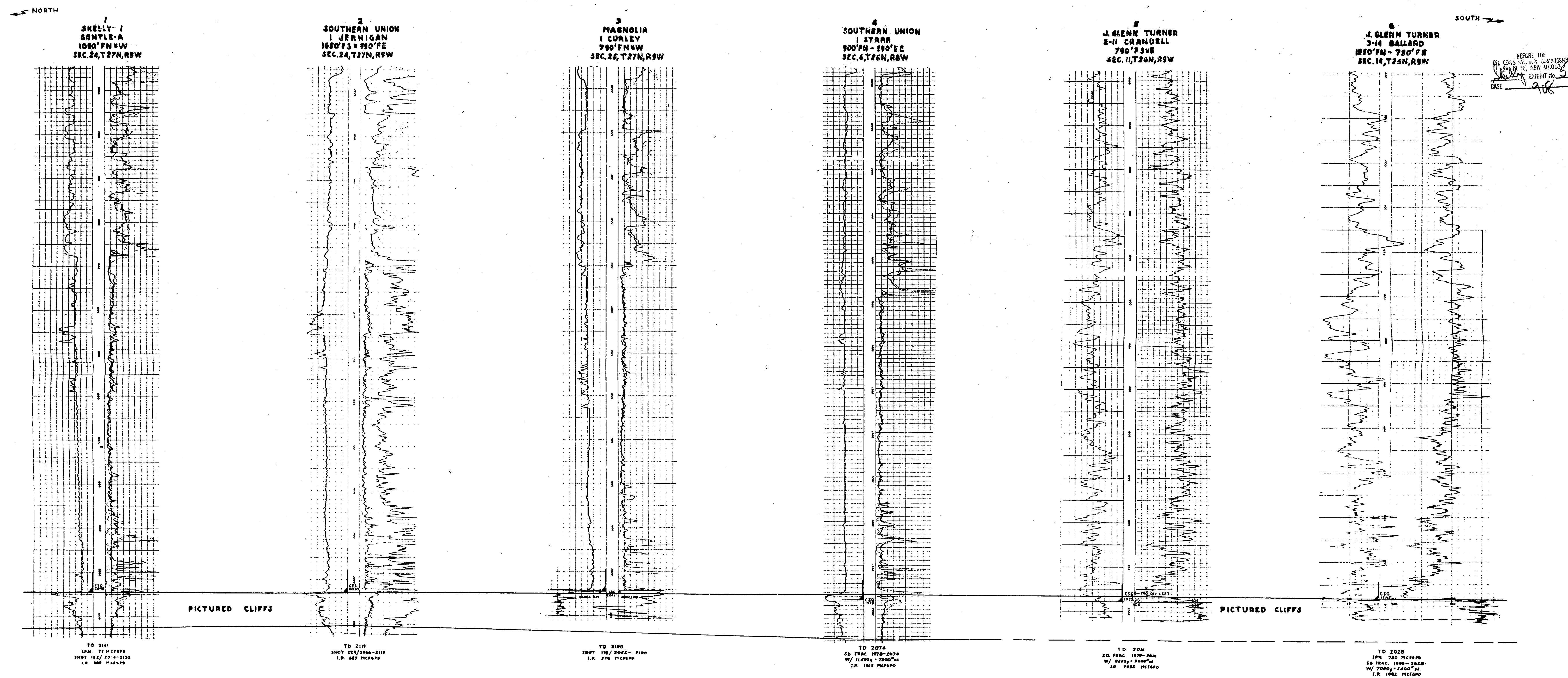
Case No.
908

Large Exhibit

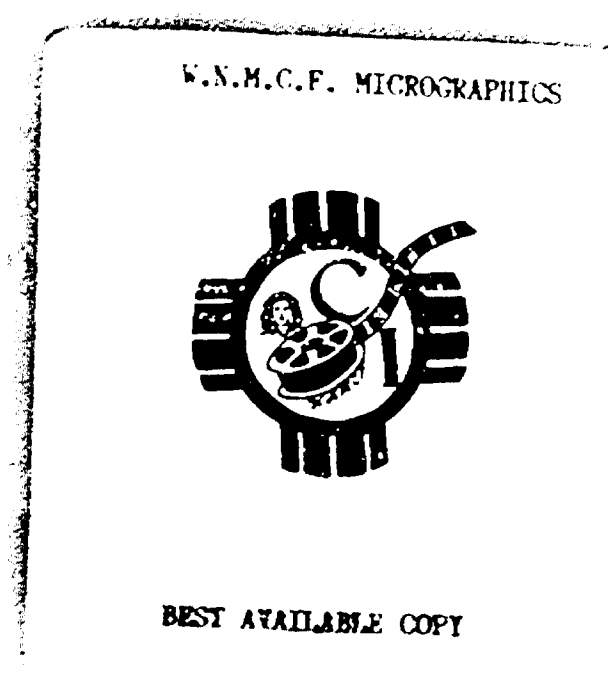
V.V.M.C.P. MICROGRAPHICS

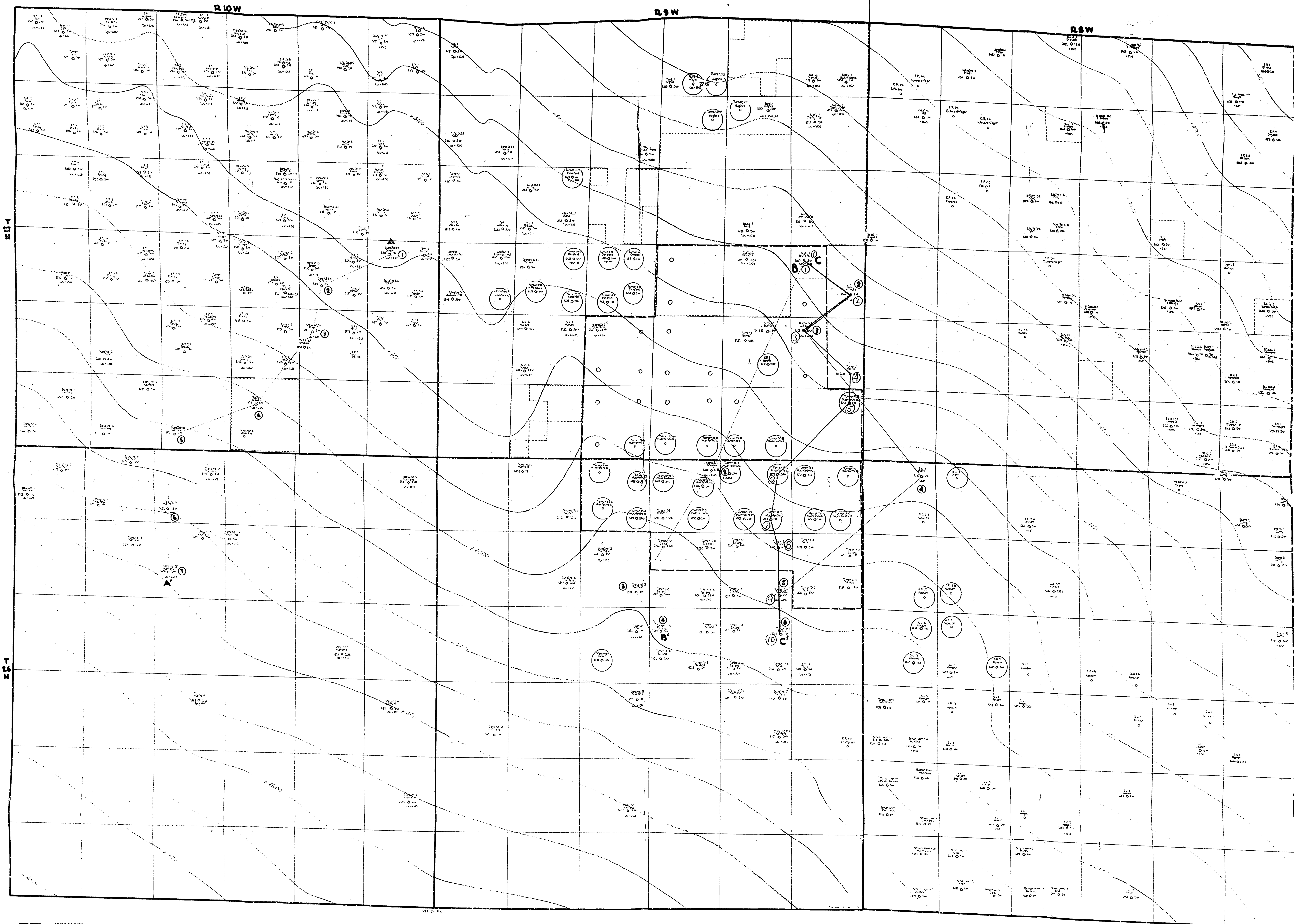


BEST AVAILABLE COPY



SKELLY OIL COMPANY
CROSS SECTION C-C'
SAN JUAN COUNTY, NEW MEXICO
MAY 11, 1921 J. CLAUDE





— HUERFANO UNIT OUTLINE
 - - - SKELLY ACREAGE OUTLINE
 ○ PROPOSED LOCATIONS
 — LINE OF CROSS SECTION

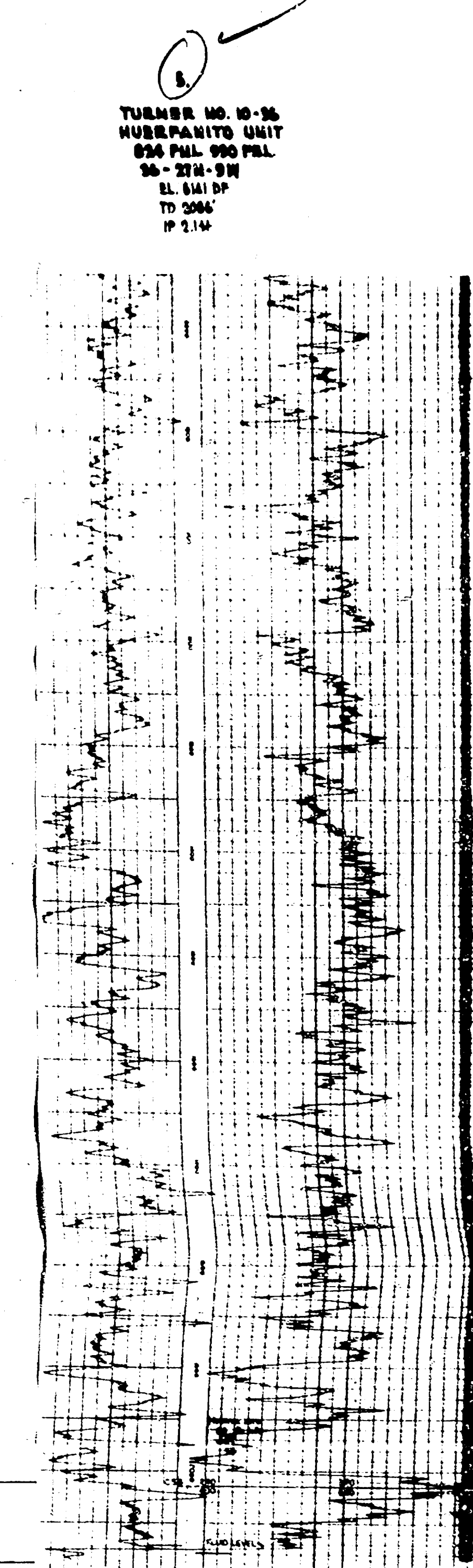
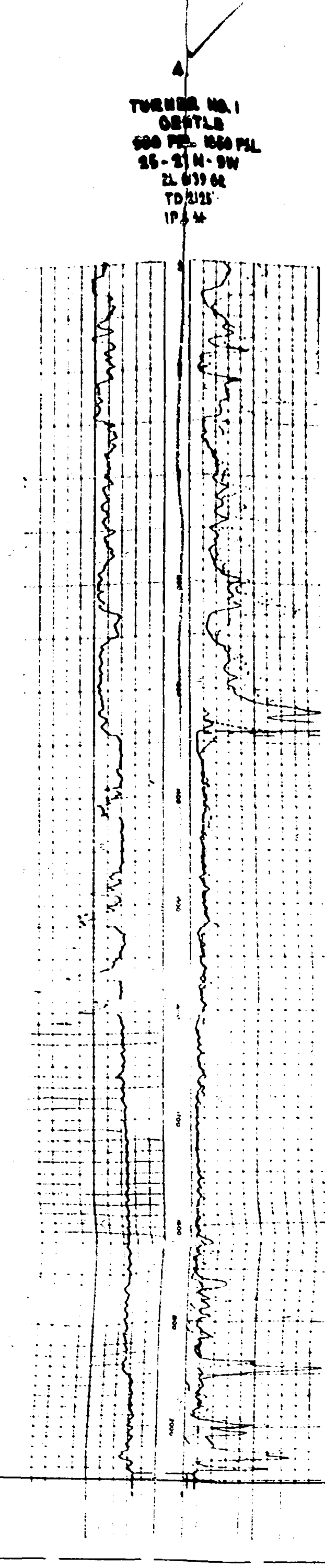
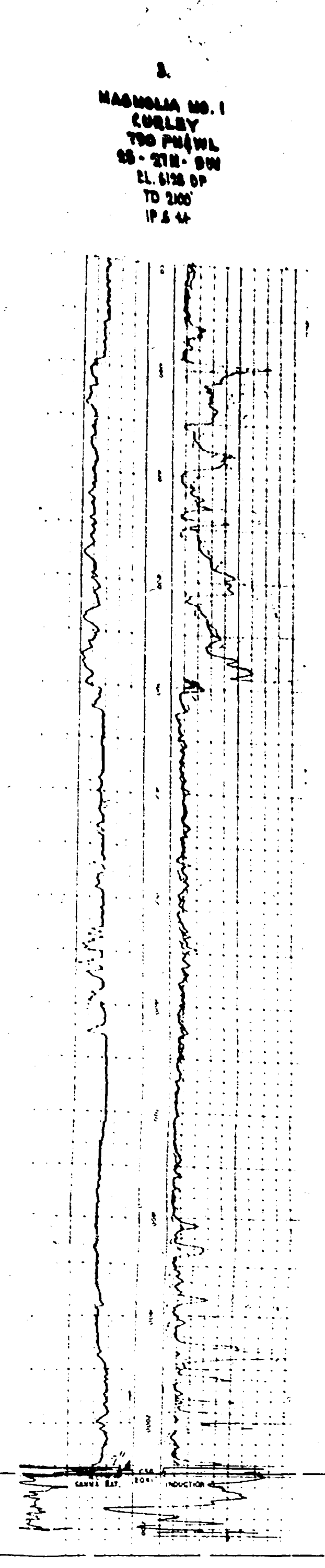
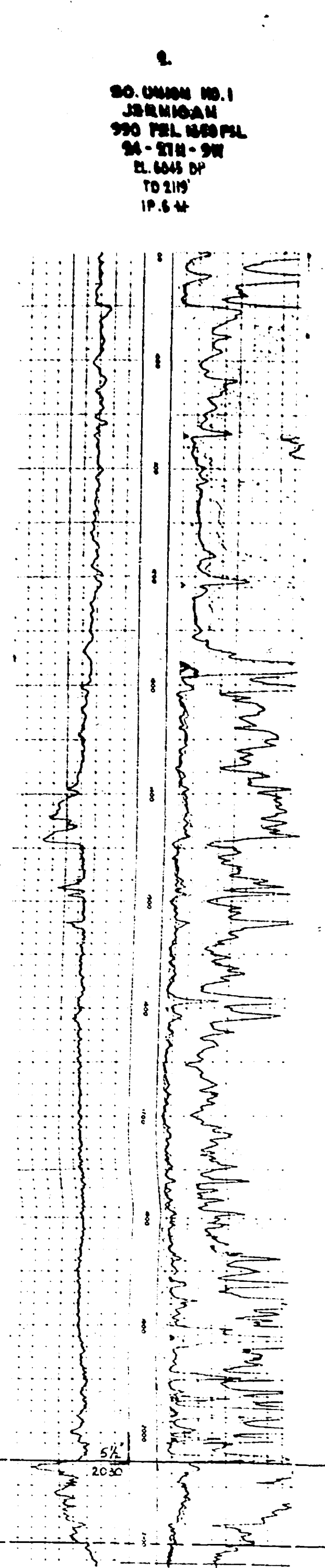
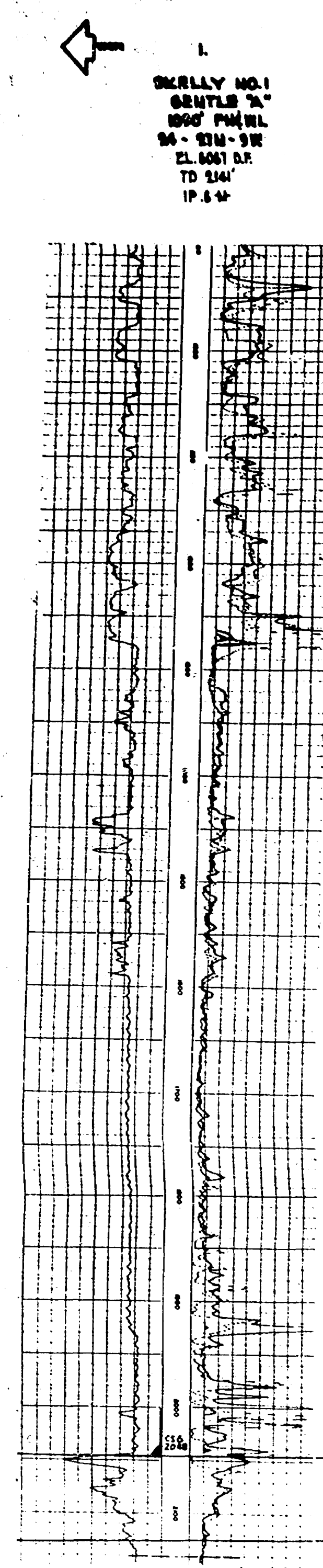
CONTOUR TOP OF PICTURED CLIFFS FORMATION
 CONTOUR INTERVAL 50 FEET

