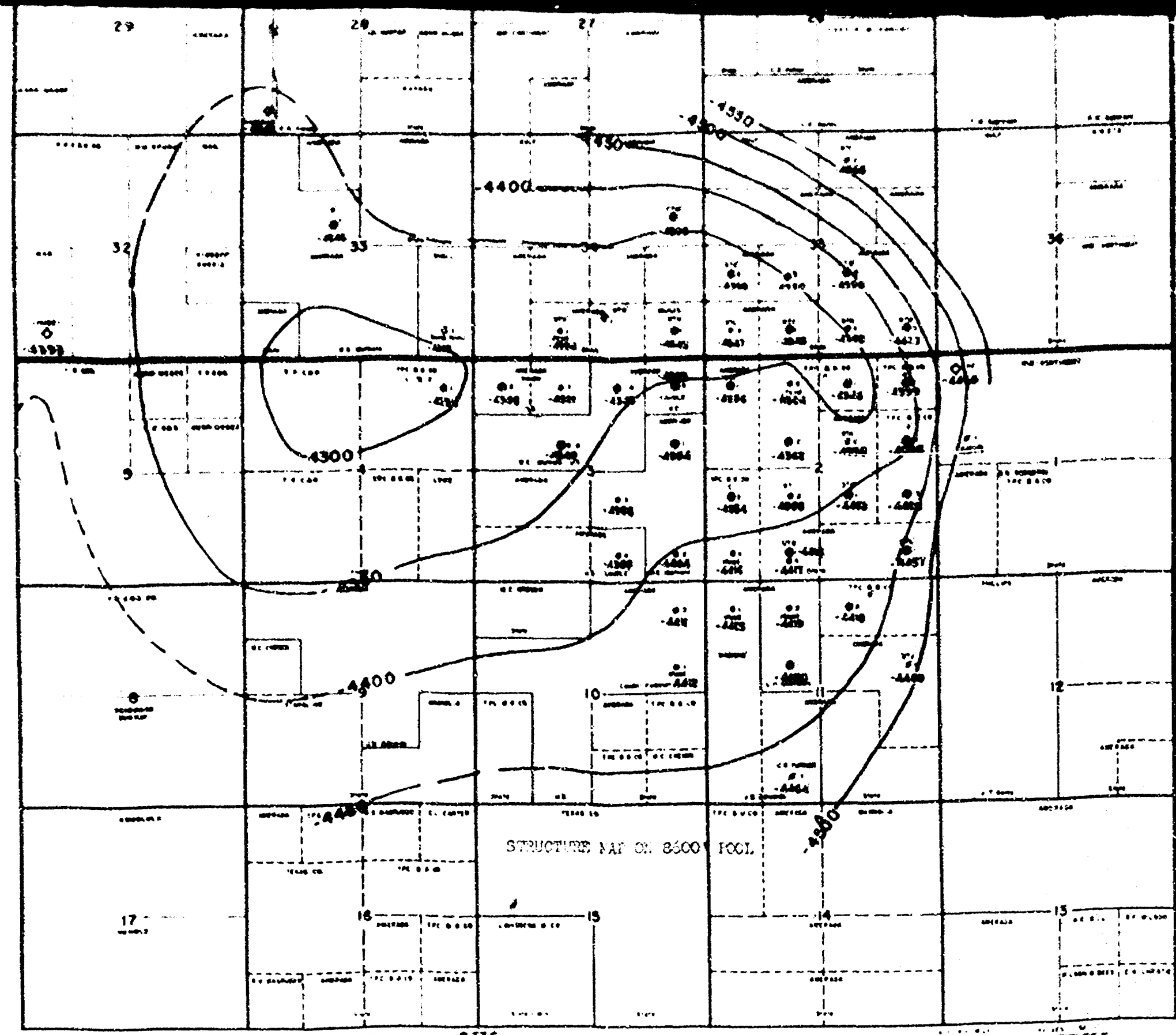


