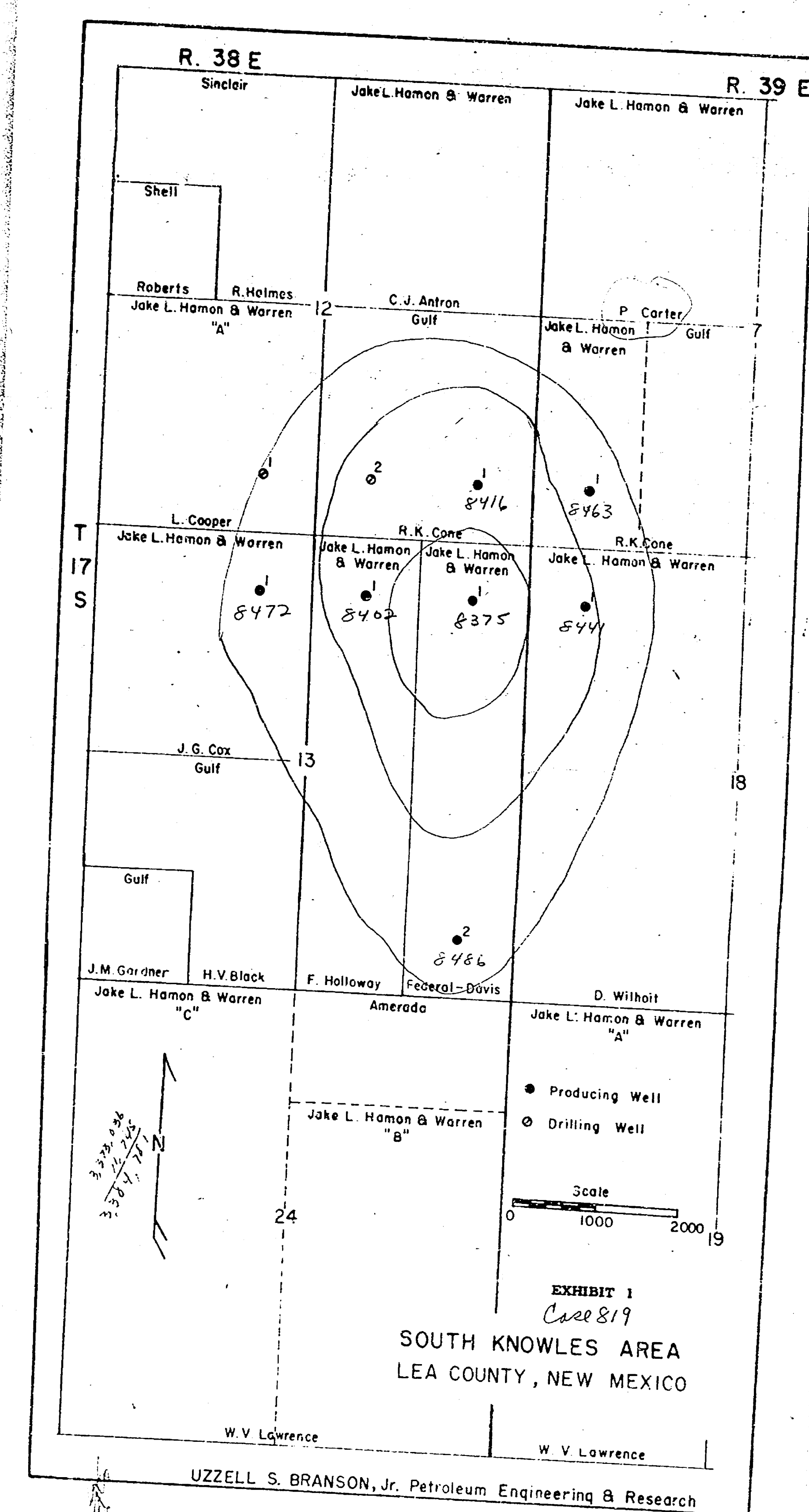
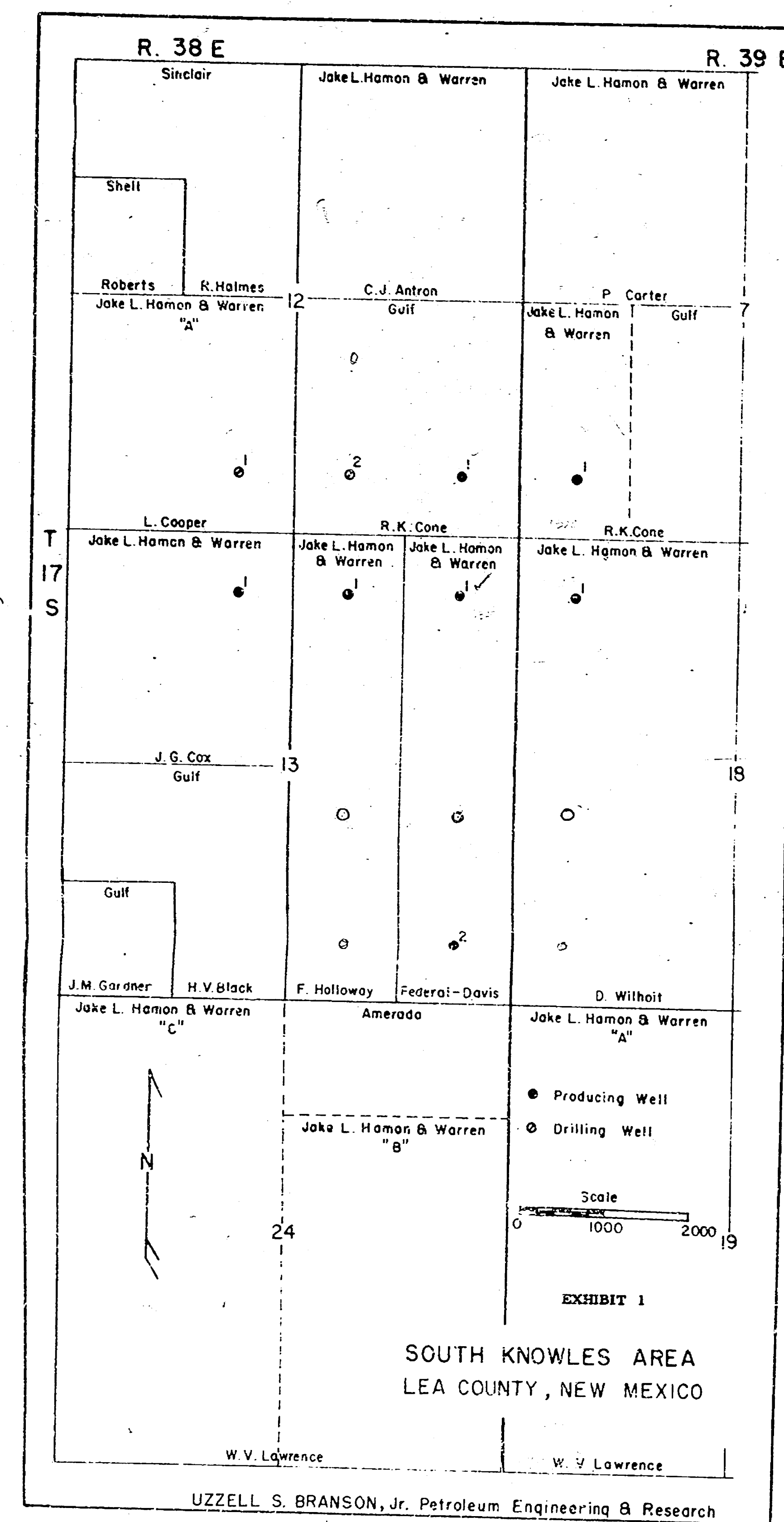