SKELLY OIL COMPANY
 HUERFANO UNIT AREA
 SAN JUAN COUNTY, NEW MEXICO

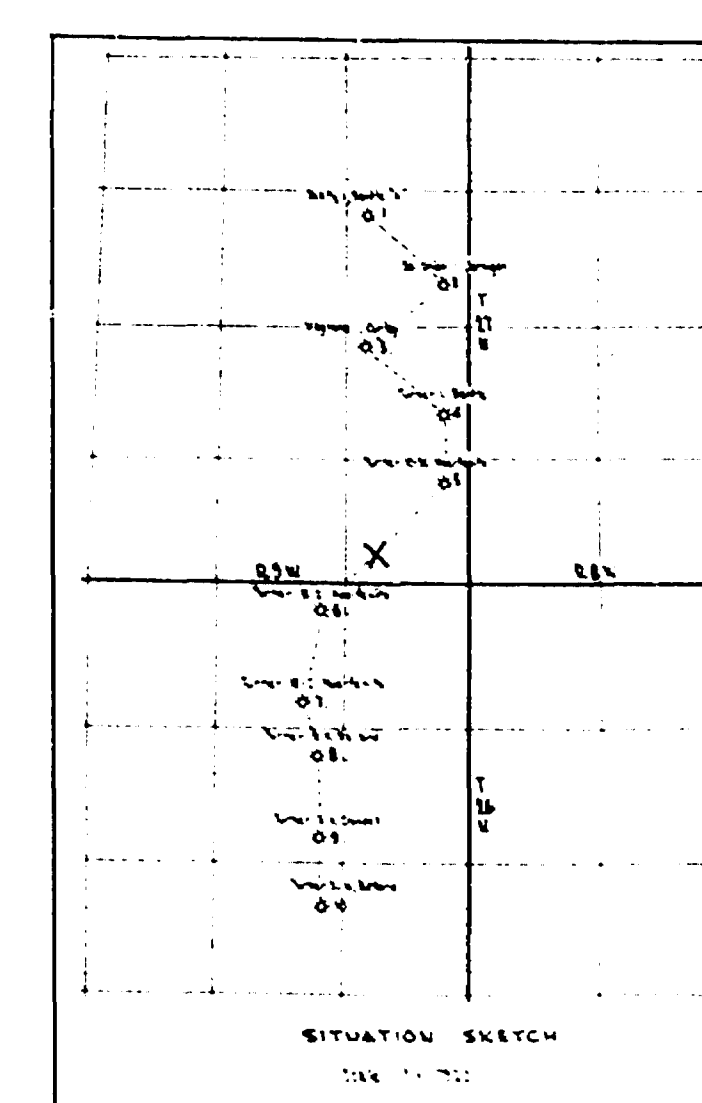
ENCLOSURE B



BEST AVAILABLE COPY



BEFORE THE
OIL COMMISSION
SANTA FE, NEW MEXICO
In the case of
GAS



SECOND HALF
SKelly Oil Co.
Case No. 908



X

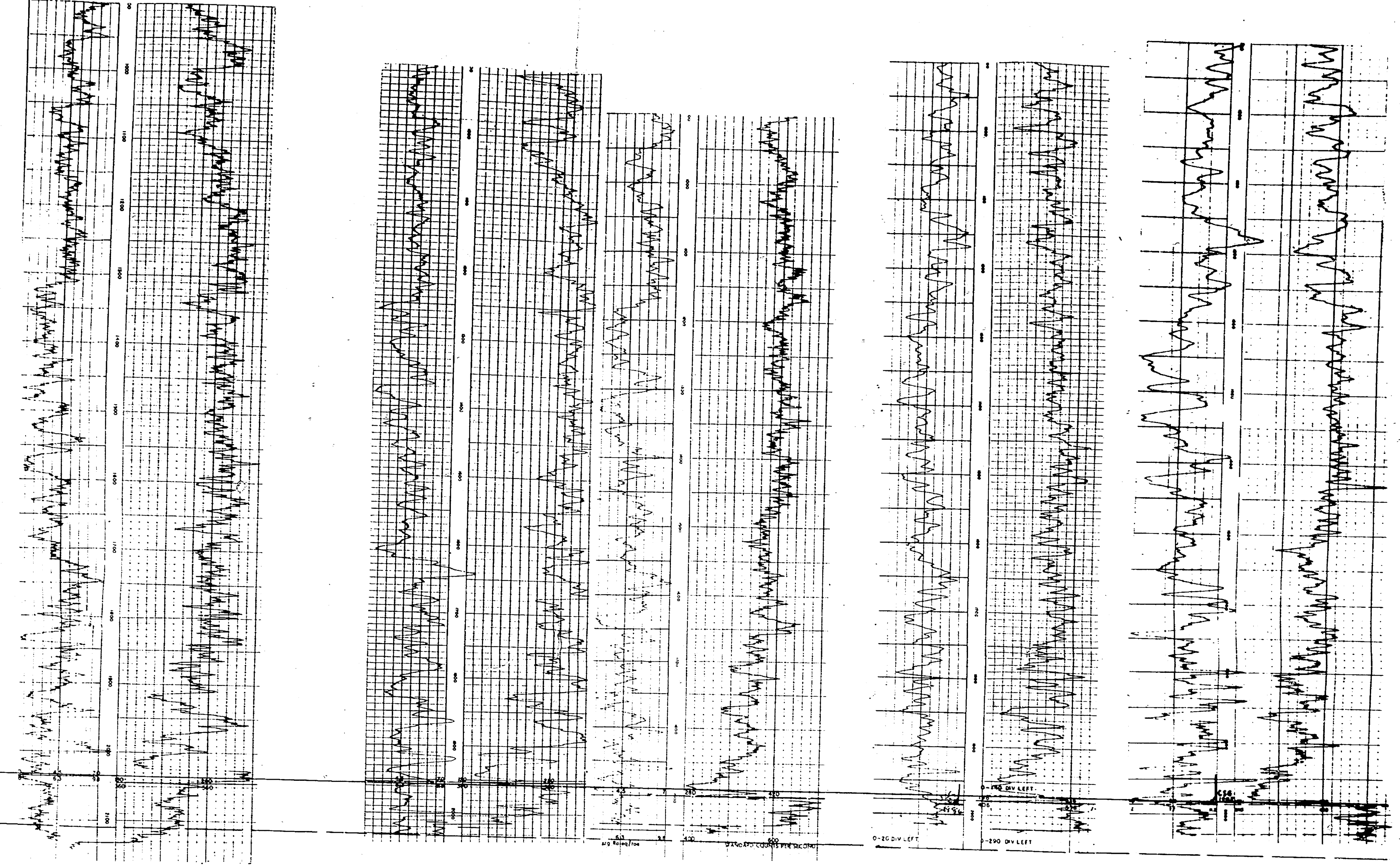
6.
TURNER NO. 5-1
HUERFANITO UNIT
900 PUL. 900 PUL.
S- 25N- 2W
E. 125N 0°
TO 215°
IP 2.4 M

7.
TURNER NO. 10-2
HUERFANITO UNIT
1500 PUL. 900 PUL.
S- 25N- 2W
E. 125N 0°
TO 215°
IP 2.4 M

8.
TURNER NO. 1-1
SALLARD
900 PUL. 900 PUL.
N- 25N- 2W
E. 125N 0°
TO 215°
IP 2.4 M

9.
TURNER NO. 2-1
CRANDELL
700 PUL. 700 PUL.
N- 25N- 2W
E. 125N 0°
TO 215°
IP 2.4 M

10.
TURNER NO. 5-1A
SALLARD
1000 PUL. 700 PUL.
N- 25N- 2W
E. 125N 0°
TO 215°
IP 2.4 M



SKELLY OIL COMPANY
ALBUQUERQUE DISTRICT OFFICE

ELECTRIC LOG CROSS SECTION
HUERFANITO AREA
SAN JUAN COUNTY, NEW MEXICO

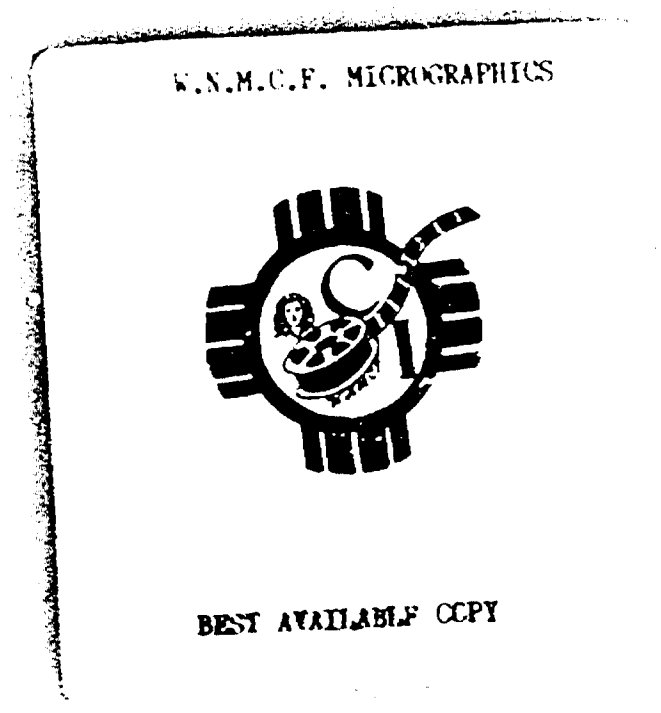
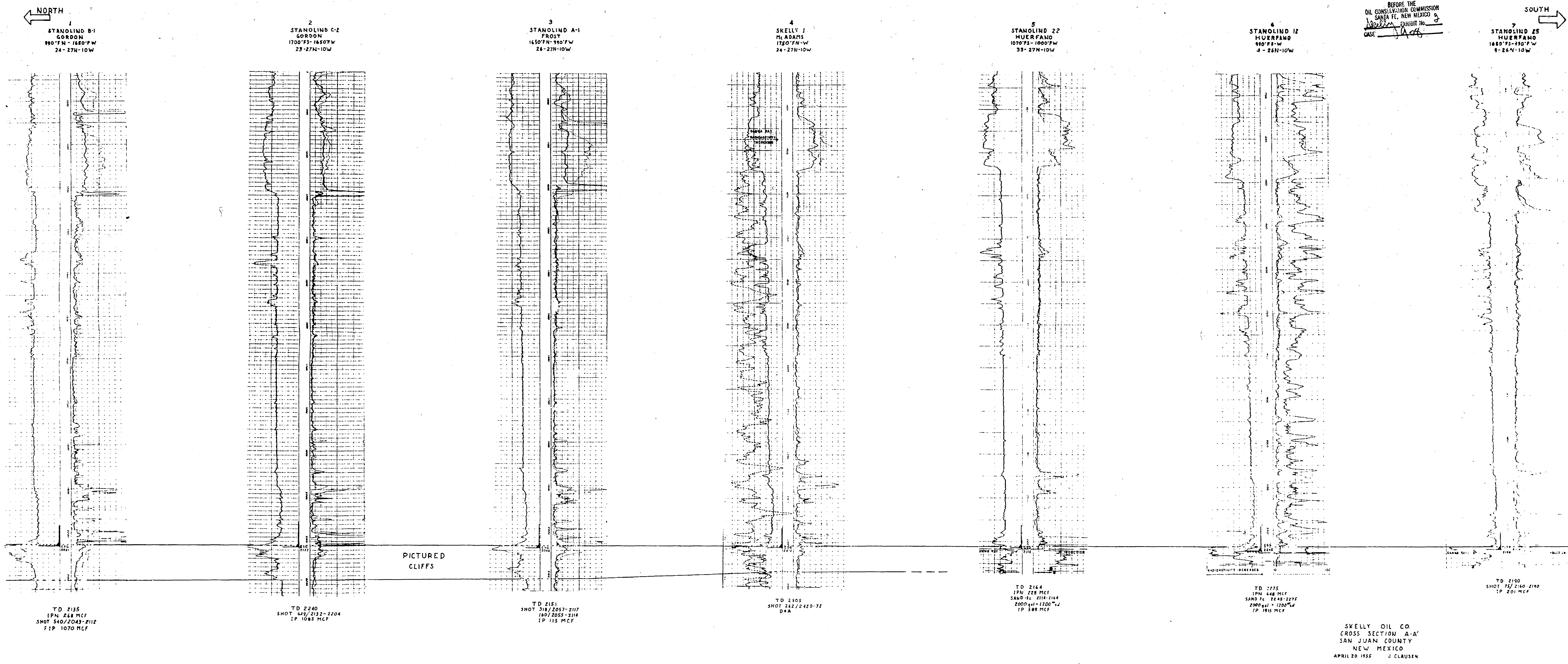
DATUM - TOP OF PICTURED CLIPPS SANDSTONE
SCALE 8 INCHES TO 1 MILE
OTHER 1. 1951 C. 1. 1951