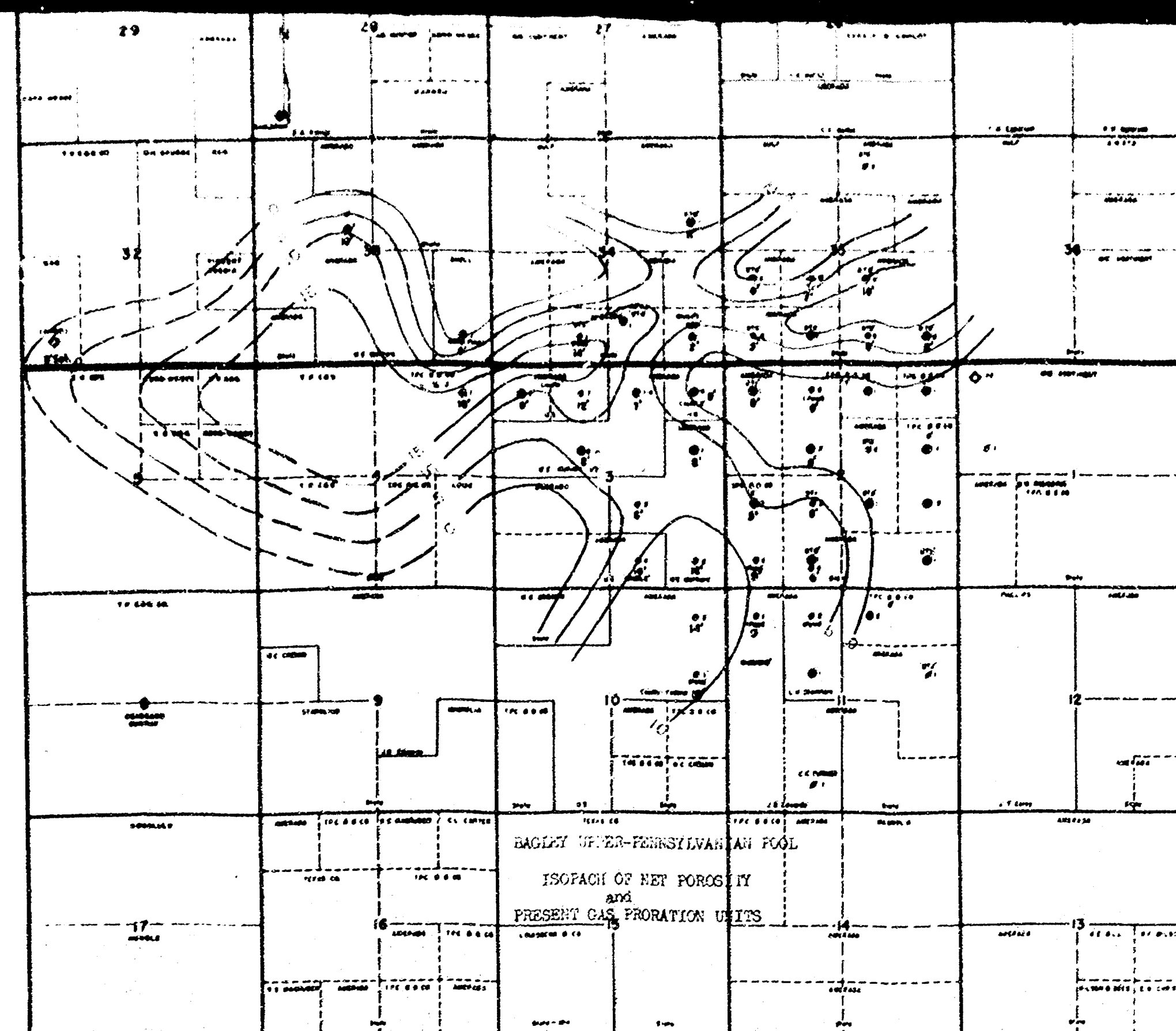
Case No.