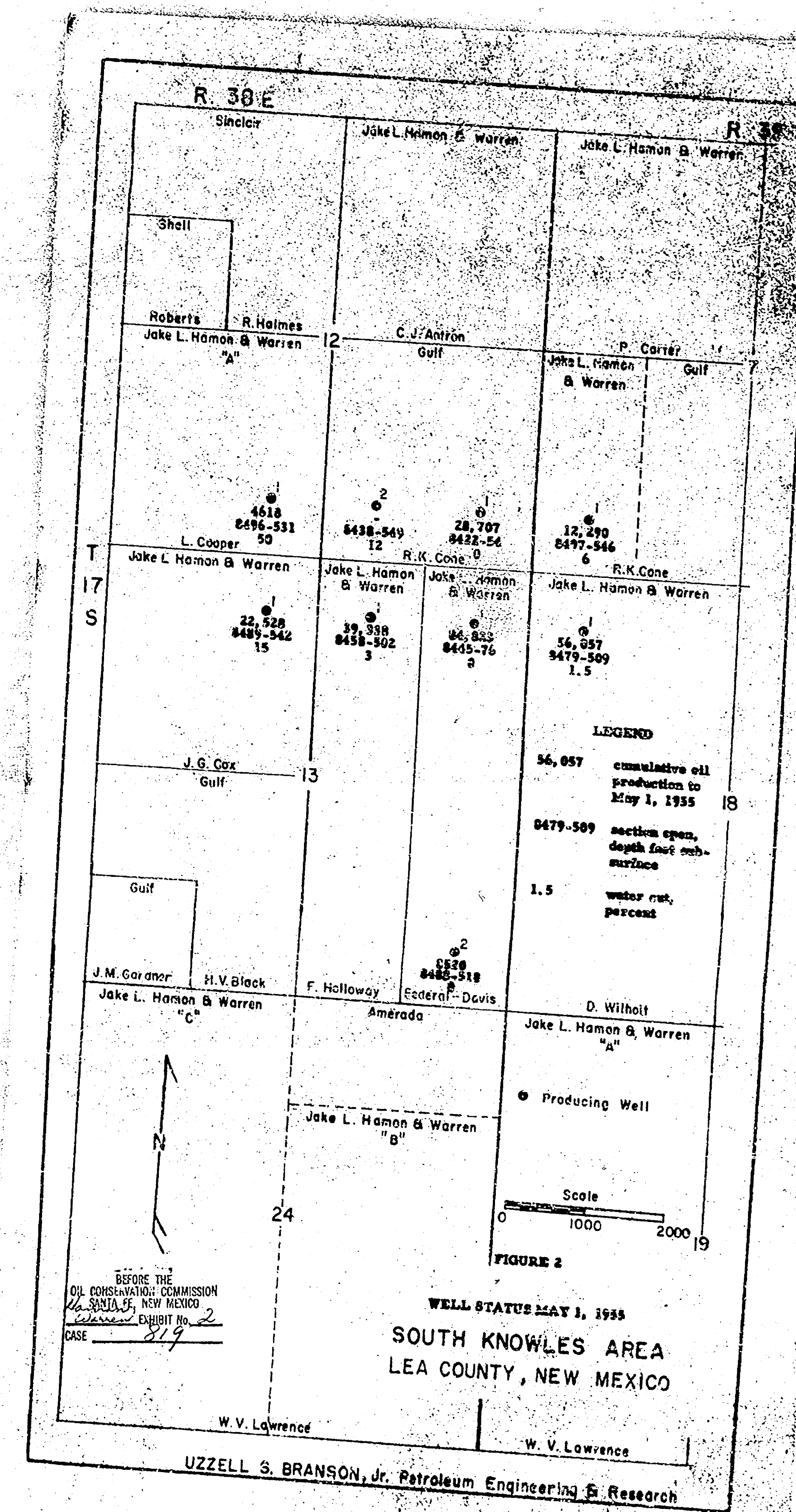
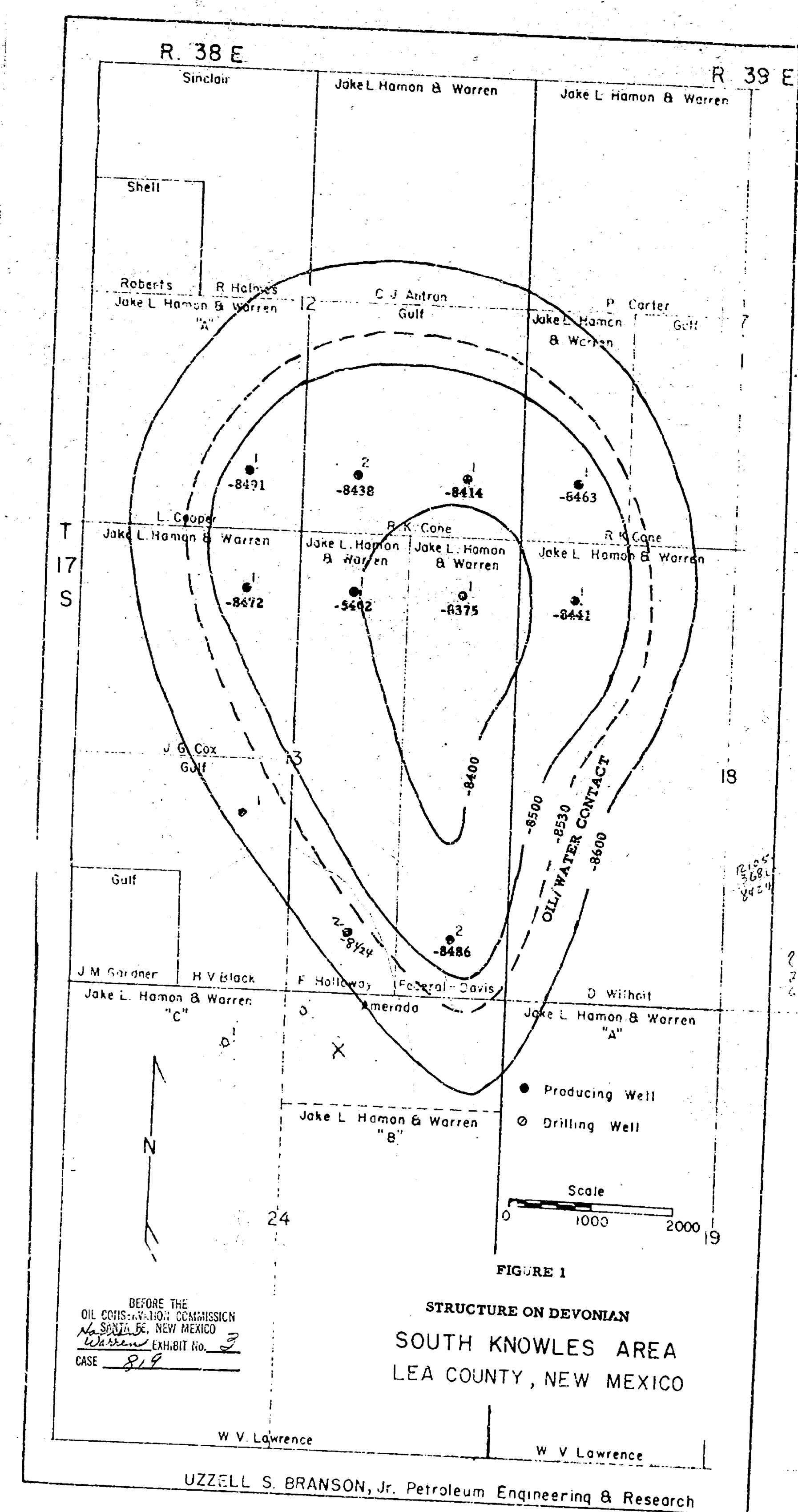