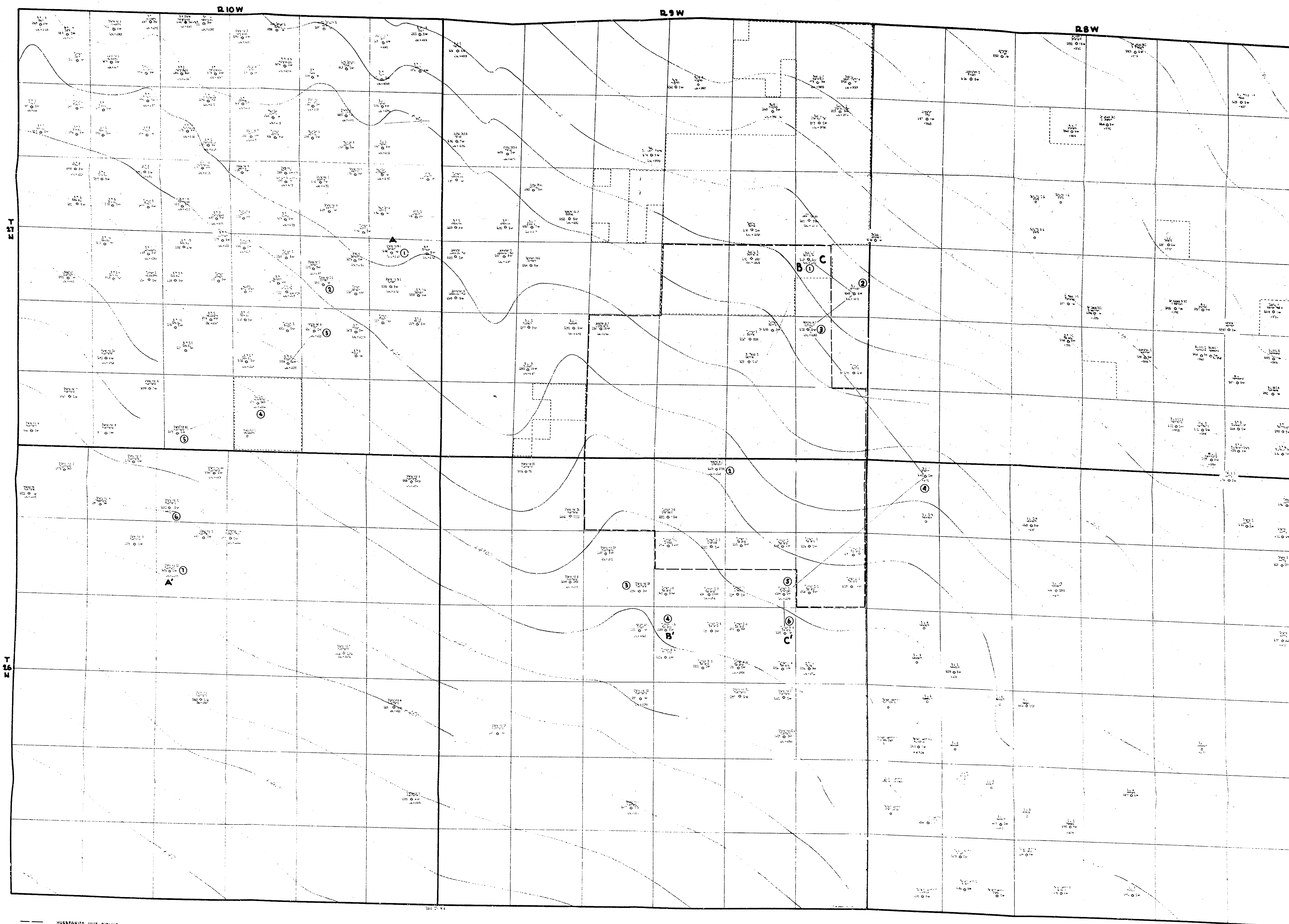
Second Half
Skelly Oil Co.
Case No. 908

W.C. & F. MICROGRAPHS



BEST AVAILABLE COPY



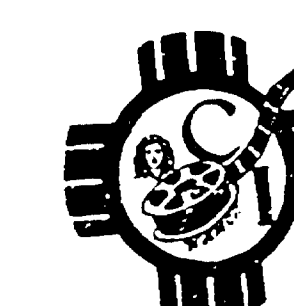


— HUERFANO UNIT OUTCROP
 - - - - - SKELLY ACREAGE OUTCROP

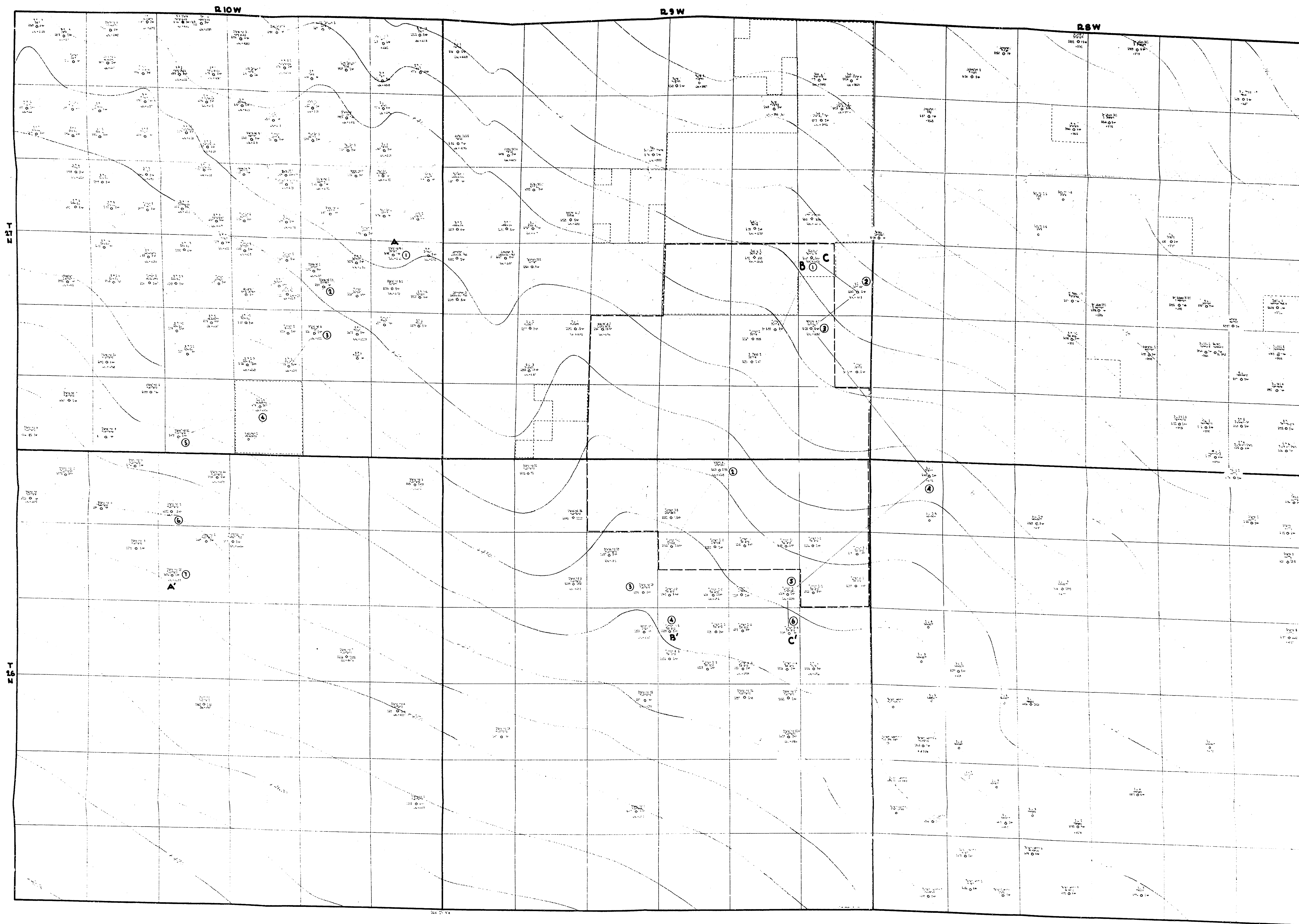
CONTOUR: TOP OF PICTURED CLIPPER FORMATION
 CONTOUR: INTERVAL 50 FEET

SKELLY OIL COMPANY
 HUERFANO UNIT AREA
 SAN JUAN COUNTY, NEW MEXICO

V.A.M.C.F. MICROGRAPHICS



BEST AVAILABLE COPY



— HUERFANO UNIT OUTLINE
- - - - - SHELLEY ACETATE OUTLINE

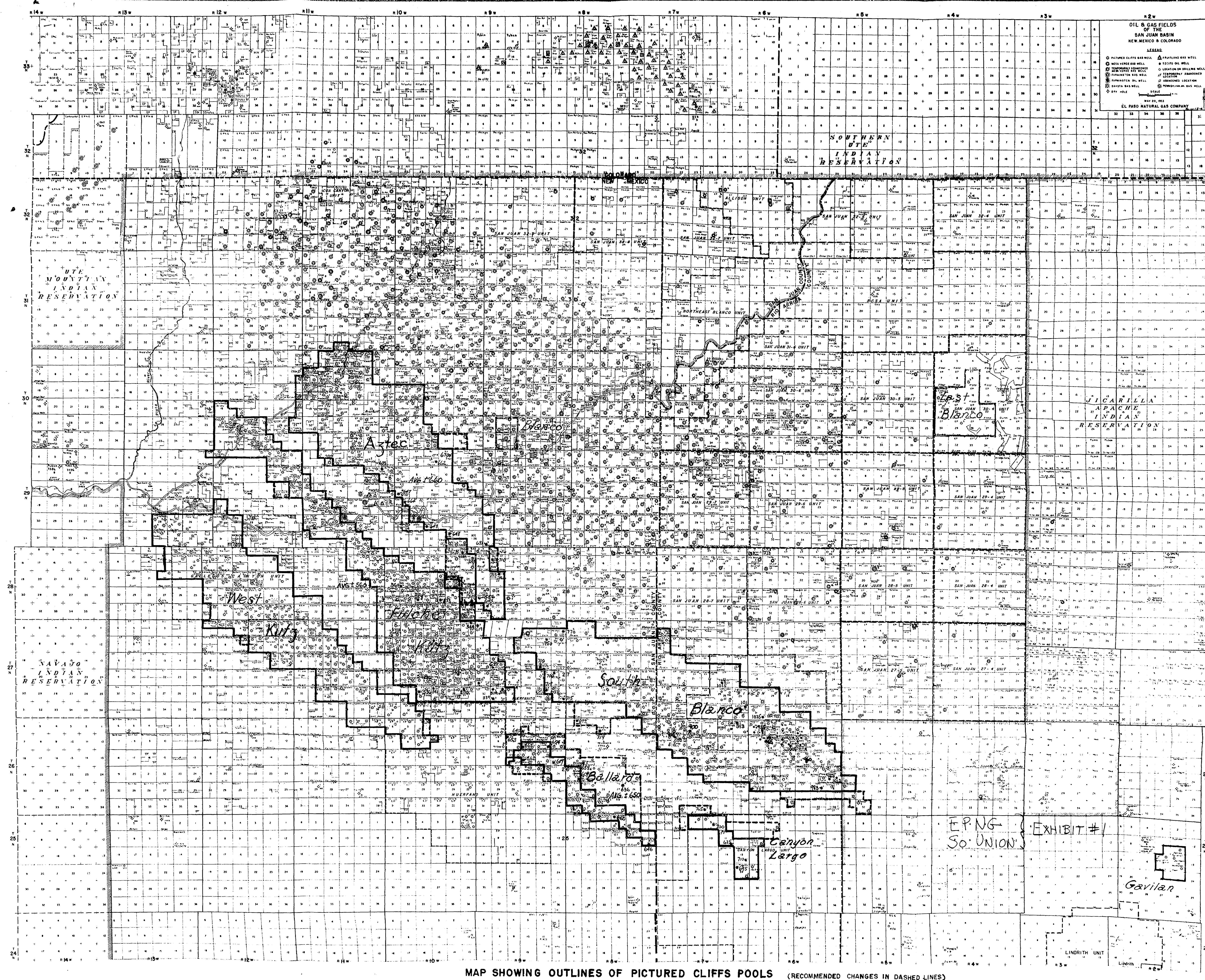
CONTOUR TOP OF PICTURED CLIFFS FORMATION
CONTOUR INTERVAL 50 FEET

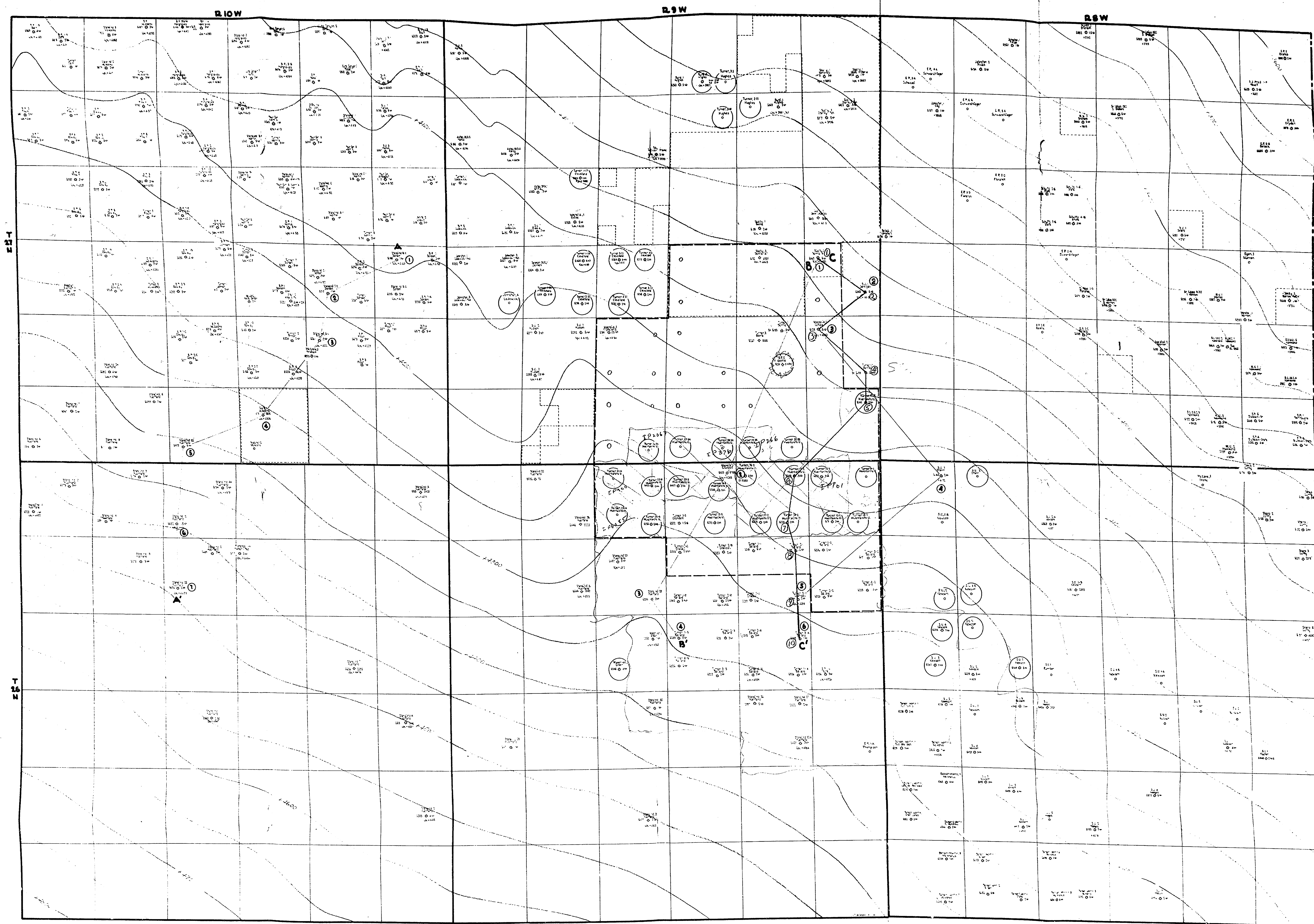
SKELLY OIL COMPANY
HUERFANO UNIT AREA
SAN JUAN COUNTY, NEW MEXICO

U.S.G.P. MICROPHOTICS



BEST AVAILABLE COPY





——— HUERFANO UNIT OUTLINE
 - - - - - SHELLEY ACRES OUTLINE
 O PROPOSED LOCATIONS
 — LINE OF CROSS SECTION

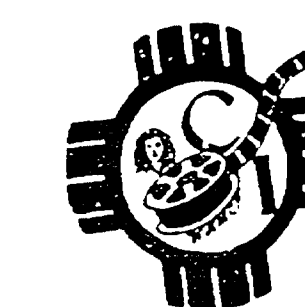
———— OUTLINE TOP OF PICTURED CLIPPS FORMATION
 ———— OUTLINE INTERVAL 50 FEET

SHELLEY OIL COMPANY
 HUERFANO UNIT AREA
 SAN JUAN COUNTY, NEW MEXICO

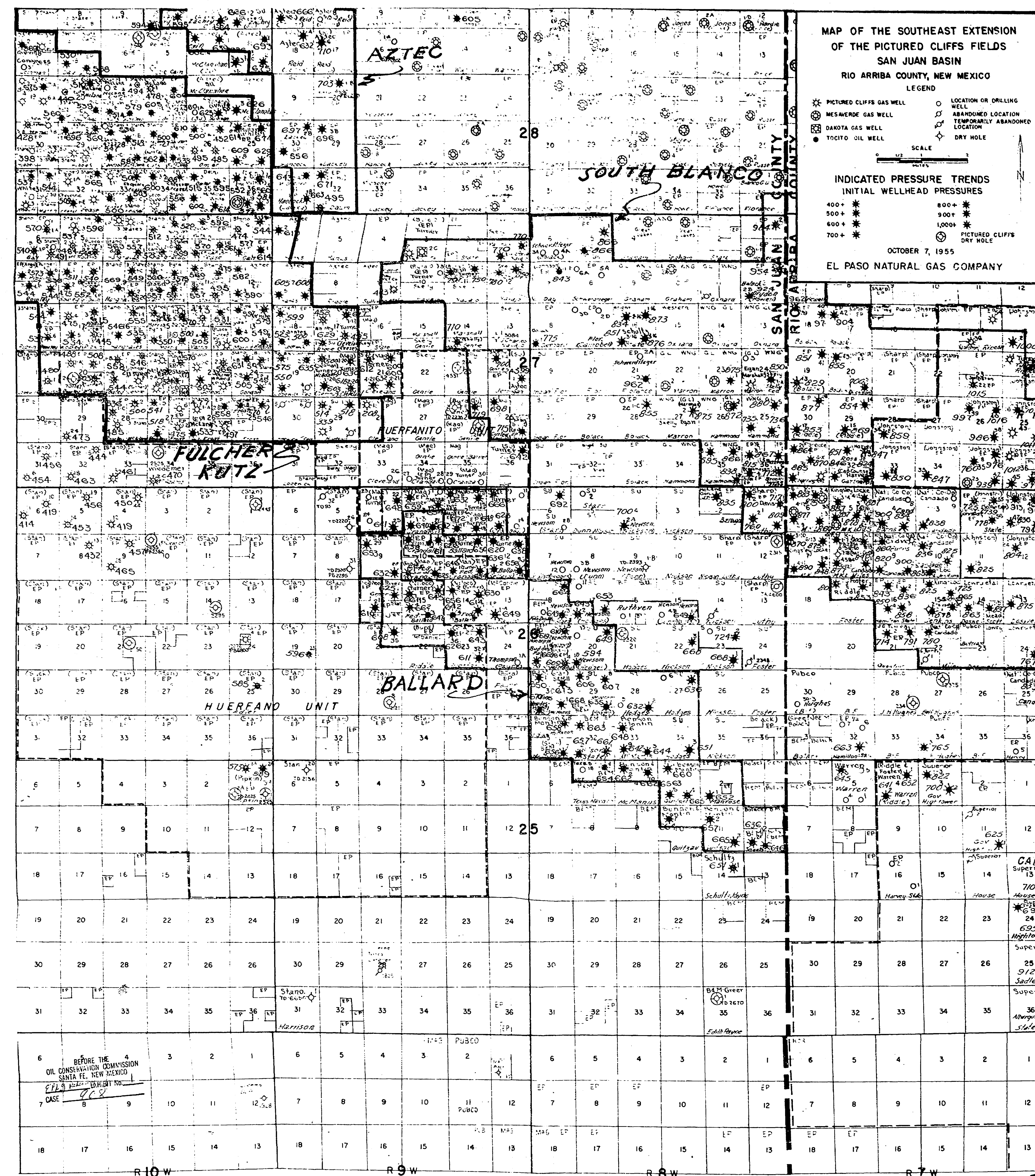
BEFORE THE
 OIL CONSERVATION COMMISSION
 SANTA FE, NEW MEXICO
 Exhibit No. _____
 CASE _____

