

GRARIDGE, GULF & GREAT WESTERN
COOPERATIVE WATERFLOOD PROJECT
CAPROCK POOL, LEA CO., NEW MEXICO

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

EXHIBIT No. 1

CASE 1324

GR-RIDGE, GULF & GREAT WESTERN

COOPERATIVE PILOT WATERFLOOD PROJECT

CAPROCK POOL

LEA COUNTY, NEW MEXICO

OCTOBER 8, 1957

TABLE OF CONTENTS

	<u>PAGE</u>
TOTAL CAPROCK POOL MAP	I
PLAT OF OLD COMPLETELY DEPLETED PORTION OF POOL	II
TABULATED INJECTION AND PRODUCTION DATA FOR THE PILOT FLOOD AREA	III
MONTHLY PER WELL OIL PRODUCTION CURVES: GRARIDGE CORP. MALCO MAXWELL ST. "A" LEASE	IV
GRARIDGE CORPORATION LIVERMORE MAXWELL ST. "G" LEASE	V
GRARIDGE CORPORATION MANRY ST. "A" LEASE	VI
GULF OIL CORPORATION LEA ST. "A" LEASE	VII
GULF OIL CORPORATION LEA ST. "B" LEASE	VIII
GREAT WESTERN PRODUCING COMPANY ST. "Q" LEASE	IX
GREAT WESTERN PRODUCING COMPANY ST. "R" LEASE	X

GRARIDGE, GREAT WESTERN & GULF
COOPERATIVE PILOT WATERFLOOD PROJECT
CAPROCK POOL, LEA COUNTY, NEW MEXICO

Water Injection started April 15, 1957.

Date, Year, Month	Number Injection Wells	Average Injection Pressure	Average Daily Inj. Bbls/Well	Monthly Injection Total Bbls.	Accumulated Injection Barrels	No. Producing Wells - Pilot Area	Daily Avg. Oil Prod. Bbls/Well	Daily Avg. Water Prod. Bbls/Well	Total Producing Wells From Leases in Pilot Area	Monthly Oil Production Total From Leases in Pilot Area
1957 Apr	6	125	415*	37,324	37,324	11	2.4	0	15	1064
May	6	175	425	78,525	115,849	11	2.2	0	15	1036
Jun	6	225	467	84,001	198,890	11	2.4	0	15	1072
Jul	6	328	459	85,432	284,322	11	2.4	0	15	1131
Aug	6	368	461	85,801	370,123	11	2.5	0	15	1155
Sep	6	386	596	80,241	450,364	11	7.6	0	15	3397
Oct										
Nov										
Dec										

*Some trouble has been encountered on two of the six injection wells which brings the injection average to this figure. However, four of the wells have averaged the 500 to 600 BWPD which was the designed rate.

Below are listed the latest individual daily well production tests taken during the later half of September, 1957, on wells currently affected by the pilot flood. (Well tests as of 10-24-57)

Great Western St. "Q" #1	(44)	6.84	(Oil)	0	(Water)
Great Western St. "R" #2	(12)	10.14		0	
Great Western St. "R" #3	(12)	10.00		0	
Gulf Lea St. "A" #3	(2)	2.00		0	
Gulf Lea St. "B" #1	(90)	90.00		0	
Graridge Malco St. "A" #4	(4)	3.64		0	
Graridge Malco St. "A" #6	(4)	3.64		0	
Graridge Malco St. "A" #2	(-)	-		-	
Graridge Liv. Max. St. "G" #1	(-)	-		-	
Graridge Liv. Max. St. "G" #6	(110)	18.52		0	
Graridge Manry St. #1	(4)	2.77		0	
Graridge Caprock St. #5	(1)	1.24		0	

(Pumping fluid level at 1900'--unable to completely test well because of allowable & storage)

(Temporarily shut in--old air input well)
(Reworking well--setting liner in bottom)

Total (285) 178.79 (Oil) 0 (Water)