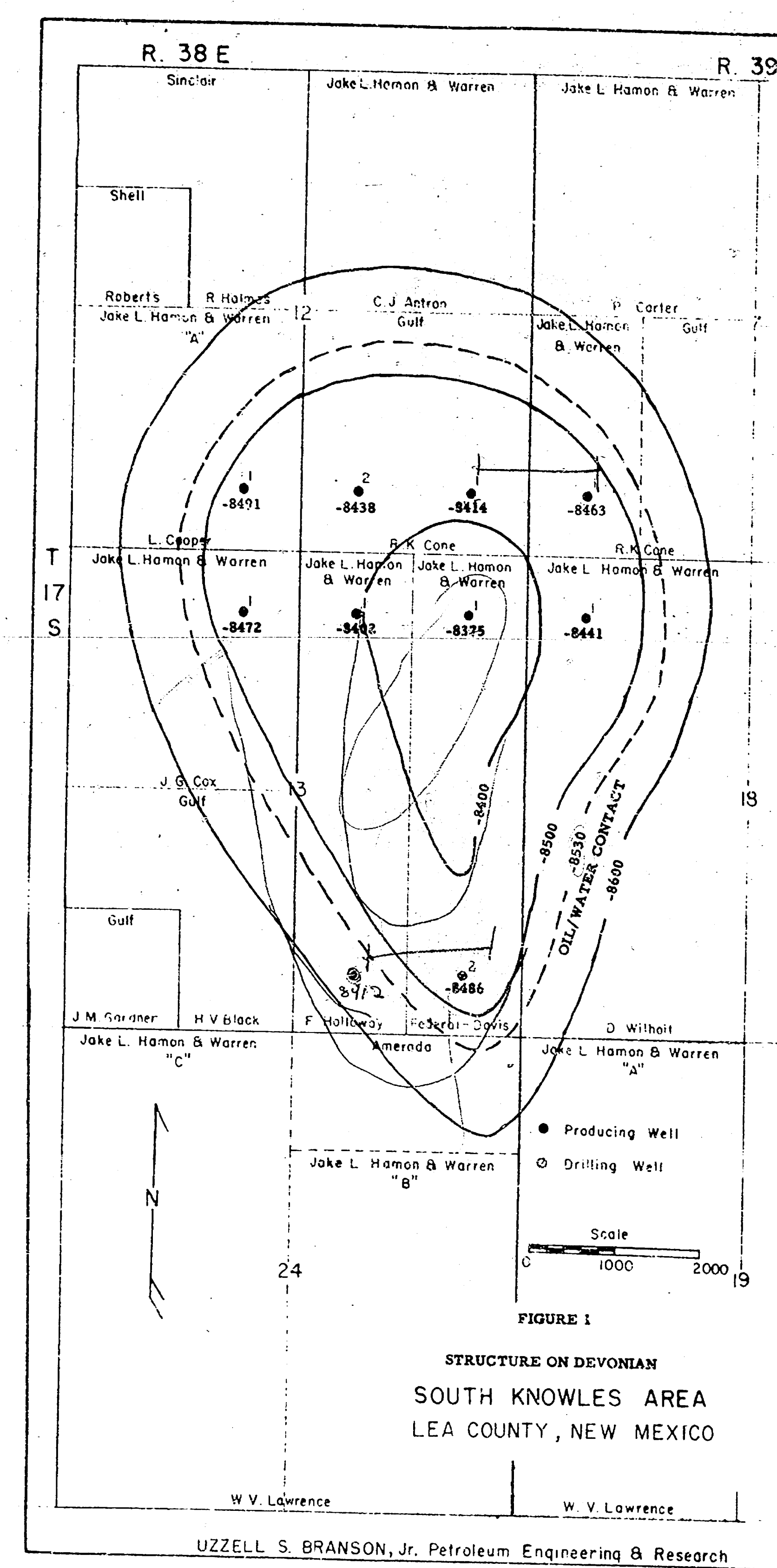
Case No.