ENCLOSURE B

S.A.M.C.F. MICROFILMS



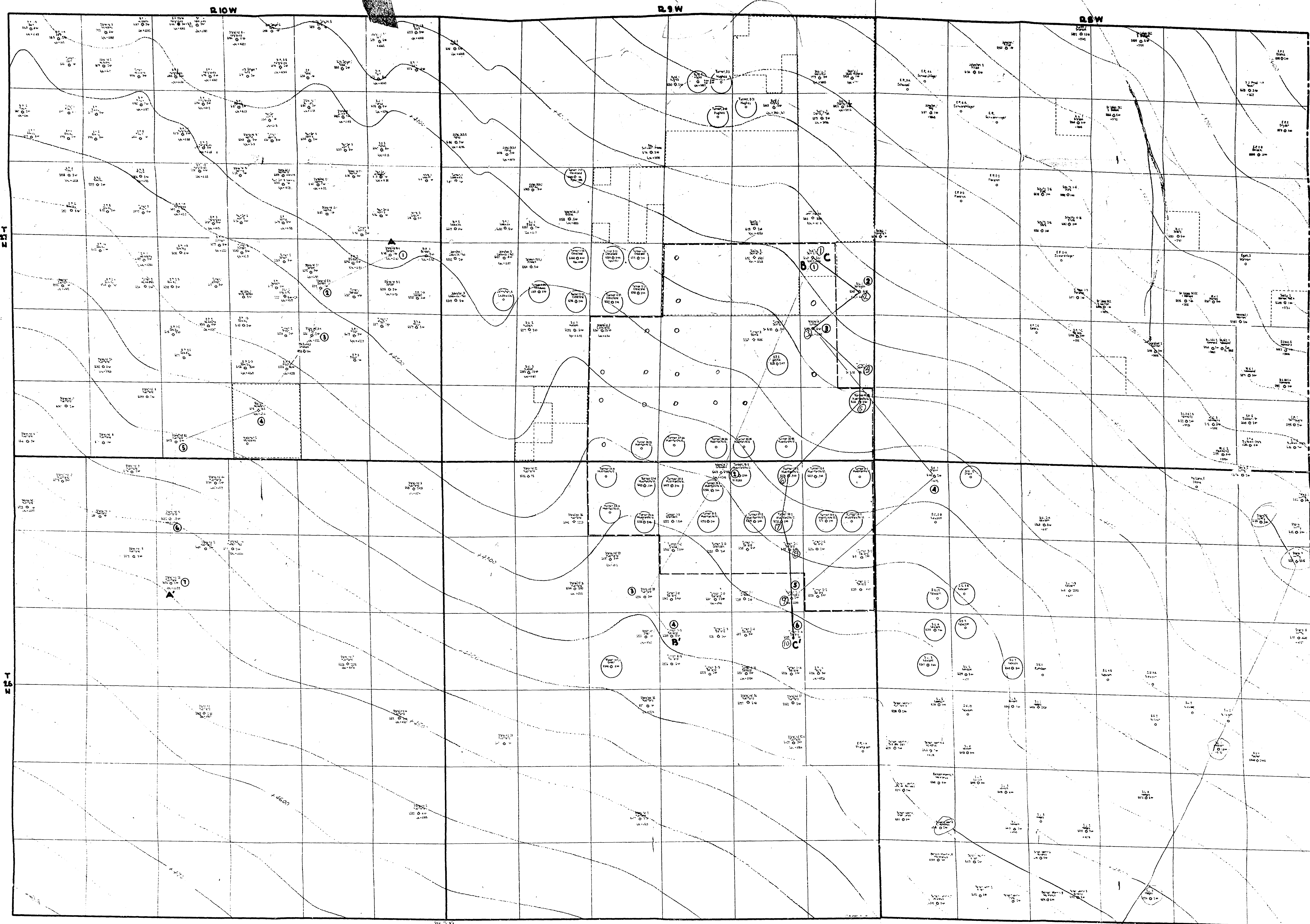
BEST AVAILABLE COPY



V.A.R.C.F. MICROGRAPHS



BEST AVAILABLE COPY



——— HUERFANO UNIT OUTLINE
 - - - - - SKELLY ACREAGE OUTLINE
 ○ PROPOSED LOCATIONS
 — LINE OF CROSS SECTION

(OUTLINE) TOP OF PICTURED CLIPPER FORMATION
 (OUTLINE) INTERVAL 50 FEET

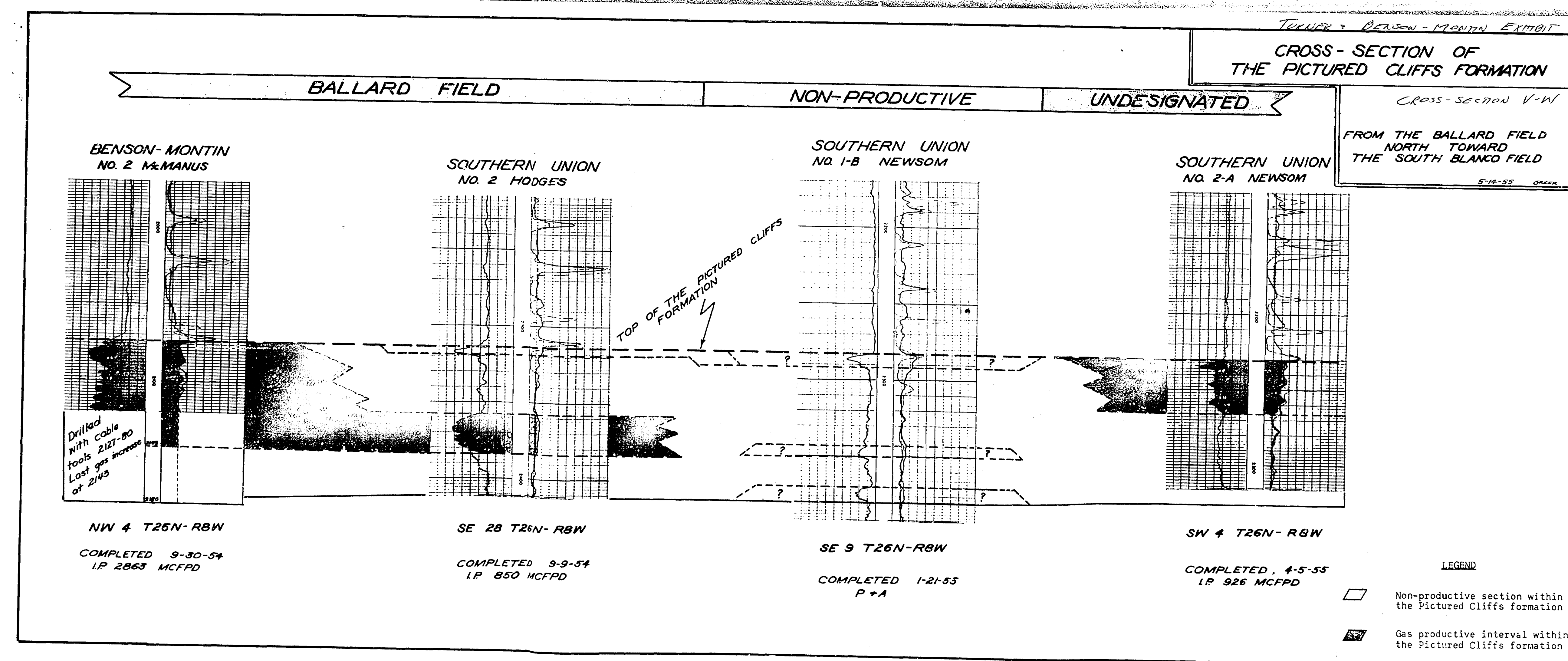
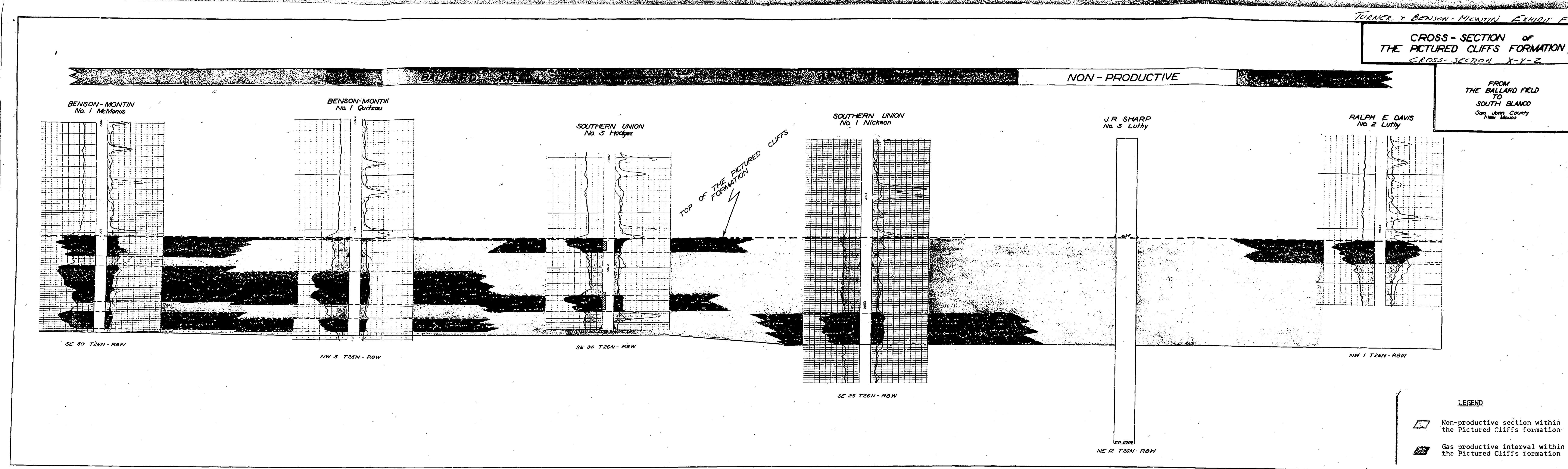
SKELLY OIL COMPANY
 HUERFANO UNIT AREA
 SAN JUAN COUNTY, NEW MEXICO

ENCLOSURE B

U.S.N.C.F. MICROGRAPHICS



BEST AVAILABLE COPY



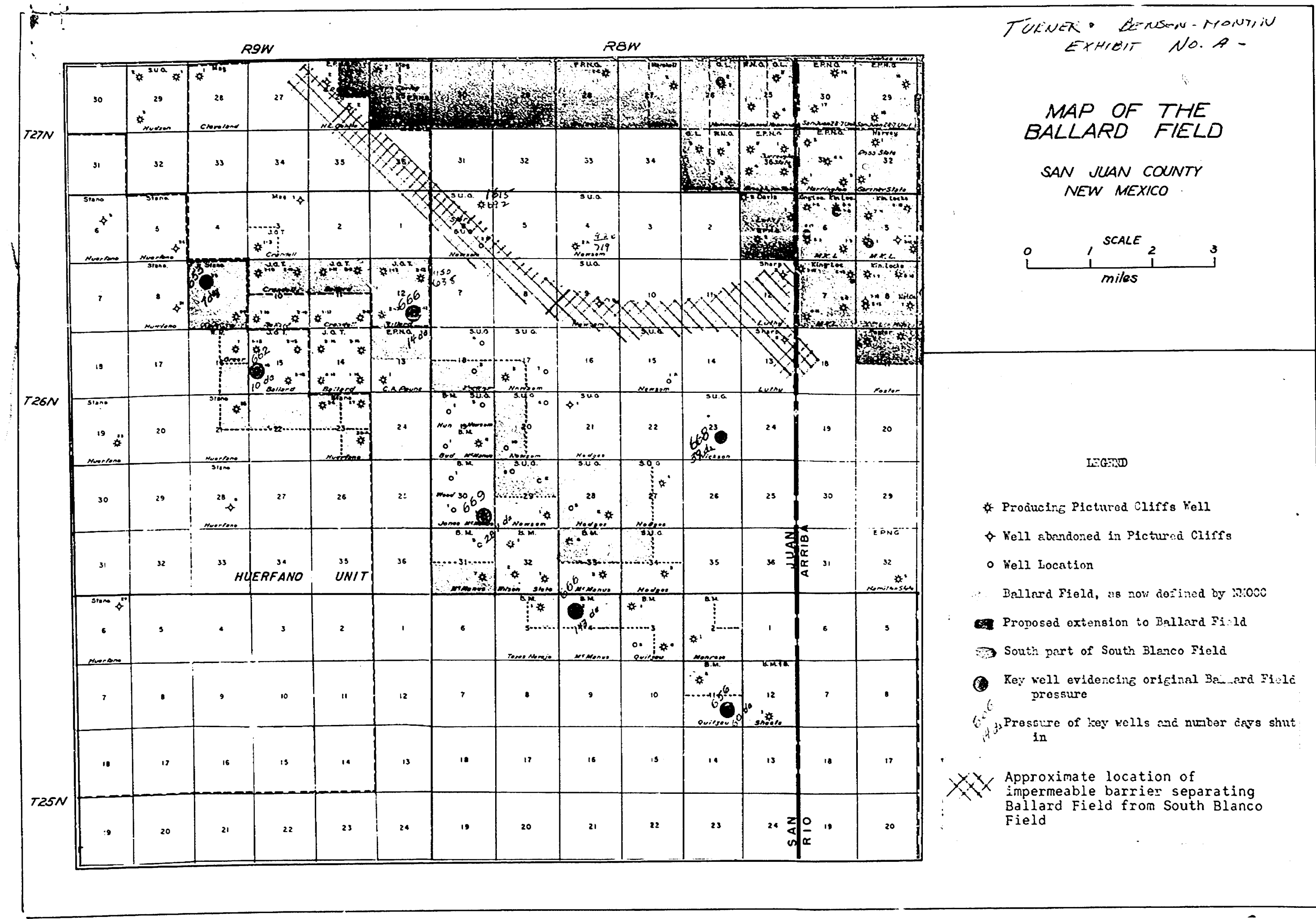
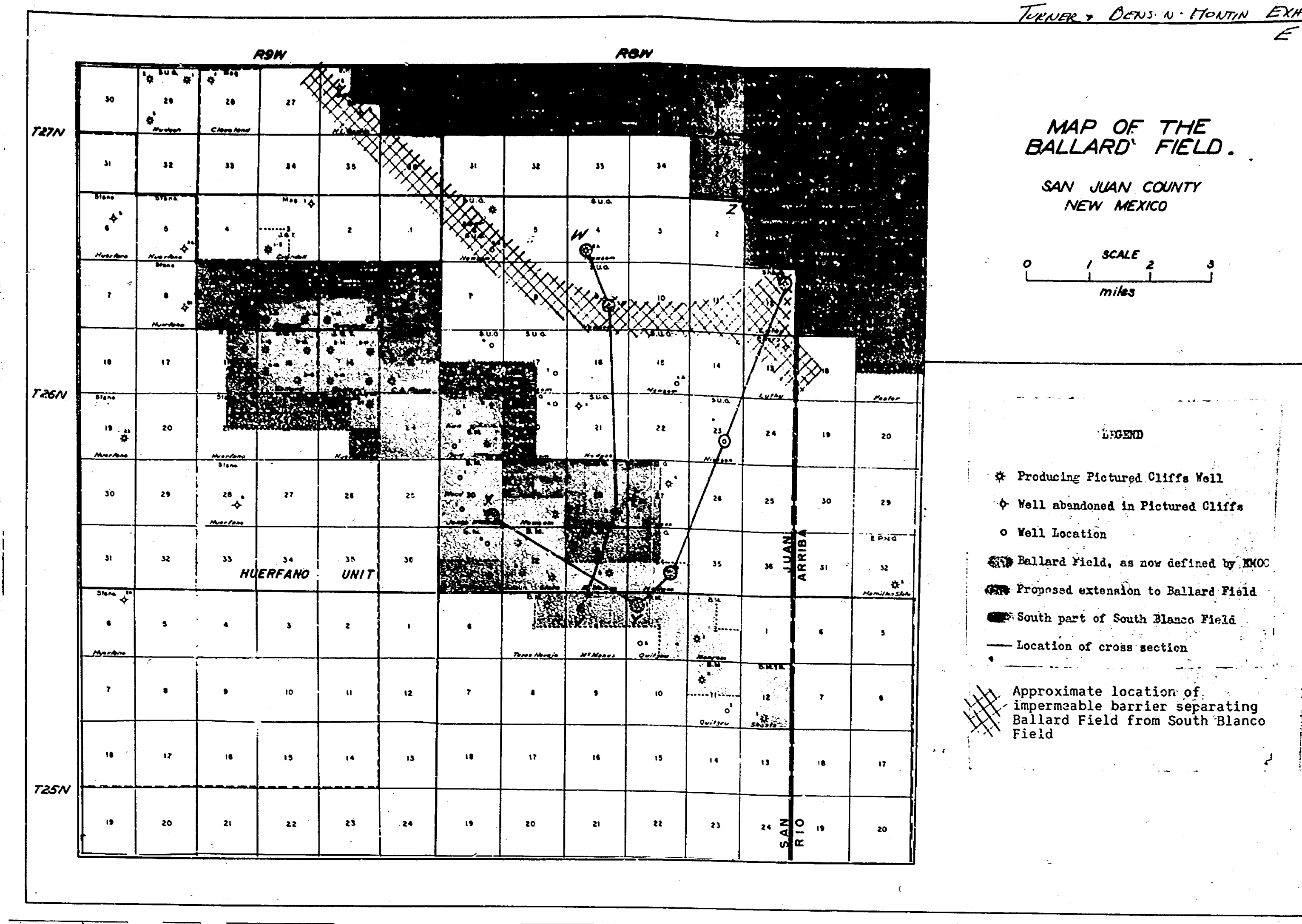
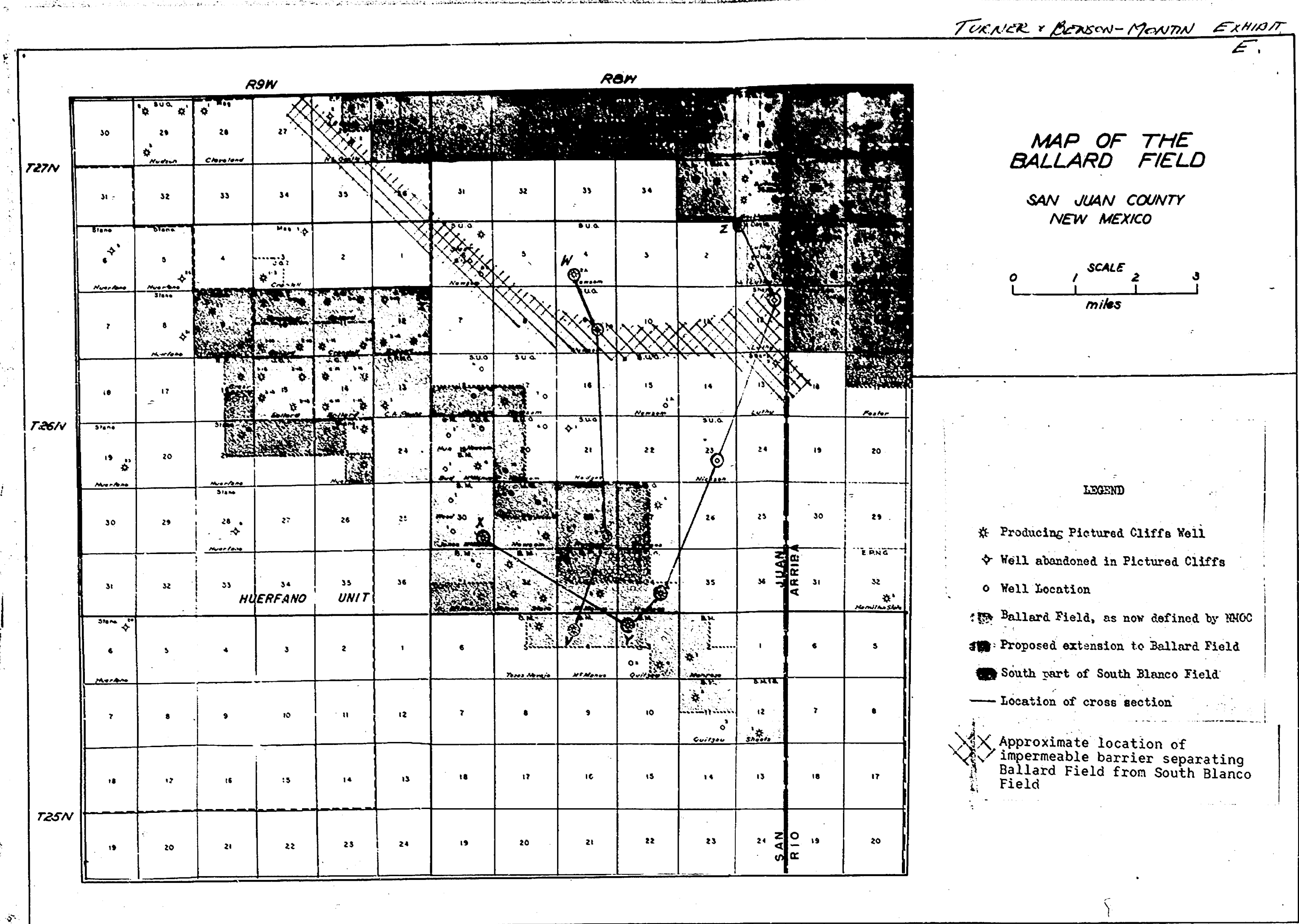


EXHIBIT B
Compiled 5-10-55
Page 1

BALLARD PICTURED CLIFFS FIELD
SAN JUAN COUNTY, NEW MEXICO
INITIAL WELL POTENTIALS AND SHUT-IN PRESSURES
 (Area covered by wells listed in this exhibit is the field as now defined
 by the New Mexico Oil Conservation Commission and extensions currently
 proposed by the Commission)

