Data prepared by: Symposium Committee
Affiliation: Roswell Geological Society
Date: 7-1-56

Field Name: Gladiola (Devonian)
Location: Tps. 12S, Rs. 37, 38E.
County & State: Lea County, New Mexico

DISCOVERY WELL: McAlester Fuel Company-Brownfield A #113 COMPLETION DATE: 9-20-50
PAY ZONE: Devonian: Pay section is a light tan, porous, vuggy dolomite. The average producing depth is 11,859 feet, with approximately 41 feet of perforations. The total pay section in the field is approximately 240 feet thick. Highest known water is at a datum of 8,121 feet below sea level.

TYPICAL CORE ANALYSIS OF A PAY INTERVAL IN THIS FIELD:

Perm. in millidarcys		% Porosity	Liquid Saturation (% of pore space)	
Horizontal	Vertical		Water	Oil
N.A.	N.A.	N.A.	N.A.	N.A.

OTHER SHOWS ENCOUNTERED IN THIS FIELD: San Andres formation of the Permian system: Oil stained core, oil and gas plus O&GGM on DST, approximately 700 feet in formation. Pennsylvanian: Cisco-1,786 feet oil on DST; Canyon: 18 BOPH on DST; Top Strawn O&GGM on DST.
TRAP TYPE: Anticline
NATURE OF OIL: Gravity 47° A.P.I.
NATURE OF GAS: N.A.
NATURE OF PRODUCING ZONE WATER: Not available Resistivity: ohm-meters @ °F.

	Total Solids	Na/K	Ca	Mg	Fe	SO_4	Cl	CO_2	HCO_3	OH	H_2S
ppm											

INITIAL FIELD PRESSURE: 4,786 psi. at a depth of 7,942 feet below sea level.
TYPE OF DRIVE: Water drive.
NORMAL COMPLETION PRACTICES: Pay section drilled or cored. Gamma-ray log run for entire hole, electric logs run from intermediate to T.D. Microlog of pay - the Wolfcamp section and part of Pennsylvanian. Production string set through pay zone (some open-hole) and perforated. Less than half of the wells were acidized and these with only 500 gals.

PRODUCTION DATA:

No. of wells @ yr. end				Production Oil in barrels Gas in MMCF		No. of wells @ yr. end				Production Oil in barrels Gas in MMCF	
Year	Type	Prod.	Shut in or Abnd.	Annual	Cumulative	Year	Type	Prod.	Shut in or Abnd.	Annual	Cumulative
1941	oil					1949	oil				
	gas						gas				
1942	oil					1950	oil	1		29,828	29,828
	gas						gas				
1943	oil					1951	oil	2		128,497	158,325
	gas						gas				
1944	oil					1952	oil	5		370,959	529,284
	gas						gas				
1945	oil					1953	oil	9		689,291	1,218,575
	gas						gas				
1946	oil					1954	oil	10		926,796	2,145,371
	gas						gas				
1947	oil					1955	oil	12		991,244	3,136,615
	gas						gas				
1948	oil					1956*	oil	12		351,080	3,487,695
	gas						gas				

* 1956 Figure is production to 5-1-56.

CASE NO. 9957

C. W. TRAINER EXHIBIT # 3

BEFORE EXAMINER STOGNER