87

Large Exhibits







CORE LABORATORIES, INC. Petroleum Research Engineering

COMPANY: JUNE L. HUNN
WELL: JUNE L. HUNN
FIELD: JUNE L. HUNN
LOCATION: JUNE L. HUNN

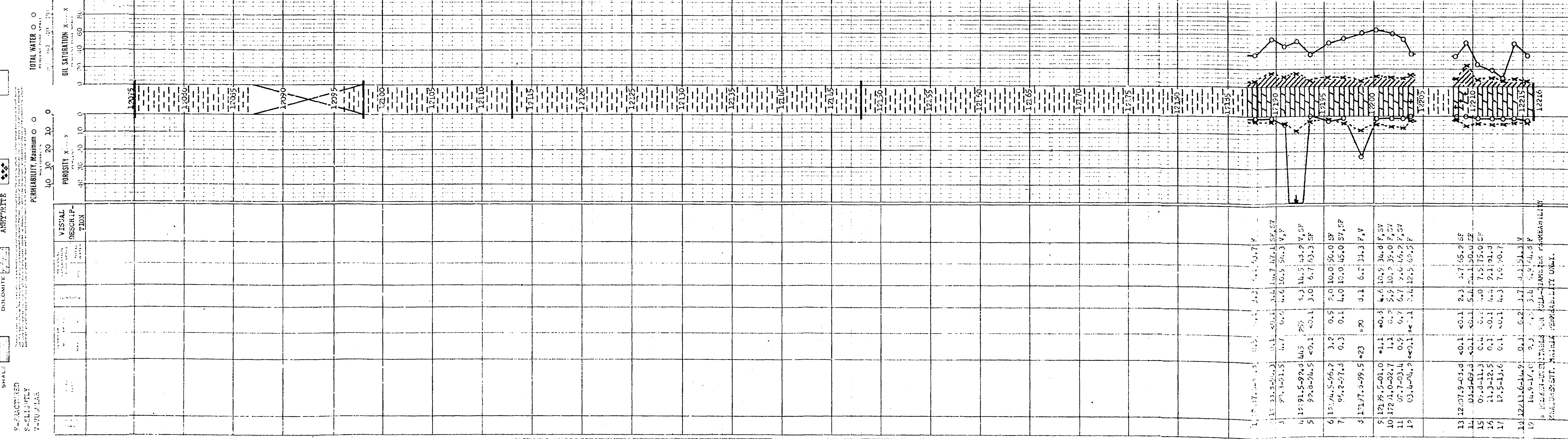
DATE OFF: 1-11-55
DATE ON: 1-11-55
FILE NO. LHM-105 S