OPERATOR AND WELL	COMP. DATE	DATA FROM POTENTIAL TEST		DATE	TIME SHUT IN FROM COMP. (Days)
		I.P. MCF/DAY	SHUT-IN PRESSURE psig		
J. Glenn Turner					
#1-3 Crandell	12-30-54	1505	640	1-12-55	7
#1-10 Ballard	6- 4-54	3445	655	6- 9-54	6
#2-10 Ballard	7- 3-54	2505	625	8- 4-54	9
#1-10 Crandell	11-24-54	2656	638	12- 4-54	9
#2-10 Crandell	11-30-54	2174	611	12- 8-54	7
#1-11 Ballard	12-13-54	615	626	12-15-54	13
#2-11 Ballard	12-30-54	582	650	1- 5-55	13
#1-11 Crandell	7-31-54	2148	645	8- 4-54	11
#2-11 Crandell	7-31-54	2085	654	8- 4-54	16
#1-12 Ballard	12-31-54	2148	620	12-15-54	7
#2-12 Ballard	12-30-54	789	636	1- 5-55	18
#3-12 Ballard	1-11-55	1150	638	1-19-55	7
#4-12 Ballard	1-11-55	1443	666	1-19-55	14
#1-14 Ballard	5-23-54	2143	614	6- 2-54	11
#2-14 Ballard	8-18-54	2774	656	8-25-54	11
#3-14 Ballard	6- 9-54	1082	630	6-16-54	7
#4-14 Ballard	8-19-54	2371	642	8-25-54	14

ADDITIONAL SHUT-IN PRESSURES APRIL & MAY, 1955	
DATE	SHUT-IN PRESSURE psig

ALBERT R. GREER

EXHIBIT B
Compiled 5-10-55
Page 2

OPERATOR AND WELL	COMP. DATE	DATA FROM POTENTIAL TEST			ADDITIONAL SHUT-IN PRESSURES APRIL & MAY, 1955		
		I.P. MCF/DAY	SHUT-IN PRESSURE psig	TIME SHUT IN FROM COMP. (Days)	DATE	SHUT-IN PRESSURE psig	TIME SHUT IN FROM POTENTIAL (Days)
J. Glenn Turner (Continued)							
#1-15 Ballard	5-14-54	816	661	5-26-54	7		
#2-15 Ballard	8- 6-54	2640	645	8-25-54	18		
#3-15 Ballard	8-18-54	2039	647	8-25-54	7		
#4-15 Ballard	6- 1-54	565	662	6- 9-54	10		
Ransom & Montin							
#1 Monroe	11- 1-54	913	652	11-17-54	16		
#1 McManus	4-24-54	2010	668	6-30-54	87	4-10-55	669 284
#2 McManus	9-30-54	2863	662	11-17-54	48	4- 9-55	666 143
#3 McManus	10-13-54	476	544	11-17-54	35	4- 9-55	639 143
#4 McManus	10-16-54	726	605	11-17-54	32	4-10-55	612 126
#6 McManus	11-18-54	270	648	2-27-55	102	4-10-55	649 42
#7 McManus	1-13-55	880	656	2-27-55	40	4-10-55	656 42
#8 McManus	3-23-55	Not tested			4-10-55	658	18
#1 Quitrau	4-30-54	1175	660	6-30-54	61	4- 9-55	663 283
#2 Quitrau	12- 6-54	5100	657	2-27-55	83		
#4 Quitrau	11-27-54	5996	665	2-27-55	92		
#1 Sheets	6-13-54	1055	646	6-30-54	17		
#1 State	10-24-54	2416	661	11-17-54	24	4- 9-55	665 143
#1 Texas Navajo	8- 3-54	1980	654	8-16-54	13	4- 9-55	664 236

ALBERT R. GREER

EXHIBIT B
Compiled 5-10-55
Page 3

DATA FROM POTENTIAL TEST					ADDITIONAL SHUT-IN PRESSURES APRIL & MAY, 1955		
OPERATOR AND WELL	COMP. DATE	I.P. MCF/DAY	SHUT IN PRESSURE psig	DATE	TIME SHUT IN FROM COMP. (Days)	SHUT-IN PRESSURE psig	TIME SHUT IN FROM POTENTIAL (Days)
<u>Ransom & Montin</u> (Continued)							
#1 Wilson	7-29-54	2030	663	8-16-54	18	4-10-55	668 237
#2 Wilson	1- 8-55	5638	657	2-27-55	51	4-10-55	657 42
#1 Whan Jones	4- 7-55		Not tested			4-10-55	640 3
						5- 8-55	668 31
#1 Naw-di-des-wood	3-28-55		Not tested			4-10-55	648 13
						5- 8-55	653 41
#1 Bud-dos-pah	4- 3-55		Not tested			4-10-55	651 7
						5- 8-55	666 35
<u>Southern Union</u>							
#2 Newsom	12-10-54	4733	643	1-12-55	23	4-15-55	659 83
#2 Hodges	9- 9-54	850	632	9-22-54	13	4-15-55	626 **
#1 Newsom	9- 1-54	1713	635	9- 8-54	10	4-15-55	656 221
#3 Hodges	12-21-54	176	651	1-12-55	25	4-15-55	648 **
						5- 3-55	651 **
<u>Woodrider</u>							
#1 Greer	12- 4-54	1120	625	12-16-53	12		
<u>El Paso Natural Gas Co.</u>							
#1-A Payne	1-29-54	2836	649	5-26-54	5		

** Flowed intermittently since completion

ALBERT R. GREER

EXHIBIT B
Compiled 5-10-55
Page 4

OPERATOR AND WELL	COMP. DATE	I. P. MCF/DAY	DATA FROM POTENTIAL TEST			ADDITIONAL SHUT-IN PRESSURES APRIL & MAY, 1955		
			SHUT-IN PRESSURE psig	DATE	TIME SHUT IN FROM COMP. (Days)	DATE	SHUT-IN PRESSURE psig	TIME SHUT FROM POTENTIAL (Days)
<u>Stanford Oil & Gas Co.</u>								
#27 Huerfano Unit	9-15-54	1808	643	9-22-54	8			
#28 Huerfano Unit	9-29-54	3300	632	10- 6-54	7			
#29 Huerfano Unit	10-13-54	264	653	10-20-54	7			
#32-A Huerfano Unit	1- 4-55	3060	611	1-12-55	7			
#35 Huerfano Unit	12-24-54	1115	608	1- 5-55	7			
#36 Huerfano Unit	12-15-54	4983	626	12-21-54	7			

ALBERT R. GREER



Exhibit C
Compiled 5-10-55

BALLAND PICTURED CLIFFS FIELD
SAN JUAN COUNTY, NEW MEXICO
INITIAL WELL POTENTIALS AND INITIAL SHUT-IN PRESSURES
(The area covered by wells listed in this Exhibit is the southwest part of the field as now defined by the New Mexico Oil Conservation Commission and which is adjacent to or within the Huerfano Unit area)

OPERATOR AND WELL	COMP. DATE	DATA FROM POTENTIAL TEST			ADDITIONAL SHUT-IN PRESSURES APRIL & MAY, 1955		
		I.P. MCF/DAY	SHUT-IN PRESSURE psig	DATE	SHUT-IN PRESSURE FROM COMP. psig	TIME SHUT IN (Days)	
<u>Reason & Montin</u>							
#3 Quitzeu	2- 8-55		Not tested		4- 9-55	656 60	
<u>Southern Union</u>							
#1 Nickson	3-22-55	1640	668	4-30-55 39	4-15-55	659 24	
#1-A Newson	4- 2-55	2442	649	4-29-55 27	4-15-55	643 13	
#4 Hodges	12-30-54	573	636	1-12-55 17	4-15-55 616 5- 3-55 627	** **	

** Flowed intermittently since completion

ALBERT R. GREEN

EXHIBIT C
Compiled 5-10-55

BALLAND PICTURED CLIFFS FIELD
SAN JUAN COUNTY, NEW MEXICO
INITIAL WELL POTENTIALS AND INITIAL SHUT-IN PRESSURES
(The area covered by wells listed in this Exhibit is the southwest part of the field as now defined by the New Mexico Oil Conservation Commission and which is adjacent to or within the Huerfano Unit area)

DATA FROM POTENTIAL TEST					ADDITIONAL SHUT-IN PRESSURES			
OPERATOR AND WELL	COMP. DATE	I.P. MCF/DAY	SHUT-IN PRESSURE psig	DATE	APRIL & MAY, 1955			
					SHUT-IN PRESSURE psig	TIME SHUT IN FROM COMP. (Days)	TIME SHUT FROM COMP. (Days)	
<u>Reason & Montin</u>								
#3 Quitzeu	2- 8-55		Not tested		4- 9-55	656	60	
<u>Southern Union</u>								
#1 Nickson	3-22-55	1640	668	4-30-55	39	4-15-55	659	24
#1-A Newson	4- 2-55	2442	649	4-29-55	27	4-15-55	643	13
#4 Hodges	12-30-54	573	636	1-12-55	17	4-15-55	616	**
					5- 3-55	627	**	

** Flowed intermittently since completion

ALBERT R. GREEN

EXHIBIT D
Compiled 5-10-55

SOUTH BLANCO PICTURED CLIFFS FIELD
SAN JUAN COUNTY, NEW MEXICO
INITIAL WELL POTENTIALS AND INITIAL SHUT-IN PRESSURES
(The area covered by wells listed in this Exhibit is the southwest part of the field as now defined by the New Mexico Oil Conservation Commission and which is adjacent to or within the Huerfano Unit area)

OPERATOR AND WELL	Twp. 27N Rge. 9W LOCATION	DATA FROM POTENTIAL TEST		
		COMP. DATE	I.P. MCF/DAY	SHUT-IN PRESSURE psig
Monolia Petroleum				
#1 Ourly	NW/4 Sec. 25	12-13-53	538	688
Skelly Oil Co.				
#1 John Charles	SW/4 Sec. 13	Plugged and abandoned		
#1 Gentle	SW/4 Sec. 14	2-12-53	1947	710
#2 Gentle	NW/4 Sec. 23	Plugged and abandoned		
#1-A Gentle	NW/4 Sec. 24	3- 3-53	640	700
Southern Union				
#1 Jernigan	SE/4 Sec. 24	6-18-52	627	599
El Paso Natural Gas (L. Glenn Turner)				
#1 H. L. Gentle	SE/4 Sec. 25	10-19-53	614	715
#1-A G. R. Gentle	NE/4 Sec. 26	9-28-53	191	719
#2 G. R. Gentle	NW/4 Sec. 26	Plugged and abandoned		
#2 H. L. Gentle	SE/4 Sec. 26	Plugged and abandoned		

719
599
720
4131
327
5
700

ALBERT R. GREEN

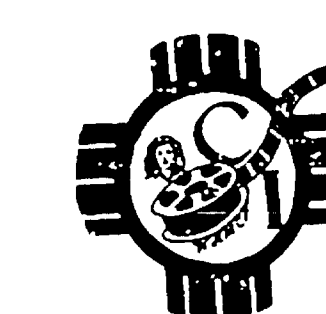
EXHIBIT D
Compiled 5-10-55

SOUTH BLANCO PICTURED CLIFFS FIELD
SAN JUAN COUNTY, NEW MEXICO
INITIAL WELL POTENTIALS AND INITIAL SHUT-IN PRESSURES
(The area covered by wells listed in this Exhibit is the southwest part of the field as now defined by the New Mexico Oil Conservation Commission and which is adjacent to or within the Huerfano Unit area)

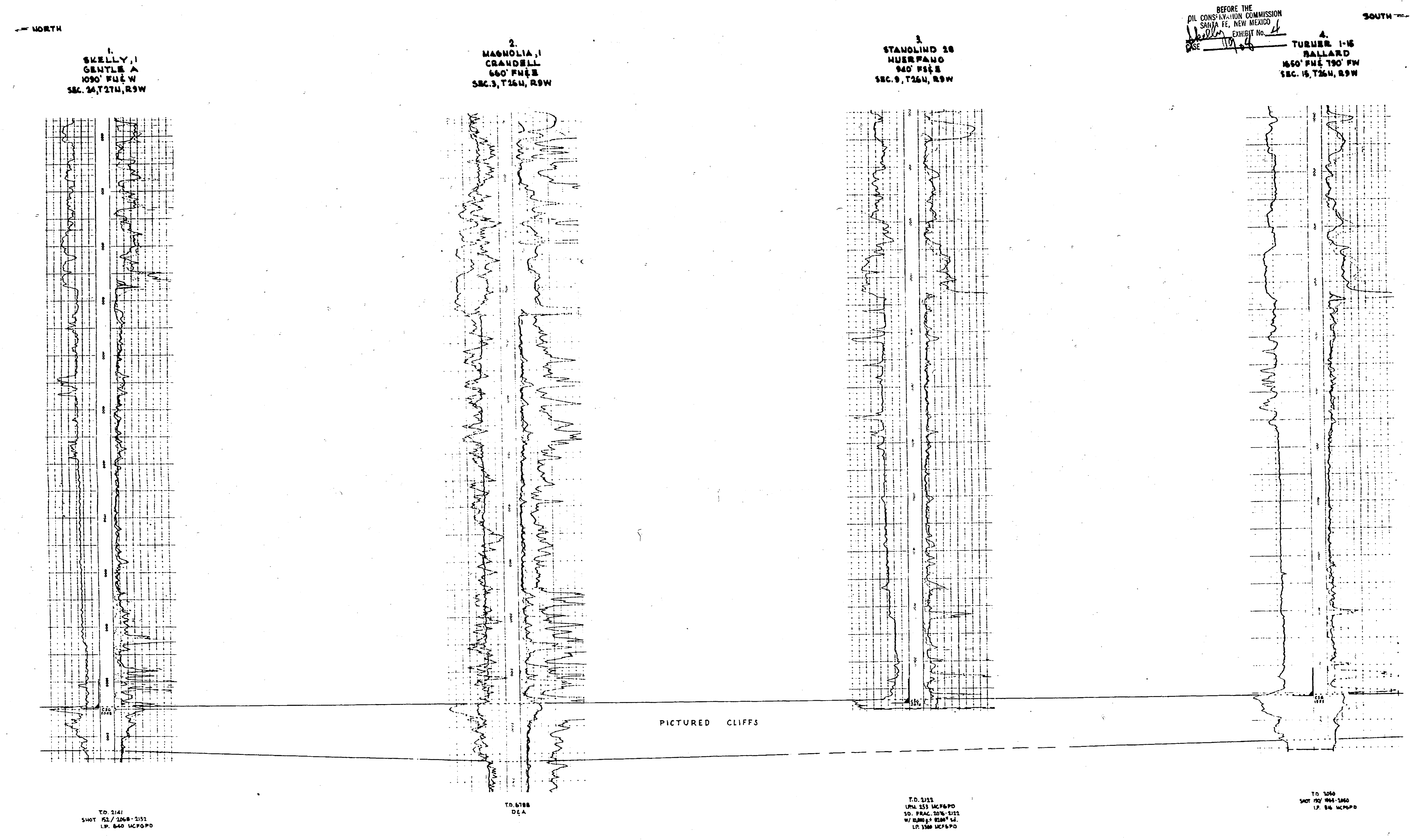
OPERATOR AND WELL	Twp. 27N Rge. 9W LOCATION	DATA FROM POTENTIAL TEST		
		COMP. DATE	I.P. MCF/DAY	SHUT-IN PRESSURE psig
Monolia Petroleum				
#1 Ourly	NW/4 Sec. 25	12-13-53	538	688
Skelly Oil Co.				
#1 John Charles	SW/4 Sec. 13	Plugged and abandoned		
#1 Gentle	SW/4 Sec. 14	2-12-53	1947	710
#2 Gentle	NW/4 Sec. 23	Plugged and abandoned		
#1-A Gentle	NW/4 Sec. 24	3- 3-53	640	700
Southern Union				
#1 Jernigan	SE/4 Sec. 24	6-18-52	627	599
El Paso Natural Gas (L. Glenn Turner)				
#1 H. L. Gentle	SE/4 Sec. 25	10-19-53	614	715
#1-A G. R. Gentle	NE/4 Sec. 26	9-28-53	191	719
#2 G. R. Gentle	NW/4 Sec. 26	Plugged and abandoned		
#2 H. L. Gentle	SE/4 Sec. 26	Plugged and abandoned		