1325

Large Exhibit



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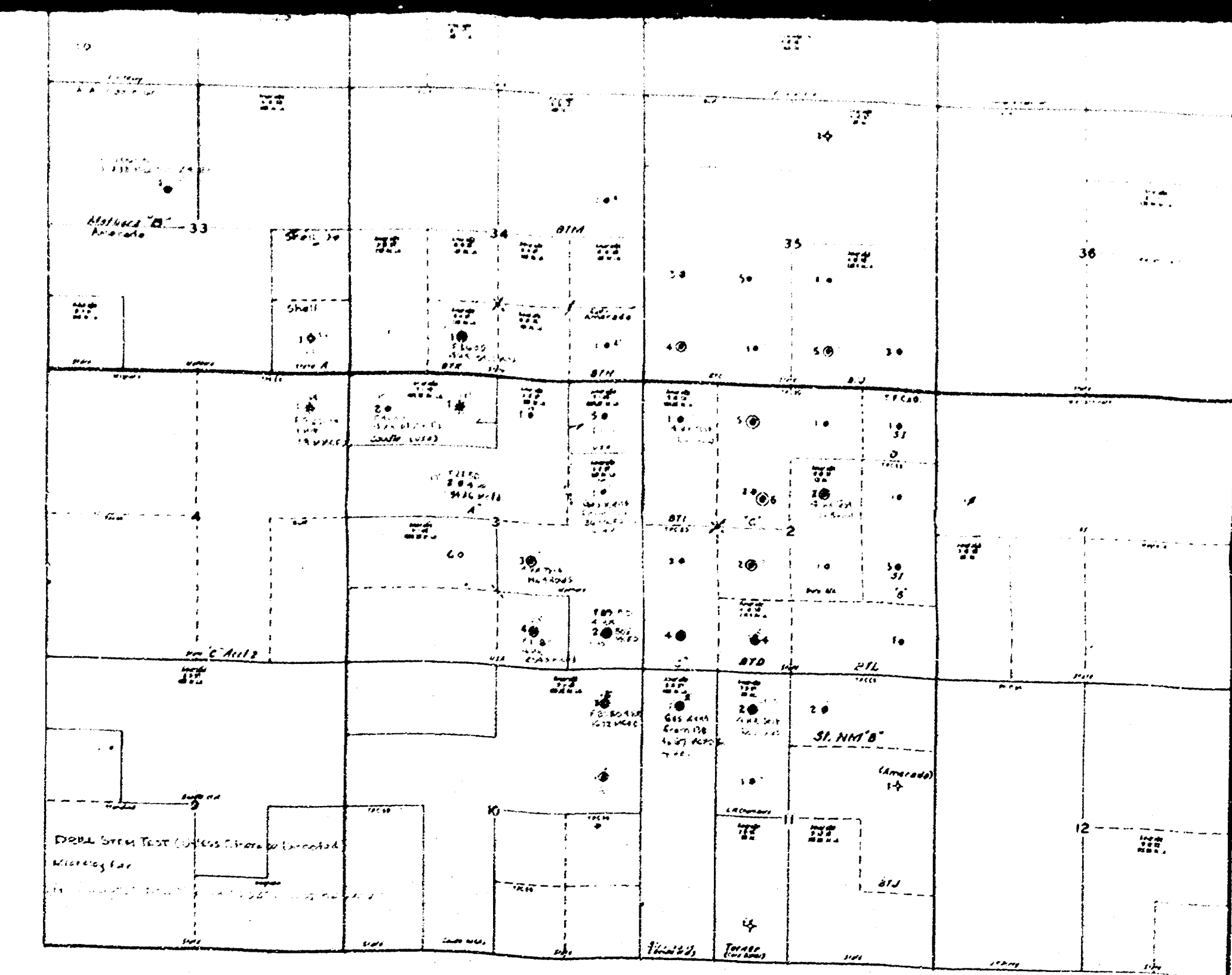
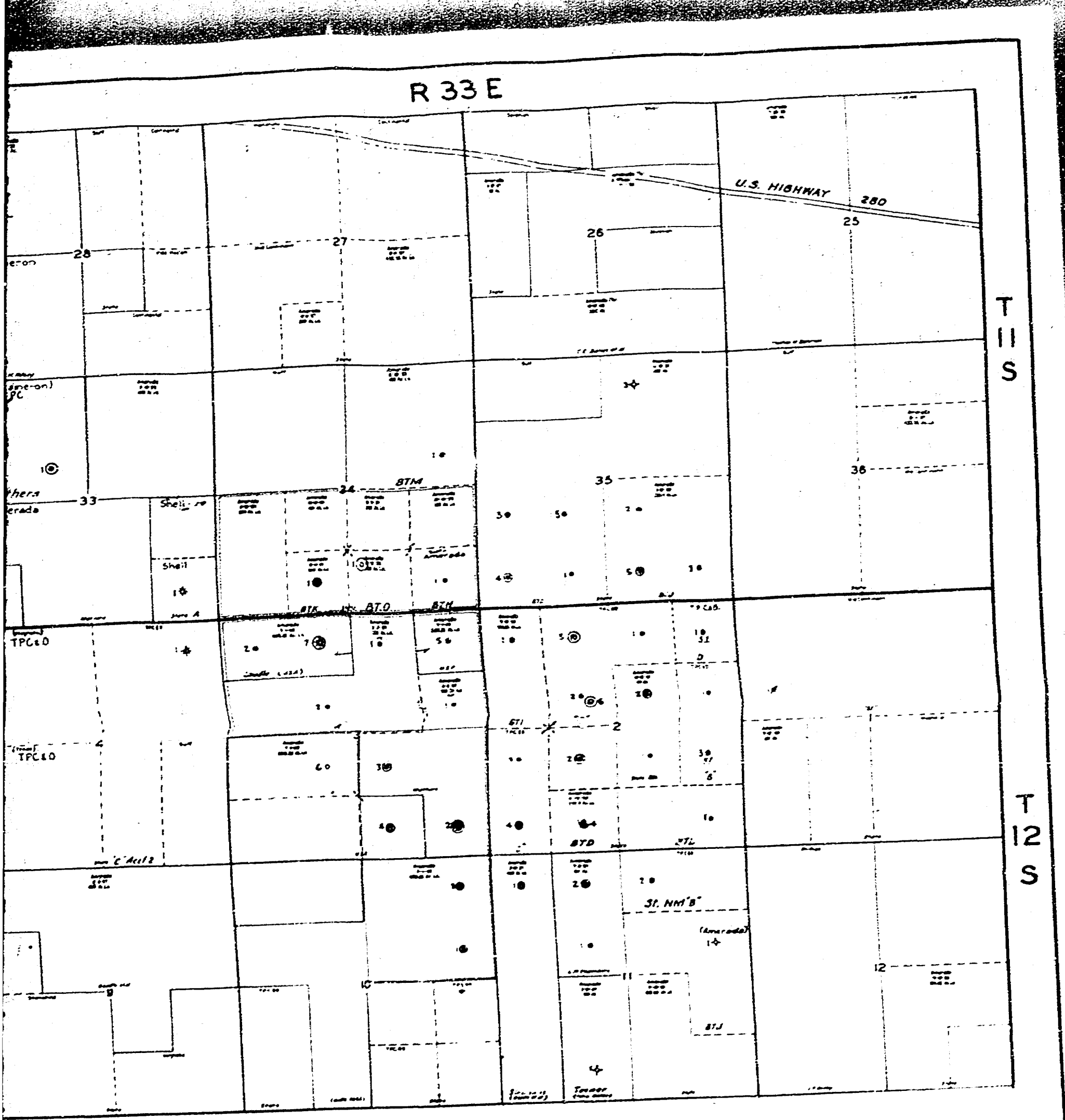