ENGINEER: JUNE L. HUNN
LABORATORY: JUNE L. HUNN
ANALYST: JUNE L. HUNN

REMARKS: JUNE L. HUNN

Special Analysis

CORE REPORT



CORE LABORATORIES, INC. Petroleum Research Engineering

COMPANY: JUNE L. HUNN
WELL: JUNE L. HUNN
FIELD: JUNE L. HUNN
LOCATION: JUNE L. HUNN

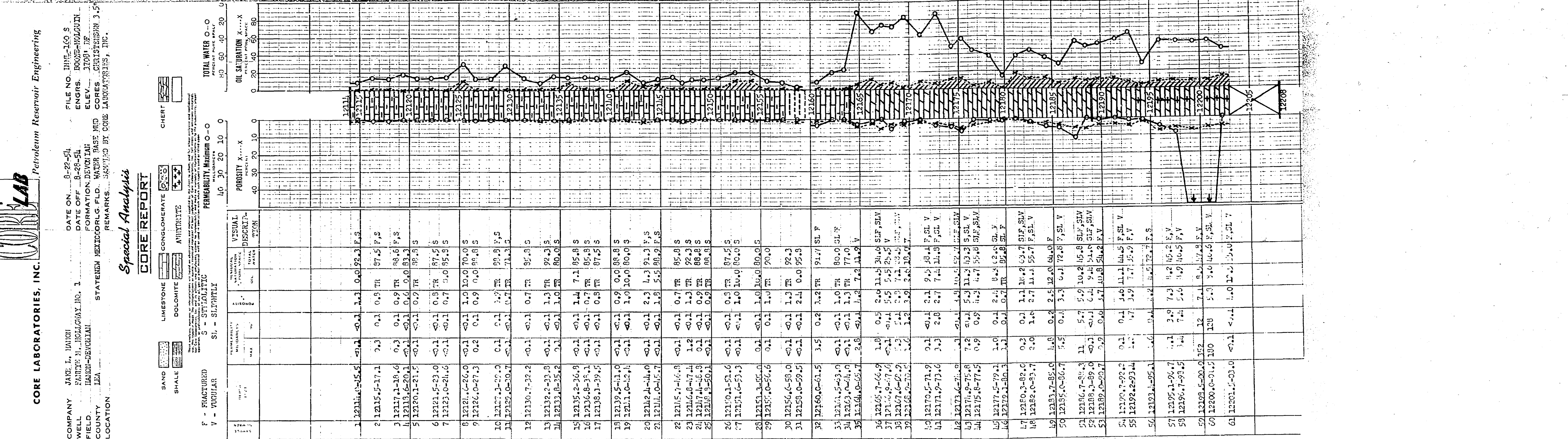
DATE OFF: 1-11-55
DATE ON: 1-11-55
FILE NO. LHM-105 S

ENGINEER: JUNE L. HUNN
LABORATORY: JUNE L. HUNN
ANALYST: JUNE L. HUNN

REMARKS: JUNE L. HUNN

Special Analysis

CORE REPORT



FORM 6.2

**CORE LABORATORIES, INC.** Petroleum Reservoir Engineering

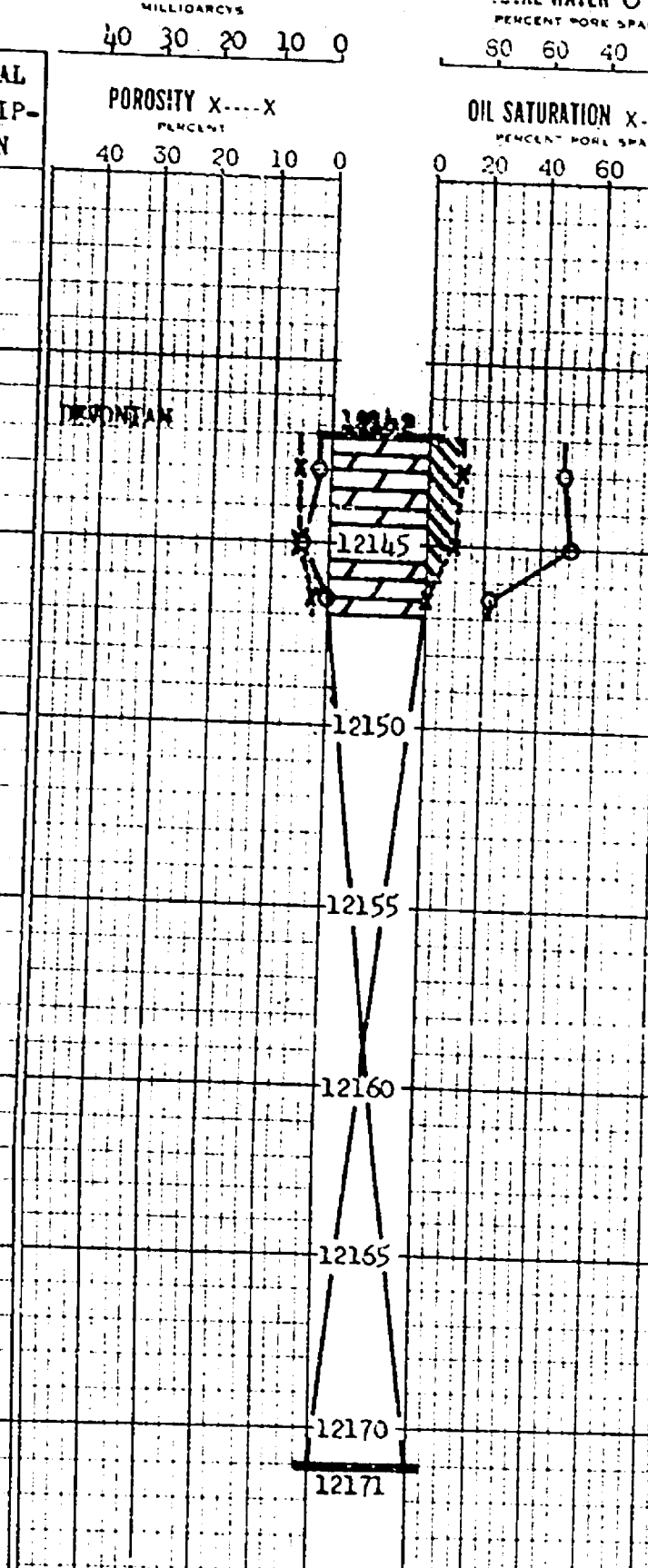
COMPANY JARE L. HANON DATE ON 5-11-54 FILE NO. 100-135.9
WELL FARMAL-TAYLOR NO. 1 DATE OFF 5-11-54 ENGRS. NIK
FIELD WILCOX FORMATION DEWOLIAN ELEV. 3695' DP
COUNTY LIA STAT 1034 RD 103 DRUG FLD. WATER BASE MUD CORES 10000 23"
LOCATION 10.38 S82. 13 T17S R38E REMARKS SIGNED BY CORE LABORATORIES, INC.