ALBERT R. GREEN

V.N.C.F. MICROGRAPHICS



BEST AVAILABLE COPY



SKELLY OIL COMPANY
CROSS SECTION B-B'
SAN JUAN COUNTY, NEW MEXICO
APRIL 10, 1954 J. CLAYTON

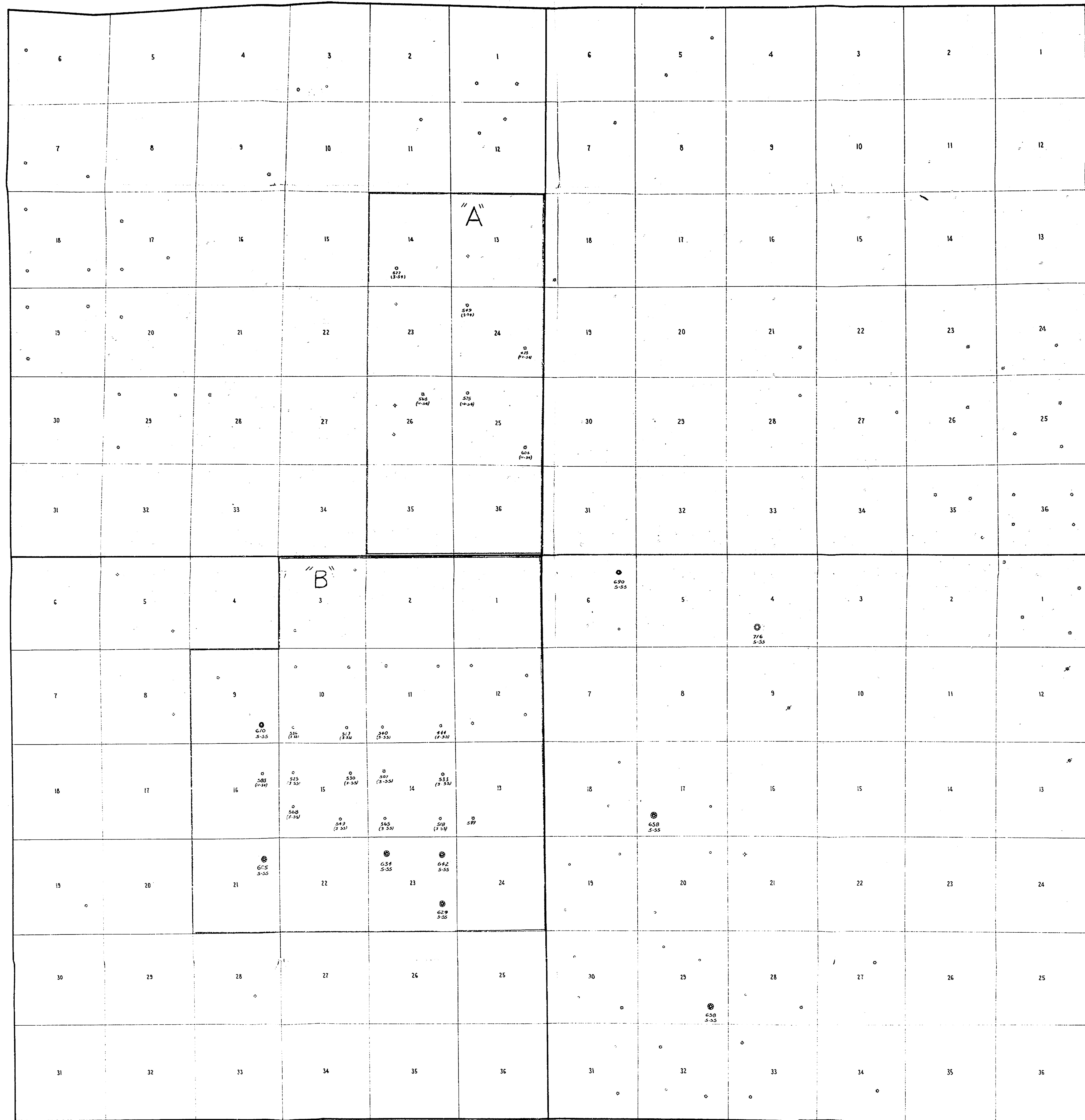


116

July Exp 6

R-9-W

R-8-W

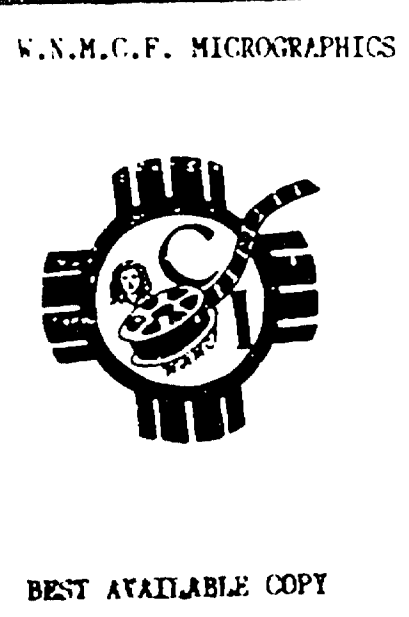


T 27 N

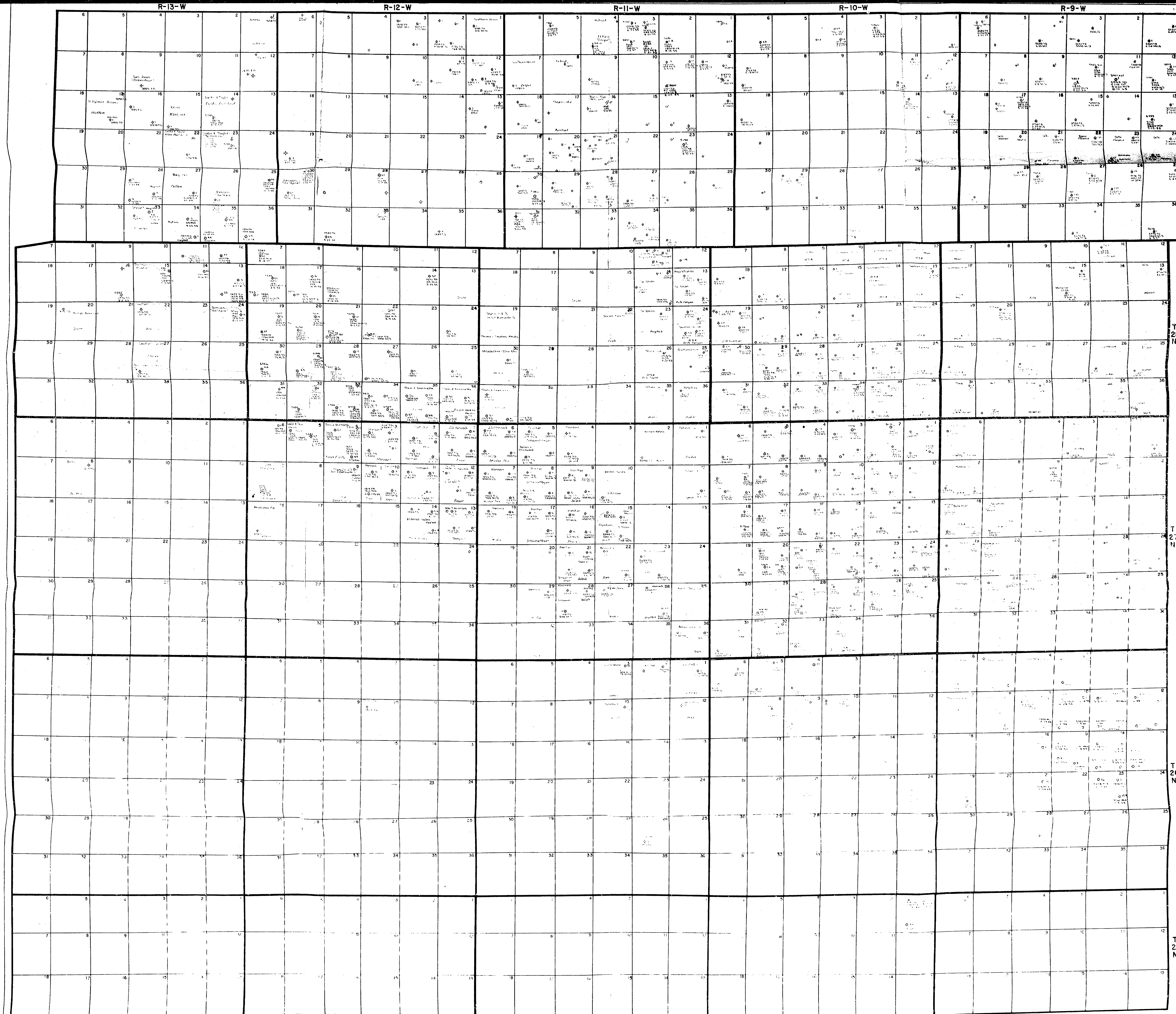
T 26 N

PRESSURE MAP
SHOWING
SEVEN DAY WELLHEAD S/D ON PRODUCING
WELLS, WELLHEAD S/D ON WELLS NOT
CONNECTED AND DATE EACH PRESSURE
WAS OBTAINED
○ PRODUCING WELLS
● WELLS NOT CONNECTED

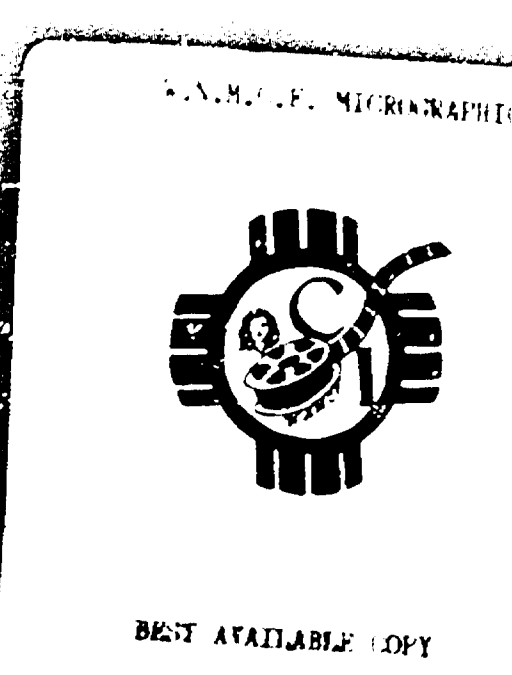
San Juan County New Mexico
Scale 1"=1 Mile



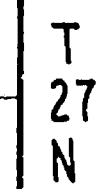
July 6
116



Pictured Cliffs Development
Gallegos Canyon - Kutz Canyon - Huertano Areas
San Juan County, New Mexico



Shelly Eph ~~7~~

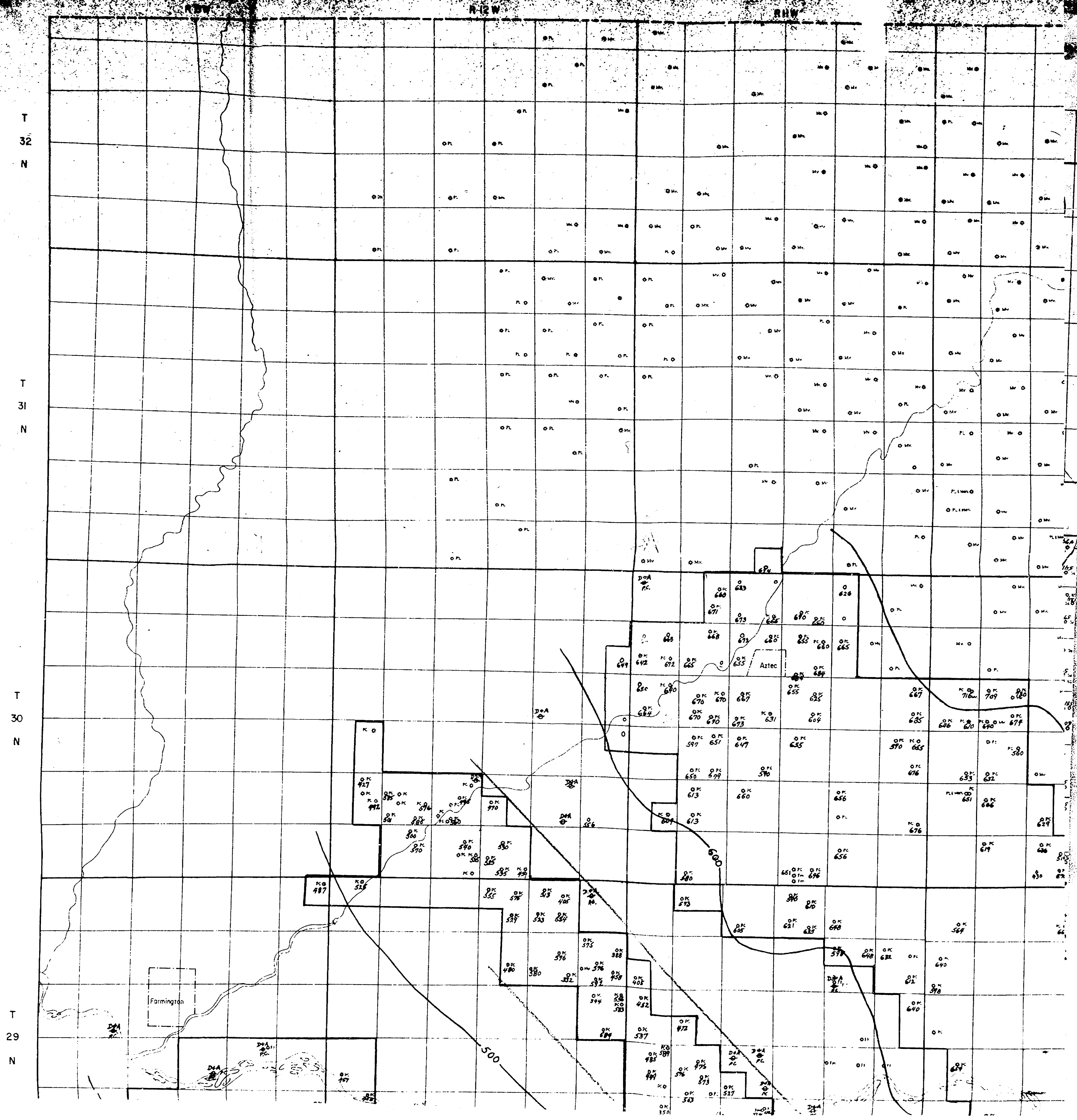
T
26
N

San Juan County New Mexico
Scale 2 1/2 Miles



47

Shelly End #9



Top
right

San Juan Basin
New Mexico
Case No. 908



PICTURED CLIFF POOLS
SHOWING CONTOURS OF EQUAL INITIAL PRES-
SURE AND RECOMMENDED POOL BOUNDARIES

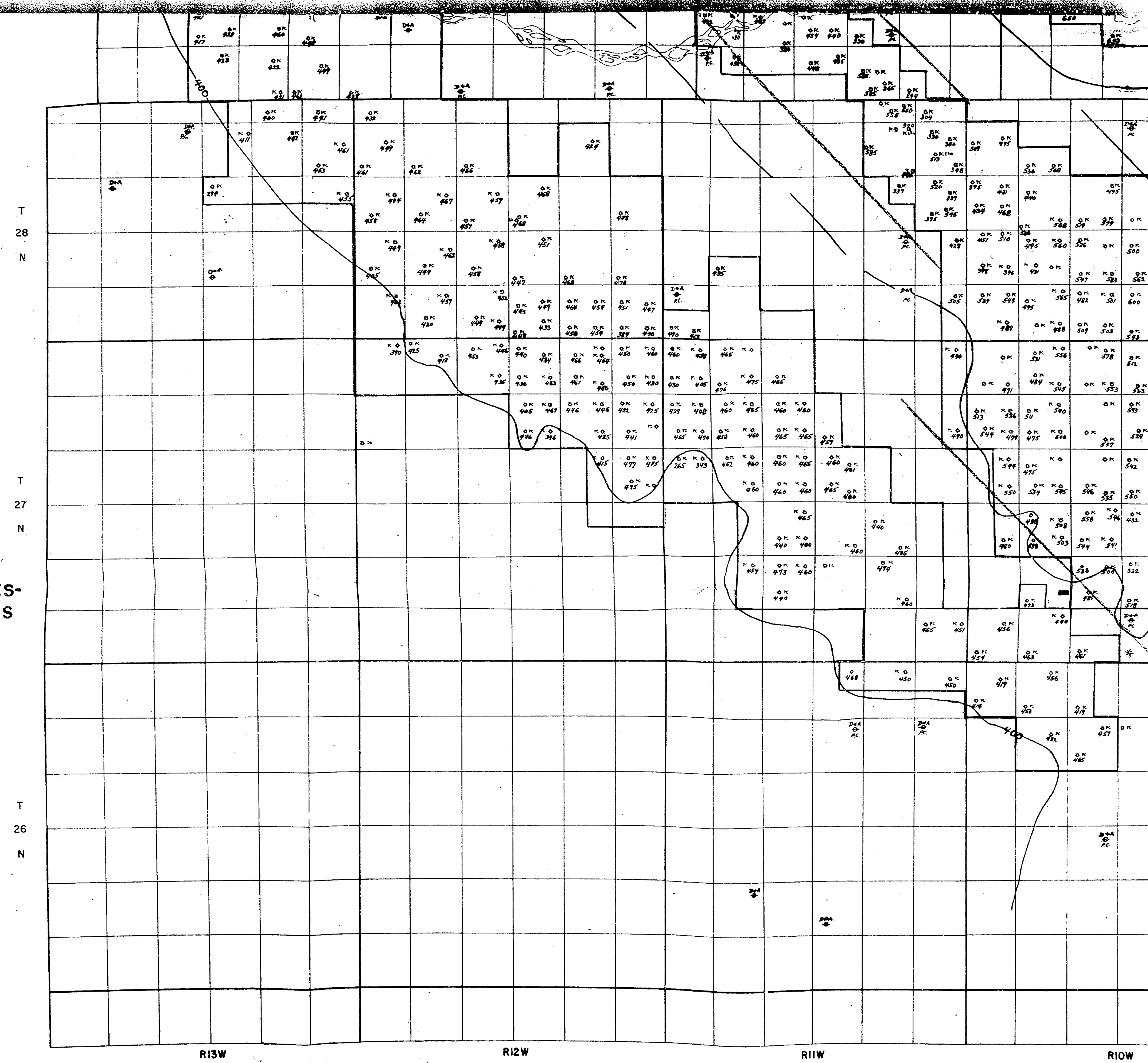
CONTOUR INTERVAL = 100 PSI

MAP SHOWING
PRODUCING WELLS
SAN JUAN BASIN NEW MEXICO

Prepared for
NEW MEXICO OIL CONSERVATION COMMISSION
By

Mosheim States Mapping Co., Inc.