EXHIBIT A

BAGLEY FIELD
LEA COUNTY, NEW MEXICO
SCALE 1"=2000 FEET

PENNSYLVANIAN WELLS
DEVONIAN WELLS



EXHIBIT

BAGLEY FIELD
LEA COUNTY, NEW MEXICO
SCALE 1"=2000 FEET

PENNSYLVANIAN WELLS
DEVONIAN WELLS

DRILL-STEM TEST DATA
BAGLEY UPPER PENNSYLVANIAN GAS ZONE

Caulle #2 (2) DST 8565-8717' - 4-hr test. Gas to surface in 4 min, and no distillate, 0 min. Flowed 10.51 bbls dist/4 hrs. Gas volume 6,850 Mcf/day. FFP 15750. BUP 20250.

Caulle #3 (2) DST 8565-8722' - Gas to surface in 3 min, oil in 16 min. Flowed 19.25 bbls dist/4 hrs. Gas volume 1,672 Mcf/day. FFP 8400. BUP 27700.

Caulle #4 (2) DST 8604-8765' - Gas to surface in 6 min, distillate in 2 min. Flowed 10.51 bbls dist/4 hrs. Gas volume 6,850 Mcf/day. FFP 13200. BUP 20250.

Caulle #7 (2) DST 8585-8665' - Gas to surface in 3 min, distillate in 10 min. Flowed 37.62 bbls dist/4 hrs. Gas volume 6,850 Mcf/day. FFP 15750. BUP 20250.

Clambers #2 (2) DST 8565-8723' - 4-hr test - no show.

Mathers #1 (2) DST 8510-8675' - gas to surface in 3 min, volume diminished from 71 Mcf/day to 36 Mcf/day at end of 4-hr test. Rec. no oil or water. FFP 1000. BUP 8500.

Mathers #2 (2) DST 8604-8715' - Gas to surface in 4 min, oil in 35 min. Flowed 59.16 bbls distillate in 4 hrs, gas volume 606 Mcf/day. FFP 11500.

Mathers #3 (2) DST 8604-8725' - no show - 4-hr test.