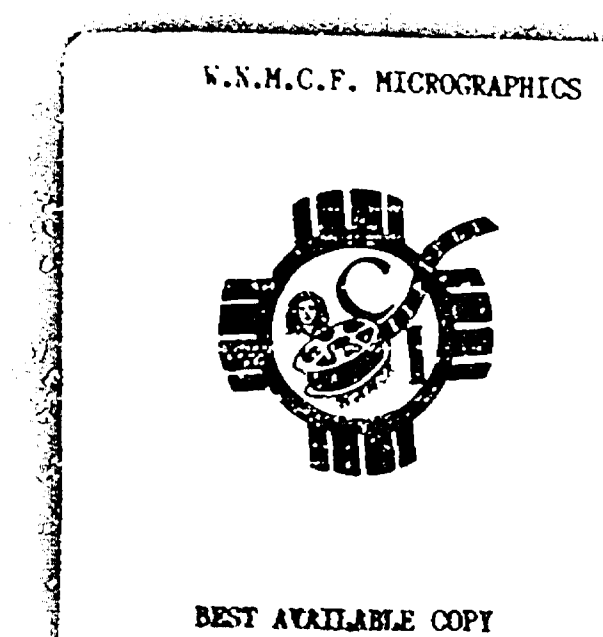
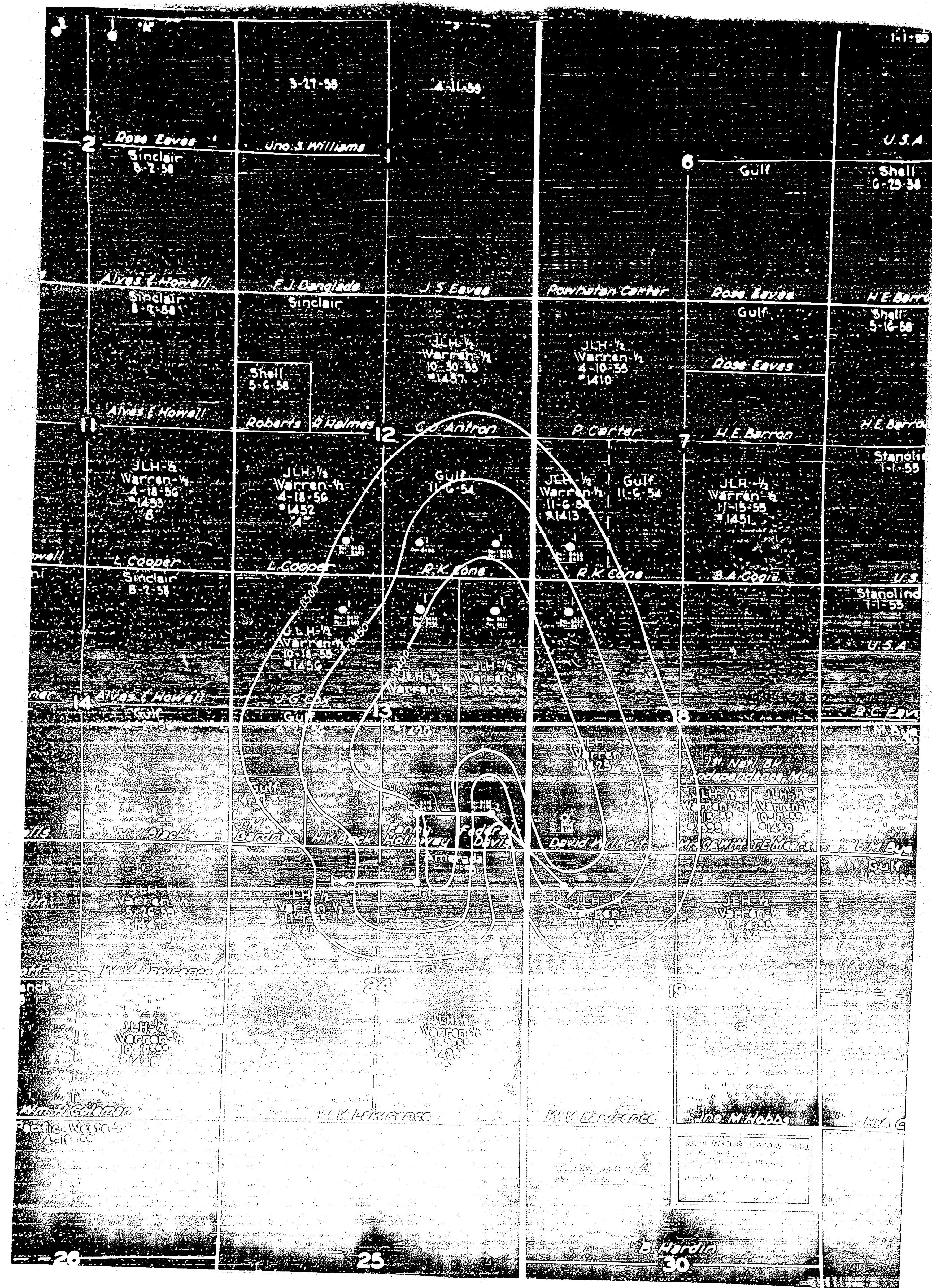
Special Analysis
CORE REPORT