Scale: 1" = 1 Mile
Current to: 8-1958



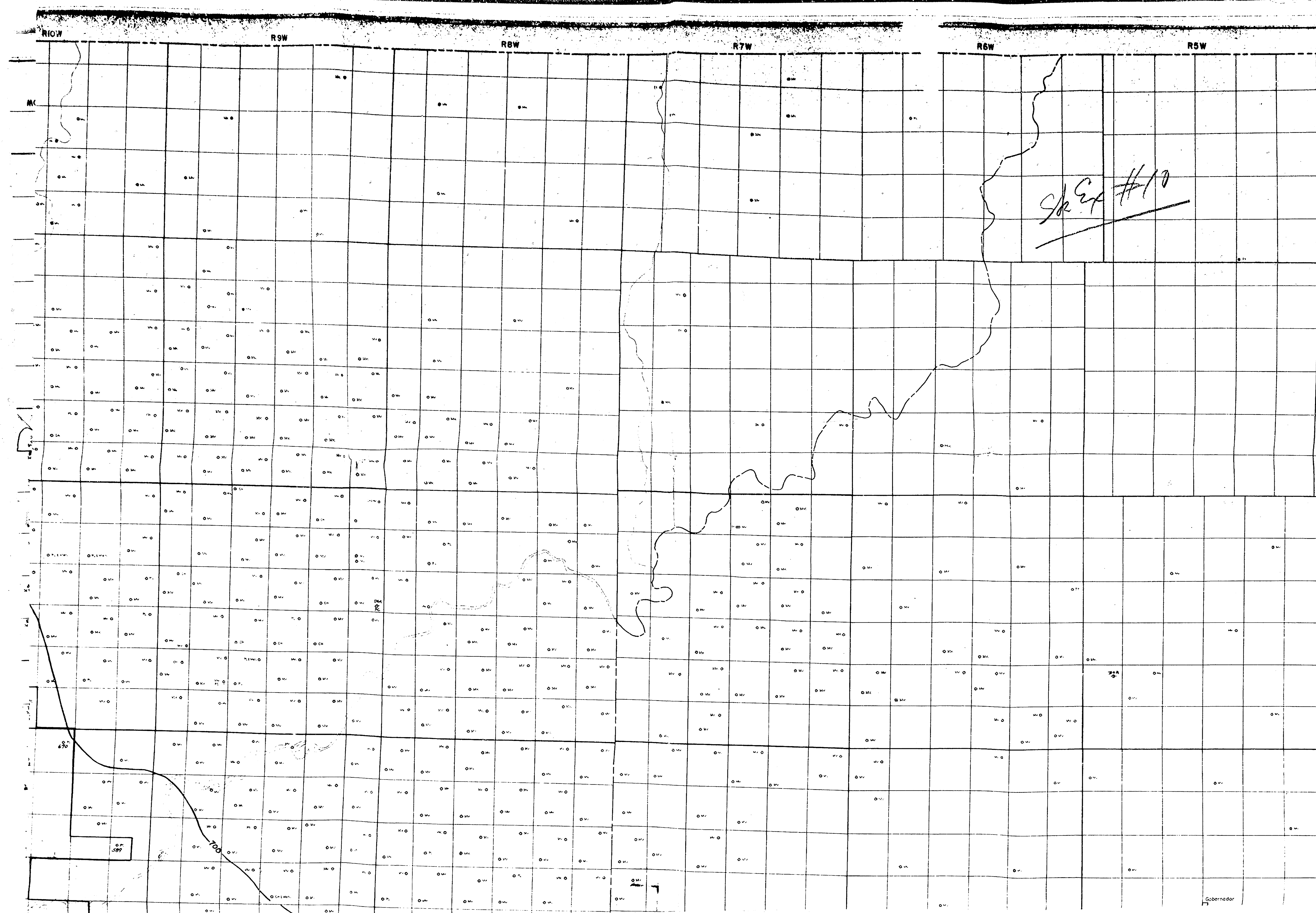
Lower
Right

San Juan Basin
New Mexico
Case No. 908

AMERICAN MICROGRAPHICS



BEST AVAILABLE COPY

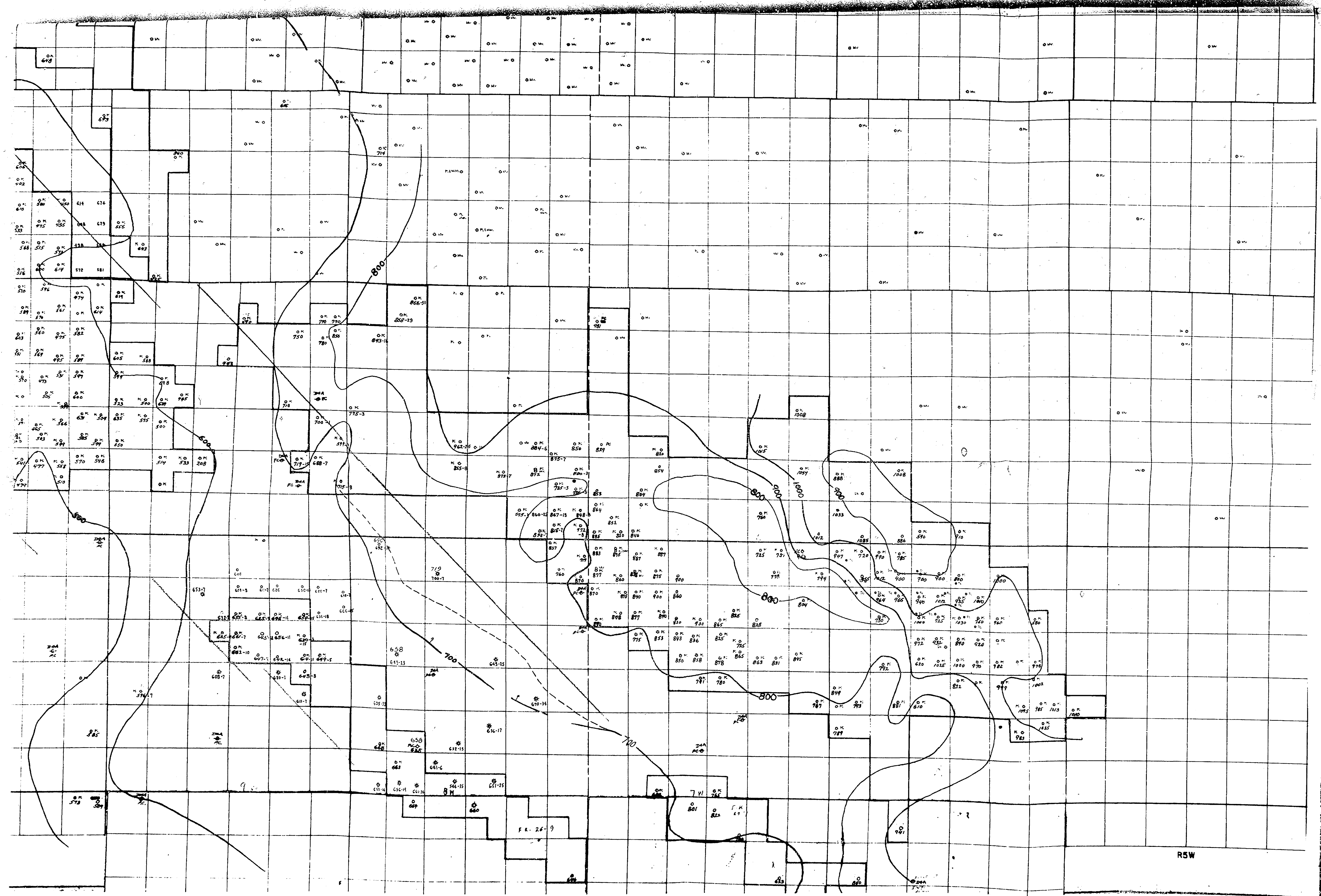


Top
Left

San Juan Basin
New Mexico
Case No. 908



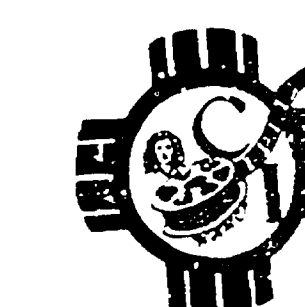
BEST AVAILABLE COPY



Lower
left

San Juan Basin
New Mexico
Case No. 908

U.S.G.C. MICROFILMS



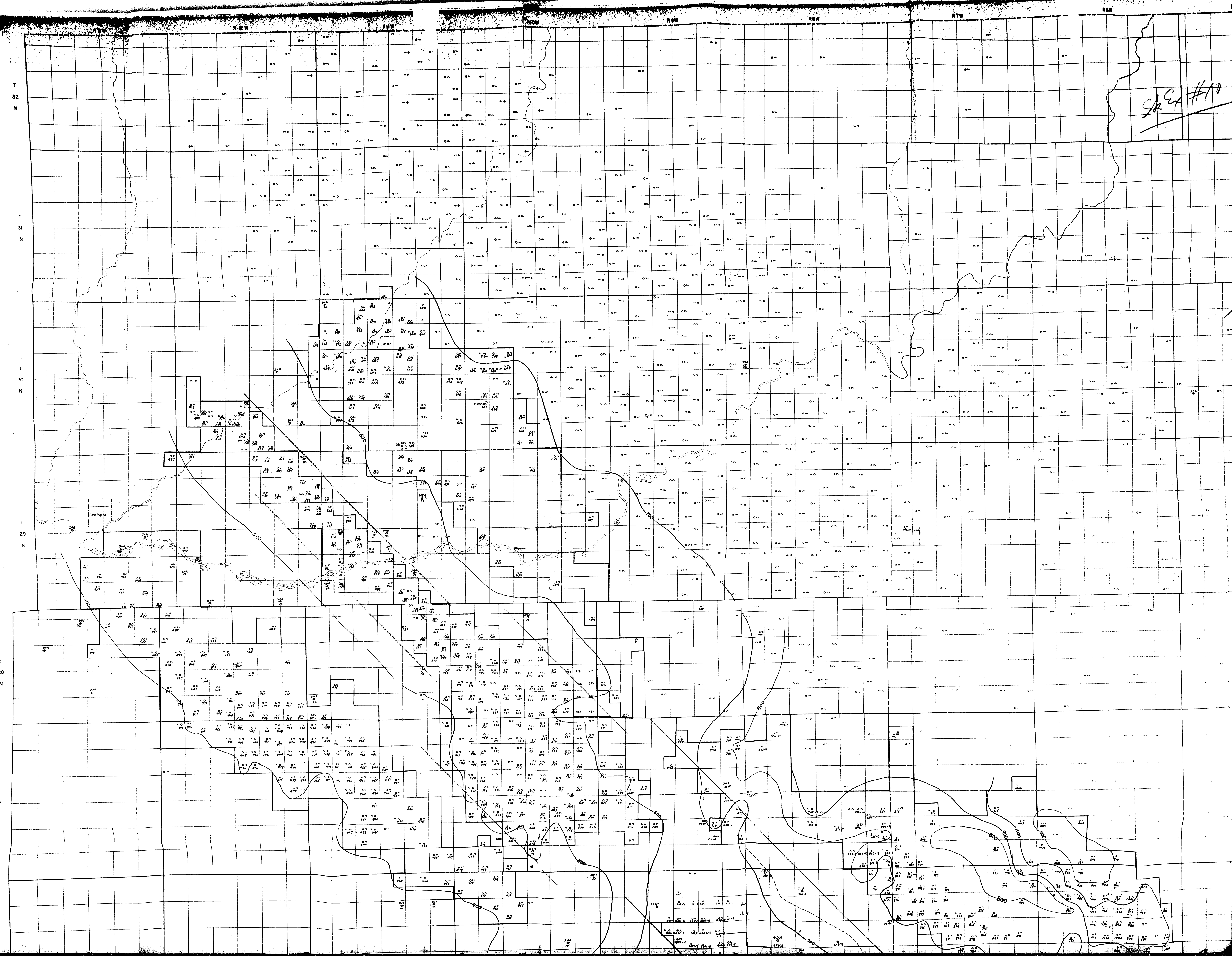
BEST AVAILABLE COPY

Ed #9

Sp. Ex #10

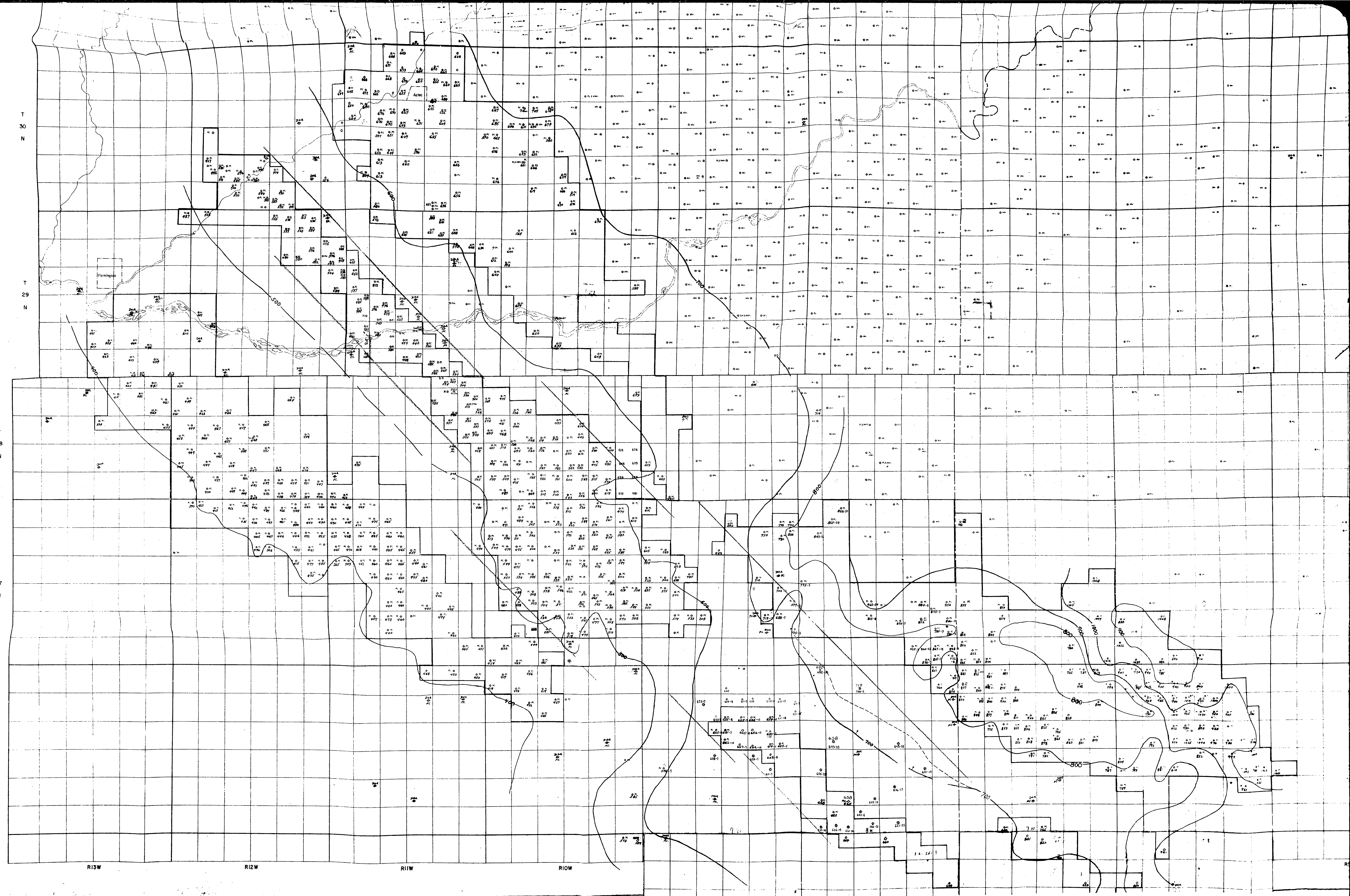
LS
INTERNAL PRES-
BOUNDARIES

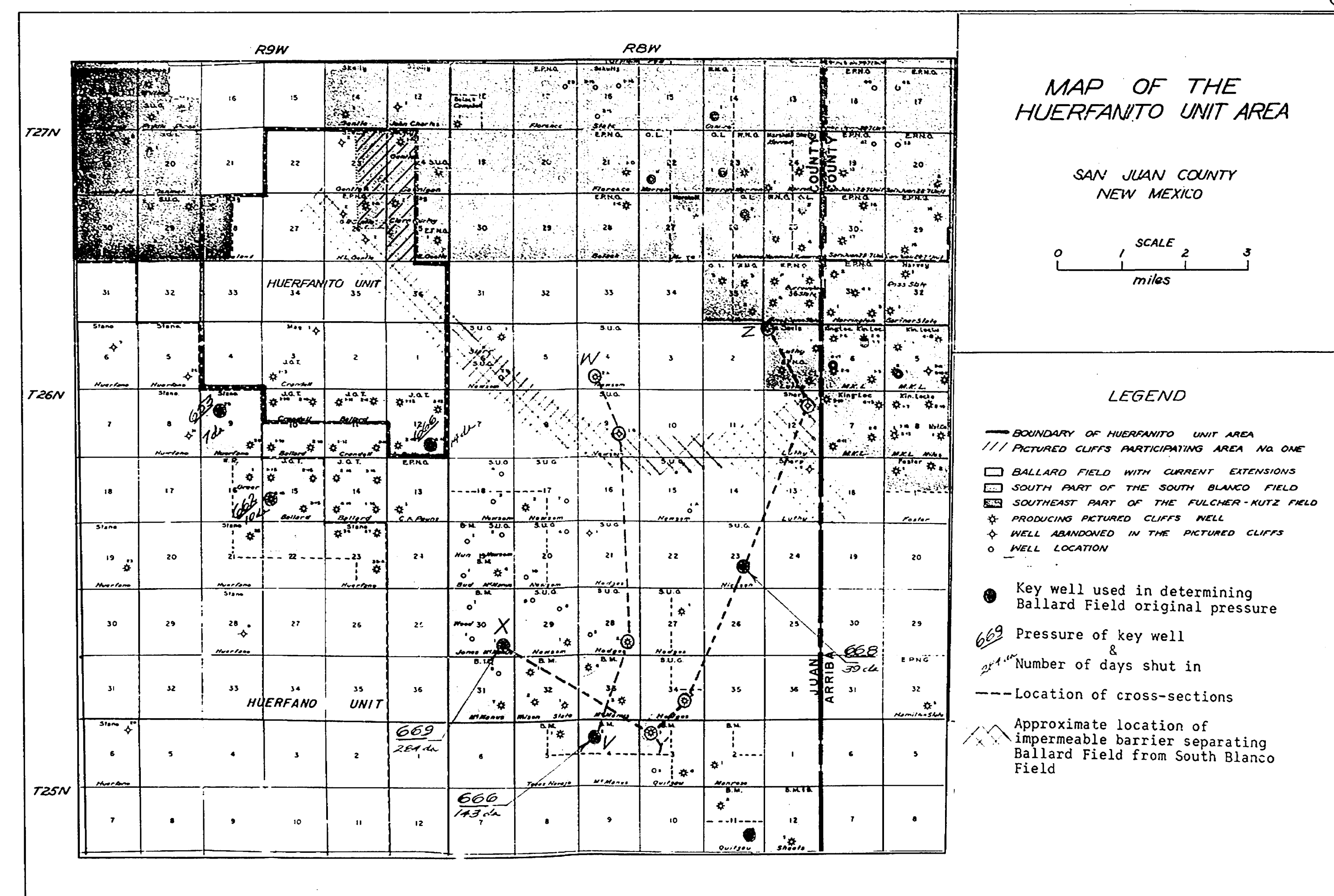
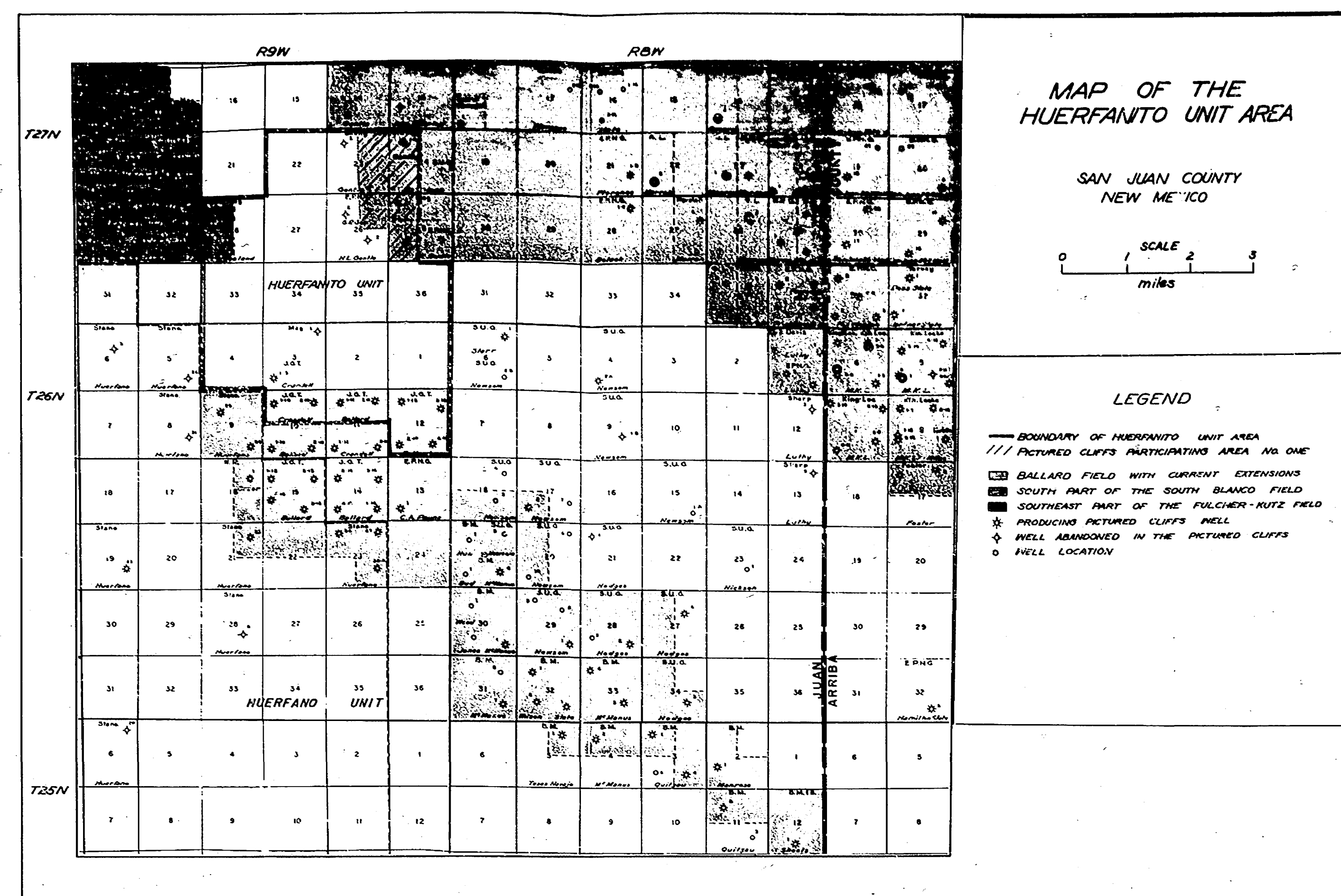
POPSI