Mathers "A" #2 (2) DST 8615-8670' - gas to surface in 3 min. Distillate in 21 min. Flowed 86.58 bbls dist/4 hrs. Gas volume 3436 Mcf/day. FFP 11000. BUP 22250.

Mathers "B" #1 (2) DST 8580-8690' - gas to surface in 7 min, and in 40 min, oil in 30 min. Flowed 100.71 bbls oil & trace B20W in 4 hrs, gravity 46.7 corrected, FFP 5550, FFP 9500, BUP 23400.

Stinson #1 (2) DST 8675-8705' - gas to surface in 6 min, volume diminished from 130 Mcf/day to 67 Mcf/day at end of 4-hr test. FFP 00. BUP 12300.

State BT "A" #2 (2) DST 8580-8771' - no show in 4-hr test.

State BT "I" #1 (2) DST 8586-8672' - gas to surface in 3 min, distillate in 6 min. Flowed 35.32 bbls dist/4 hrs, gas volume 3420 Mcf/day. FFP 15200. BUP 22700.

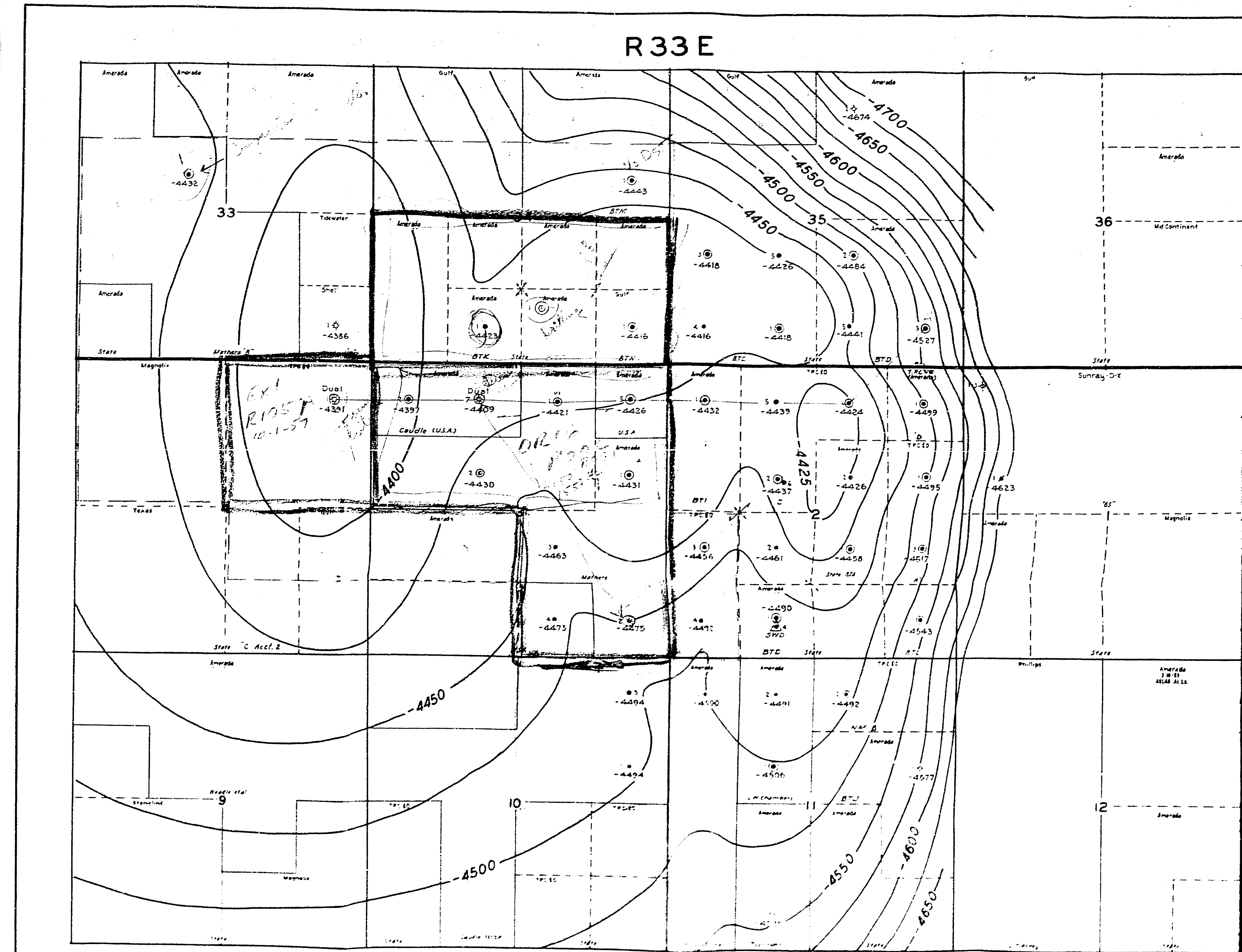
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EXHIBIT NO. 3