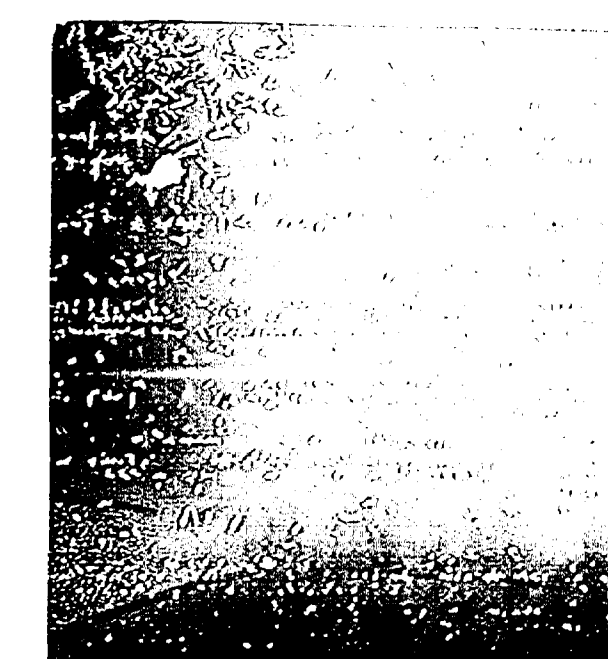
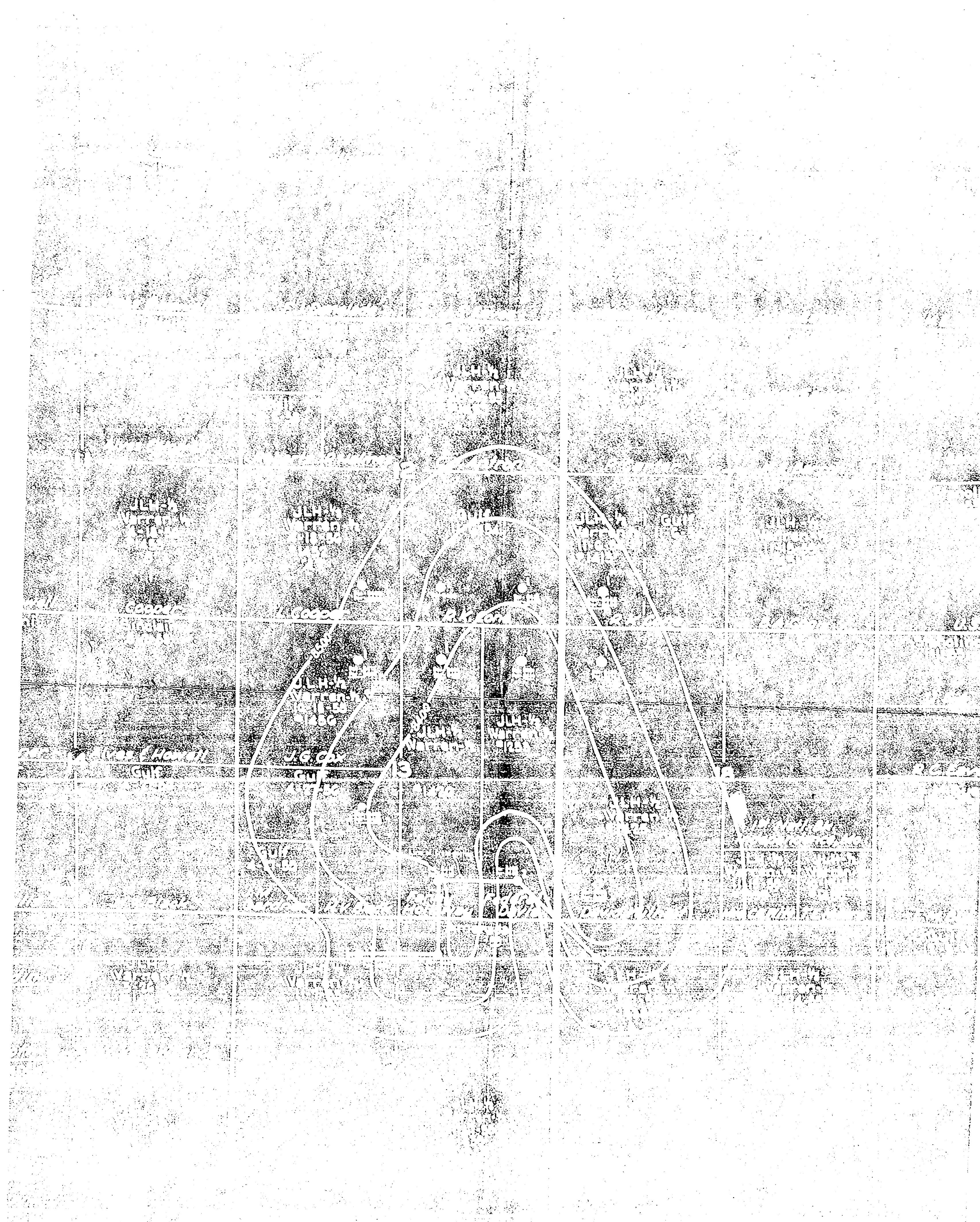
SAND ☒ LIMESTONE ☐ CONGLOMERATE ☐ CHERT ☐
SHALE ☐ DOLOMITE ☐

SL-SLIP/TLY Y-VIOULAR PERMEABILITY NUMBER 0-10 TOTAL WATER 0-10
F-FRACTURE

DEPTH FEET	PERMEABILITY Darcy	WATER SATURATION %	WATER CONTENT %	VISUAL DESCRIP- TION	POROSITY X-X	WATER SATURATION X-X
1. 12142.0-44.0	1.5	0.3	5.3	11.7 52.8 SLF Y		
2. 12144.0-46.0	4.2	1.8	5.3	5.4 45.1 SLF Y		
3. 12146.0-47.0	<0.1	<0.1	2.8	TR 73.6 SLF		