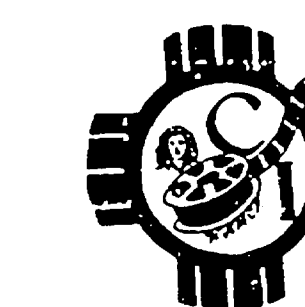
INITIAL PRES-
BOUNDARIES

SI





V.M.C.F. MICROGRAPHICS



BEST AVAILABLE COPY

C
O
P
Y

SEELY OIL COMPANY
Tulsa 2, Oklahoma

April 25, 1955

Mr. W. B. Macey
New Mexico Oil Conservation Commission
P. O. Box 971
Santa Fe, New Mexico

Gentlemen:

We hereby request that the Commission set down for hearing at the next regular Market Board date a hearing which should be upon the motion of the Commission since it involves nomenclature and all nomenclature cases are called by the Commission.

The area involved in this application should cover all or portions of Township 28 North, Ranges 8 and 9 West; Township 27 North, Ranges 8 and 9 West; Township 26 North, Ranges 8 and 9 West, and Township 25 North, Range 8 West.

This area should be considered by the Commission in connection with the creation and establishment of a new field insofar as the Pictured Cliffs production is concerned, or in connection with an extension of the present limits of the South Blanco Pictured Cliffs, Astec Pictured Cliffs or Pulcher-Kutz Pictured Cliffs insofar as they apply to the area delineated in these seven townships. In this connection we believe the Commission should consider the modification, amendment and revision of Order No. R-277 and the subject matter of Case 364, paragraph (c).

The calling of the hearing on the part of the Commission upon its own motion for an order of nomenclature is not only in line with the present procedure but enables all operators interested in this area an opportunity to present to the Commission their recommendations as to how best delineate the Pulcher-Kutz Pictured Cliffs, Astec Pictured Cliffs, South Blanco Pictured Cliffs, and the Ballard Pictured Cliffs, so that the Commission can properly issue such orders, rules and regulations as may be necessary upon facts that may be presented to it at the hearing.

Seely Oil Company will be prepared to present testimony to the Commission to show that insofar as the Pictured Cliffs production in Sections 13, 14, 23, 24, 25, 26, Township 27 North, Range 9 West, Pictured Cliffs production in Section 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, in Township 26 North, Range 9 West and Pictured Cliffs production in Section 6, Township 26 North, Range 8 West, is of one pool and should not be placed in two separate pools.

Mr. W. B. Macey

-2-

April 25, 1955

However, the scope of the hearing should be broad enough to permit the Commission, if it so desires, to either designate this as one separate pool or an extension of existing pools.

Yours very truly,

/s/ George W. Selinger

GWS:dd

cc: Southern Union Gas Company
2101 Bank Building
Dallas, Texas

Mr. J. G. Turner
17th Floor, Mercantile Bank Bldg.
Dallas, Texas

Mr. Julian Clausen
Seely Oil Company
Albuquerque, New Mexico

Mr. P. E. Casper

C
O
P
Y

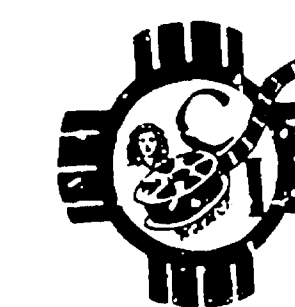
Area Involved:

Township 28 North, Ranges 8 and 9 West
Township 27 North, Ranges 8 and 9 West
Township 26 North, Ranges 8 and 9 West
Township 25 North, Range 8 West.

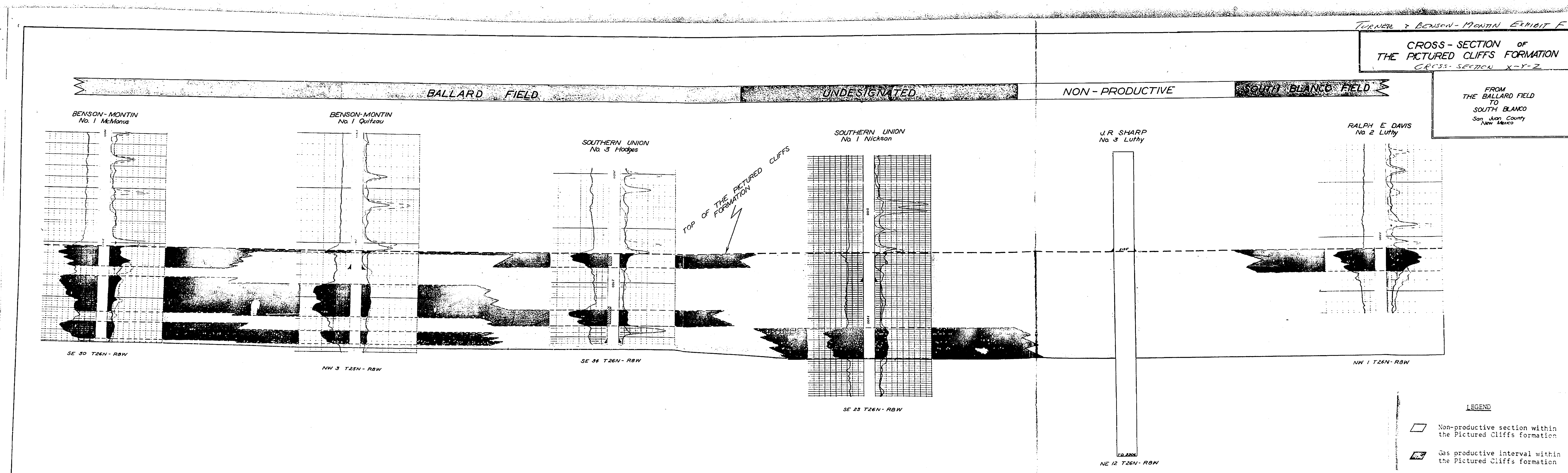
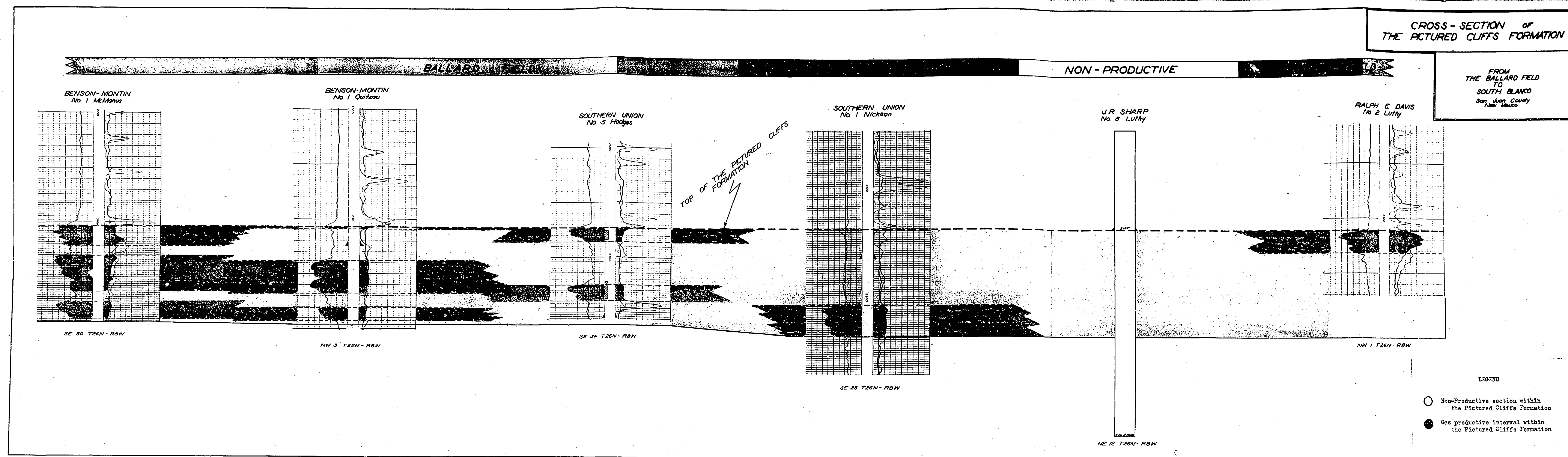
Seely to present testimony on following area to show one pool:

Sections 13, 14, 23, 24, 25, 26, Township 27 North, Range 9 West.
Sections 1, 2, 3, 4, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24,
Township 26 North, Range 9 West.
Section 6, Township 26 North, Range 8 West.

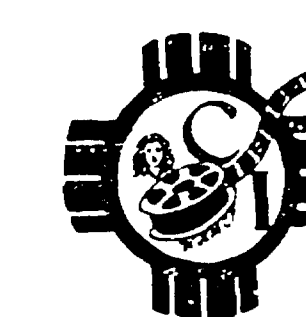
N.W.C.F. MICROGRAPHICS



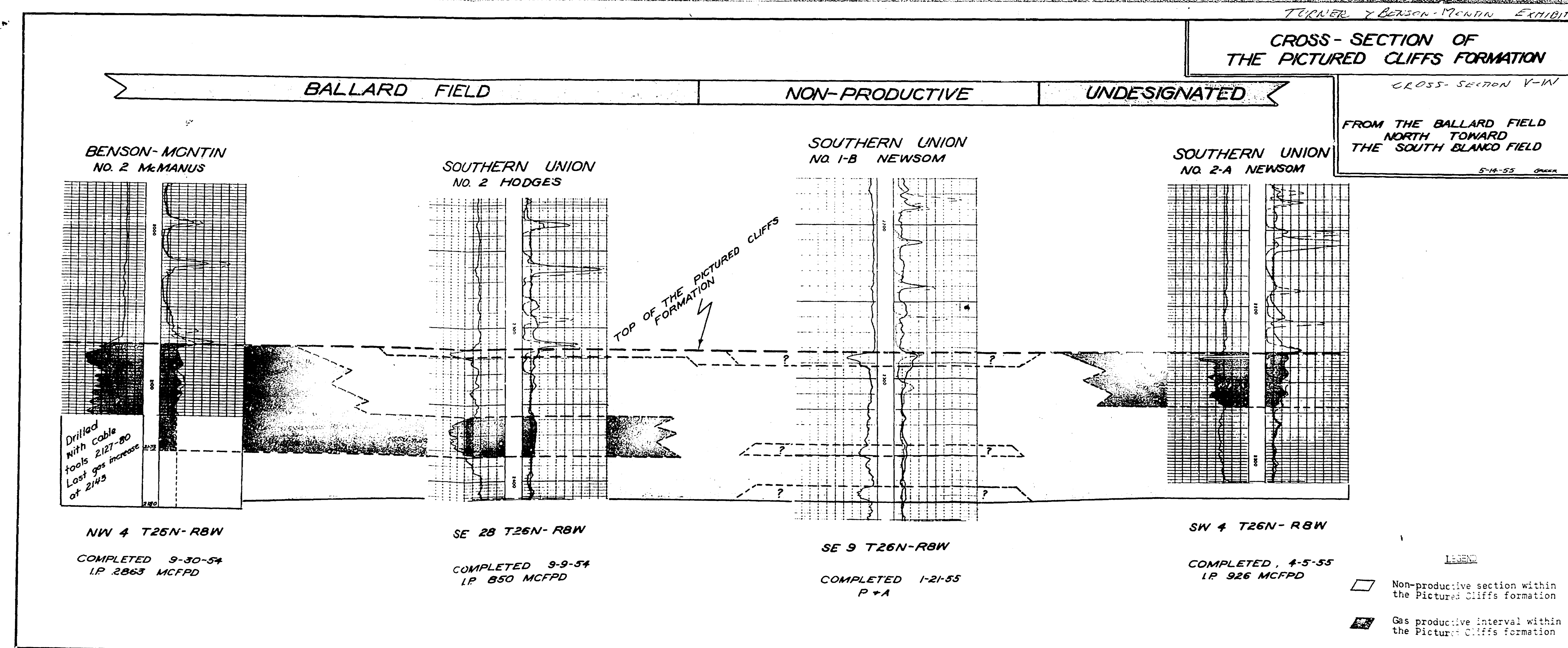
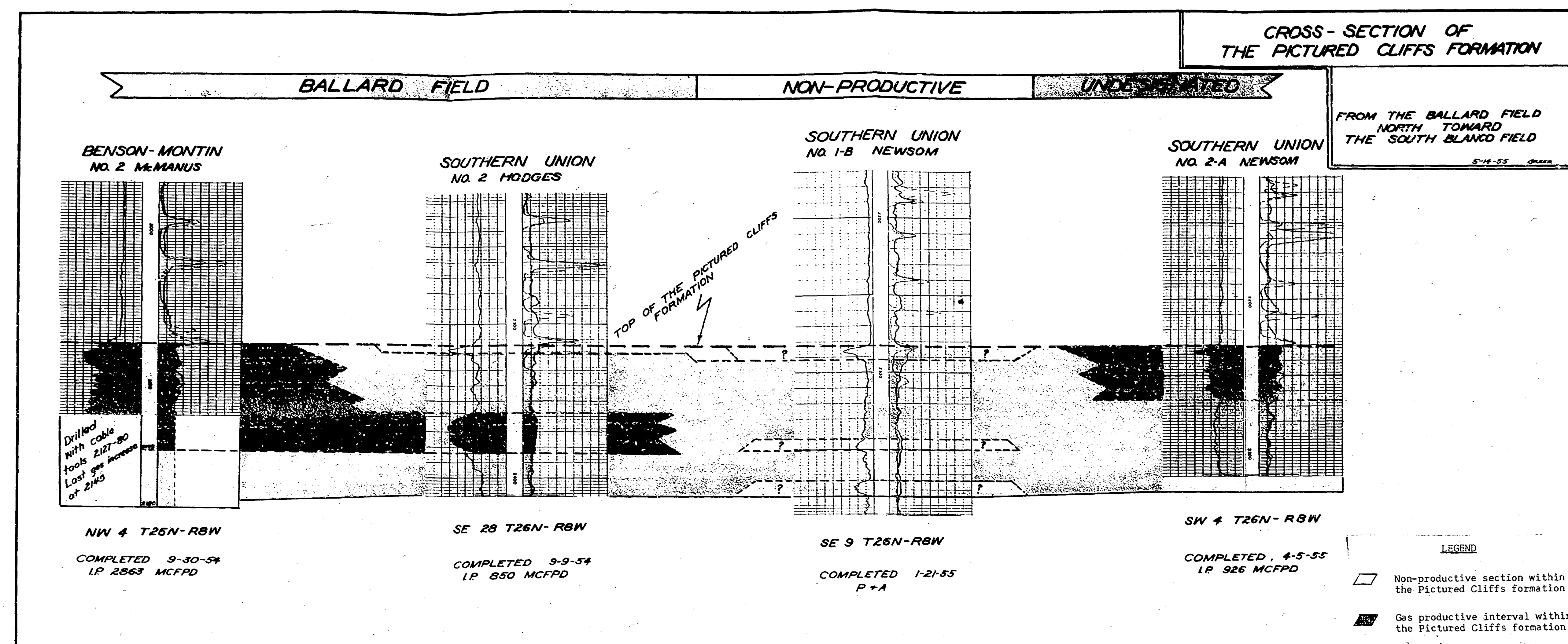
BEST AVAILABLE COPY



U.S. GEOLOGICAL SURVEY



BEST AVAILABLE COPY



V.M.C.F. MICROGRAPHICS



BEST AVAILABLE COPY