PRODUCTION HISTORY W. E. MATHERS NO. 2 BAGLEY PENNSYLVANIAN FIELD			
MONTH	GAS MCF	OIL BBL	1952
April	5,423	4,353	47,721
May	31,344	3,344	39,040
June	15,207	1,207	18,419
July	13,689	1,418	16,107
Aug.	13,882	938	16,820
Sept.	12,154	937	15,091
Oct.	8,103	992	11,117
Nov.	6,150	1,077	15,220
Dec.	11,212	1,053	30,273
	118,395	15,037	403,595
1953			
Jan.	26,722	558	18,260
Feb.	26,858	594	9,838
March	27,510	558	13,122
April	24,908	240	15,823
May	25,308	528	10,488
June	30,164	240	8,709
July	29,798	558	15,204
Aug.	18,183	558	17,889
Sept.	20,609	240	11,350
Oct.	29,173	558	21,504
Nov.	9,198	510	28,948
Dec.	22,082	227	28,228
	295,985	6,509	201,701
1955			
Jan.	88,072	530	14,136
Feb.	15,480	490	11,799
March	8,291	537	9,839
April	11,077	515	8,594
May	8,613	531	8,523
June	10,837	512	6,890
July	9,377	436	7,903
Aug.	9,291	432	10,372
Sept.	8,684	423	12,541
Oct.	11,101	400	11,372
Nov.	12,582	461	13,333
Dec.	13,753	424	10,971
	147,110	5,770	125,987
1957			
Jan.	10,922	400	
Feb.	9,461	365	
March	13,181	406	
April	11,177	396	
May	16,330	408	
June	17,040	348	
July	17,823	372	
Aug.	17,170	370	
	116,104	3,067	
Cumulative Gas - 1,406,908 Mcf			
Cumulative Oil - 51,315 Bbls			