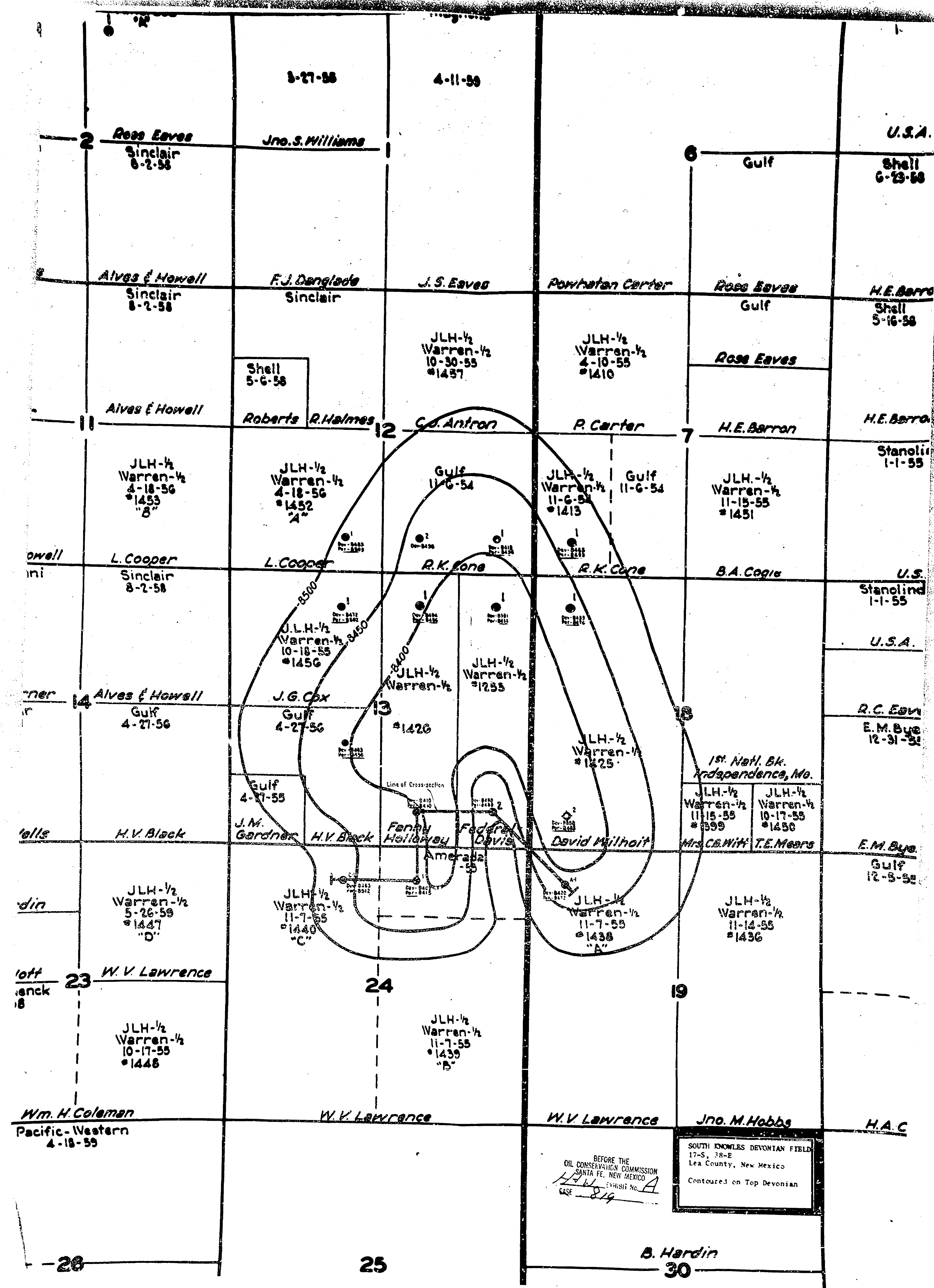


EXHIBIT 7
PRODUCTION HISTORY
SOUTH KNOWLES FIELD
LEA COUNTY, NEW MEXICO

Date	Number of Wells	Oil Production, Barrels	
		Daily	Cumulative
1954			
May	1	90	2,798
June	1	286	11,391
July	1	260	19,447
August	1	270	27,829
September	3	628 ¹	46,489
October	3	820 ¹	71,901
November	4	904 ¹	99,022
December	5	777 ¹	123,102

EXHIBIT 2
WELL DATA
SOUTH KNOWLES FIELD
LEA COUNTY, NEW MEXICO

Operator, Lease, Well Number	Completion Date	Total Depth (Schlumberger)	Completion Depth (Subsea)
Jake L. Hamon and Warren Petroleum Corp. - Federal Davis #1	5-54	12,174	8445-8476
Jake L. Hamon and Warren Petroleum Corp. - Federal Davis #2	1-55	12,290	8486-8518
Jake L. Hamon and Warren Petroleum Corp. - D. Wilhoit #1	9-54	12,554	8479-8509
Jake L. Hamon and Warren Petroleum Corp. - F. Holloway #1	9-54	12,213	8458-8502
Jake L. Hamon and Warren Petroleum Corp. - J. G. Cox #1	11-54	12,247	8489-8542
Jake L. Hamon and Warren Petroleum Corp. - R. K. Cone #1	12-54	12,238	8497-8517
Gulf Oil Corp. - R. K. Cone #1	12-54	12,151	8422-8454

EXHIBIT 3
RESERVOIR DATA
SOUTH KNOWLES FIELD
LEA COUNTY, NEW MEXICO

Number of Wells Cored and Analyzed	4
Total Feet of Permeable Productive Formation Analyzed	107
Permeability, 0 to 445 millidarcys, average	19.9
Porosity, 0.7 to 11.3 percent of bulk volume, average	4.1
Average Residual Oil Saturation, percent of pore space	8.1
Average Water Saturation, percent of pore space	50.9
Productive Thickness, percent of gross section (1)	25
Original Measured Reservoir Pressure, psig @ 8450 feet subsea (2)	4902
Saturation Pressure, psig	1155
Solution Gas-Oil Ratio, cubic feet per barrel residual oil	570
Reservoir Oil Viscosity, centipoises @ 182°F, 4900 psig	0.48
Formation Volume Factor, barrels reservoir per barrel residual	1.357
Estimated Comate Water Saturation, percent of pore space	21

(1) Section having over 1 millidarcy permeability, from analysis of entire section in Wilhoit #1.

(2) 36 hour shut in - no change in last 8 hours.