MEASURE THE
ON THE
DATE

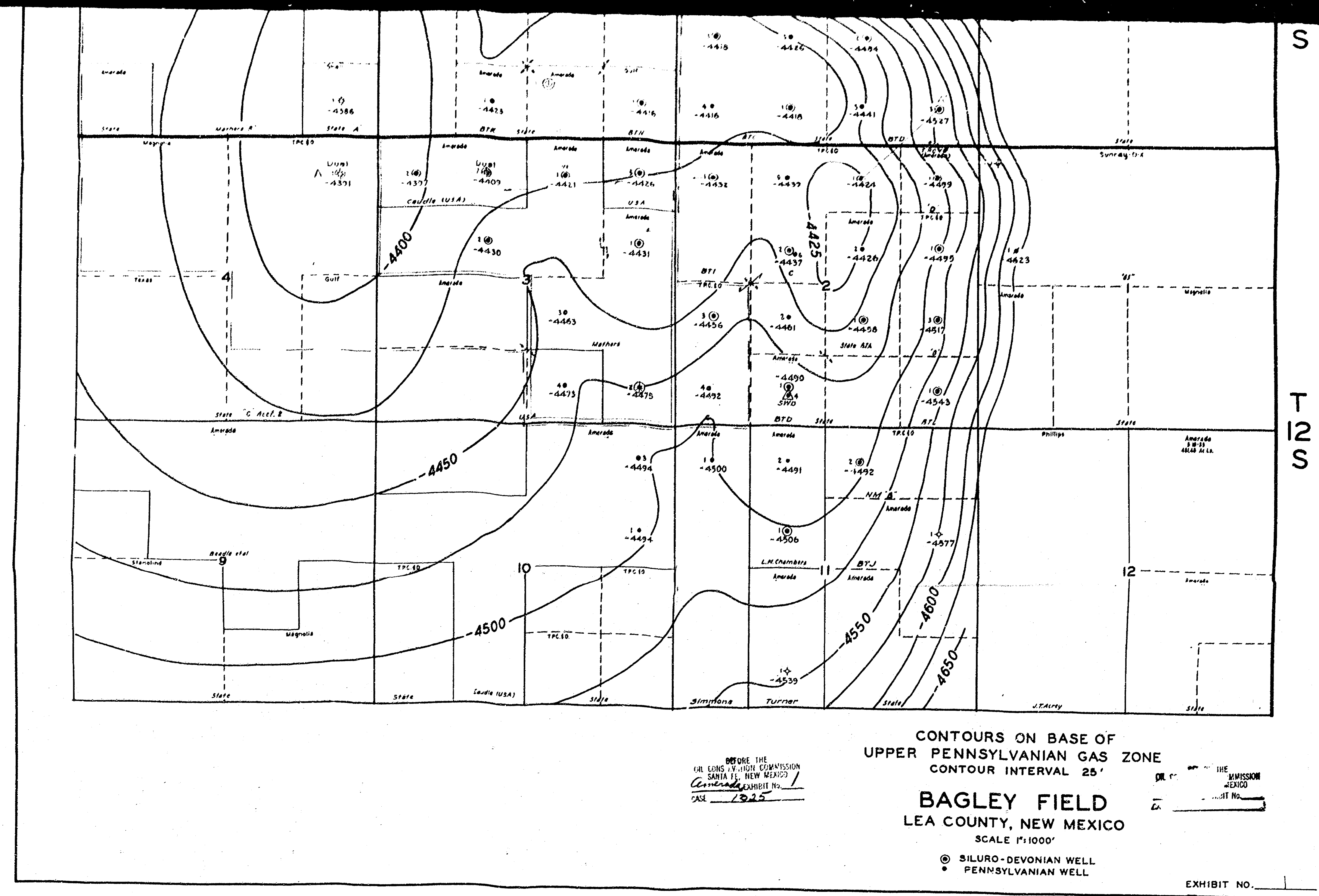
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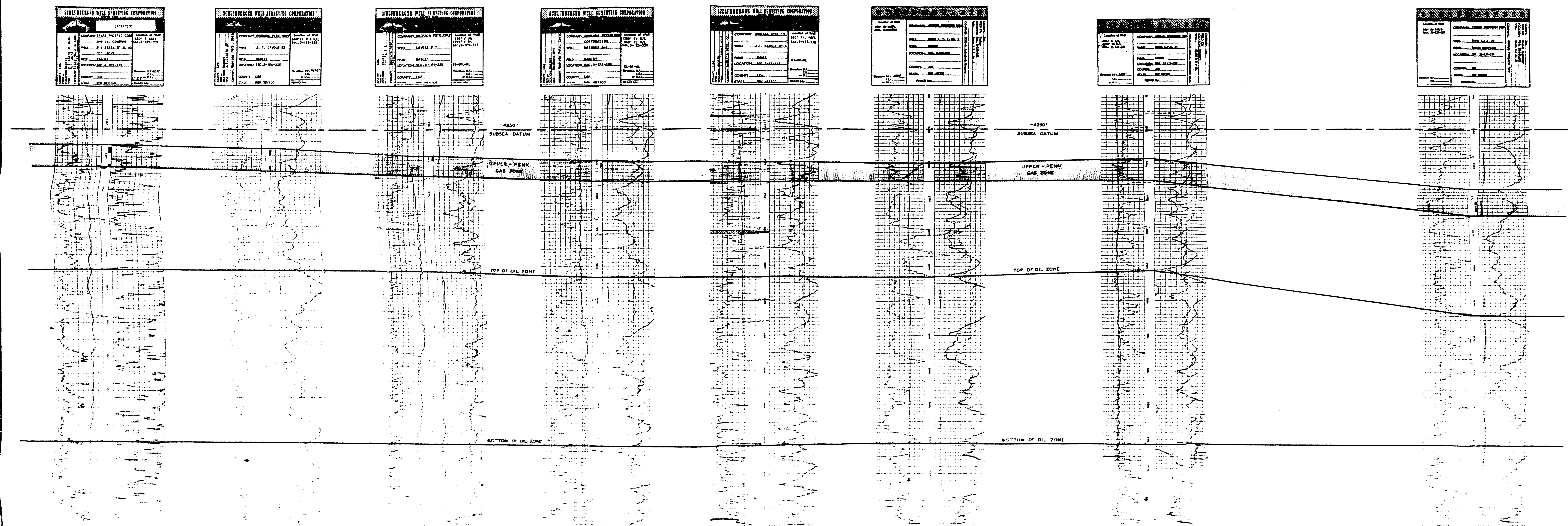
CONTOURS ON BASE OF
UPPER PENNSYLVANIAN GAS ZONE
CONTOUR INTERVAL 25

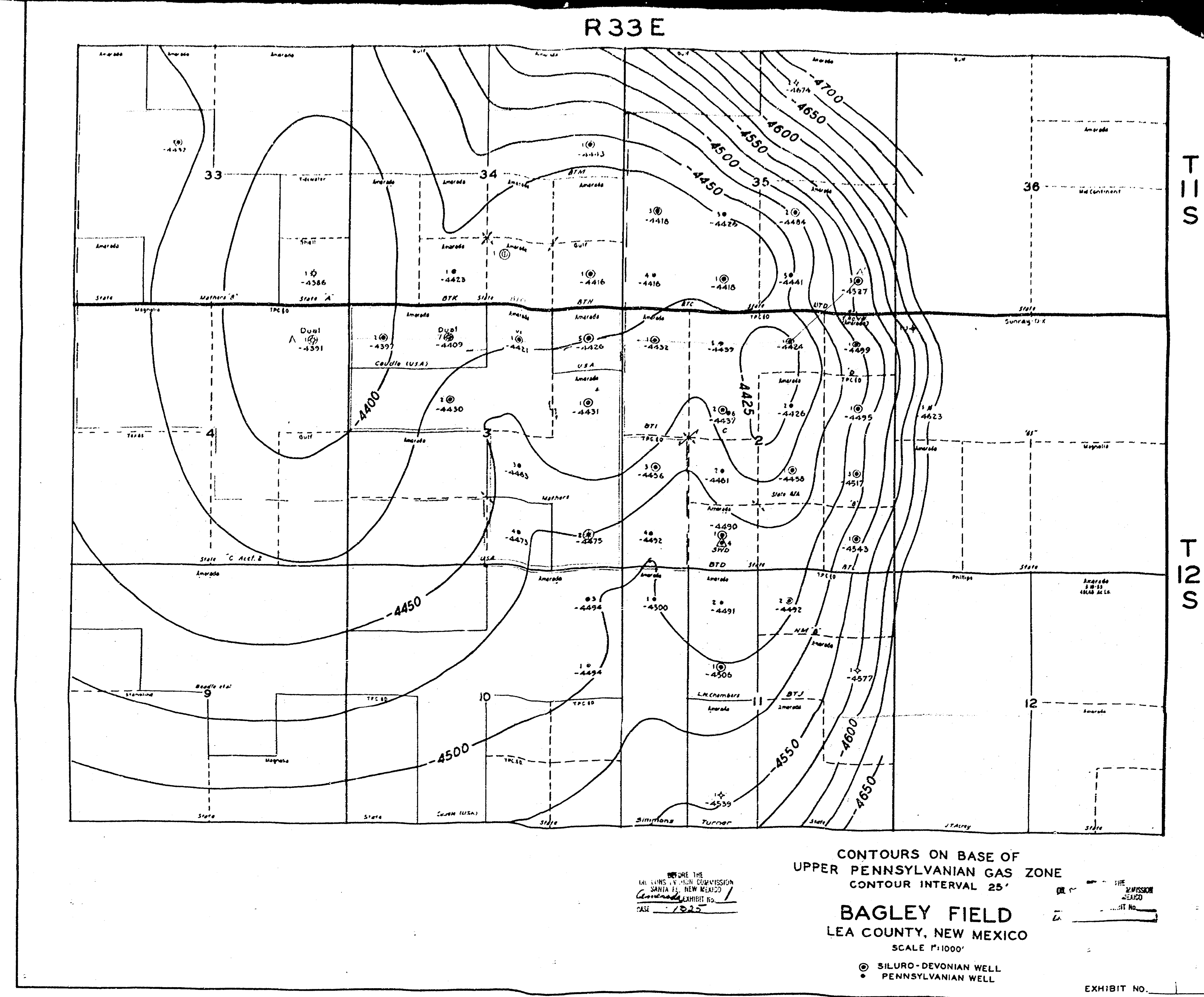
BAGLEY FIELD
LEA COUNTY, NEW MEXICO
SCALE 1"=2000 FEET

PENNSYLVANIAN WELLS
DEVONIAN WELLS



EAST-WEST ELECTRIC LOG CROSS-SECTION BAGLEY FIELD





EAST-WEST ELECTRIC LOG CROSS-SECTION BAGLEY FIELD

