

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Exhibit No. 4

CASE 891
8-19-54

COMPLETION DATA
FOWLER FIELD
LEA COUNTY, NEW MEXICO

LEASE & WELL		ELEV.	TOP OF ELLENBURGER	TOTAL DEPTH	CASING SEAT	COMPLETION INTERVAL	STIMULATION	DATE COMPLETED	POTENTIAL TEST	
									BOPD	GOR
STANOLIND OIL AND GAS COMPANY										
South Mattix Unit No. 1										
No. 1	3259	-6246	-6446	-6227	Open Hole	A/10,500	5-20-49	383	974	
No. 2	3276	-6666	-7029	-6974	Open Hole	Natural	4-12-50	564	835	
No. 3	3262	-6656	-6823	-6645	Open Hole	Natural	12-12-50	350	805	
No. 4	3266	-6534	-7004	-6876	Open Hole	A/5000	4-20-51	455	981	
No. 5	3247	-6483	-7903TD	-7180	Open Hole	A/7500	12-6-51	315	572	
			-7073PB							
No. 6	3279	-6763	-7265TD	-7264	-7041 to -7081	A/500	4-27-52	238	855	
			-7201PB							
No. 7	3273	-6885	-7488TD	-7349	-7167 to -7217	A/500	9-18-52	208	930	
			-7257PB							
No. 8	3246	-6449	-7049	-6755	Open Hole	Natural	1-13-53	376	587	
No. 9	3267	-6788	-7171TD	-7009	-6791 to -6815	A/10,000	8-19-53	153	1087	
			-6973PB		-6885 to -6921					
					-6949 to -6953					
No. 10	3248	-7097	-7277TD	-7277	-7102 to -7166	A/12,500	9-8-53	99 BOPD	770	
			-7237PB					33 BOPD		
HUMBLE OIL AND REFINING COMPANY										
State "AB" No. 1										
	3280	-6985	-7482TD	-7482	-7330 to -7360	A/1000	9-27-52	550	916	
			-7401PB							
GULF OIL CORPORATION										
Carr No. 5										
	3261	-7019	-7309TD	-7308	-7039 to -7089	Natural	3-26-53	640	724	
			-7215PB		-7109 to -7189					
Illie No. 1	3237	-6523	-7051TD	-7050	-6838 to -6913	Natural	11-15-52	134	725	
			-6964PB							
Plains-Knight No. 1	3237	-6398	-7957TD	-7162	-6383 to -6533	A/10,000	7-29-53	1130	410	
			-7113PB		-6573 to -6653					
					-6703 to -6733					
					-6773 to -6983					
					-7023 to -7103					

Handled EXHIBIT NO. 6

CASE 391

8-18-57

FOWLER FIELD
BOTTOM HOLE PRESSURES

Pool Datum -6980 Nominal Shut-in Time 48 Hrs.

OCTOBER AND NOVEMBER, 1953

COMPANY LEASE	WELL UNIT	S.T.R.	DATE PRESS. RUN (1953)	TIME S.I. HRS/MIN.	B.H.P. @ FIELD DATUM
GULF OIL CORP.					
Carr	5 N	10-24-37	11-23	55/00	2877
Knight	1 L	23-24-37	11-23	50/00	2936
Lillie	1 D	23-24-37			
HUMBLE OIL & RFG. CO.					
State "AB"	1 H	16-24-37			
STANOLIND OIL & GAS CO.					
Mattix	1 J	15-24-37	10-5	49/00	3043
"	2 N	"	"	51/00	3040
"	3 B	"	10-7	947/Days	3058
"	4 F	"	10-5	53/00	3030
"	5 H	"	10-7	53/30	2940
"	6 L	"	"	52/45	3000
"	7 D	"	"	50/40	3018
"	8 P	"	10-15	51/55	2990
"	9 B	"	"	48/00	2458

APRIL, 1954

COMPANY LEASE	WELL UNIT	S.T.R.	DATE PRESS. RUN (1954)	TIME S.I. HRS/MIN.	B.H.P. @ FIELD DATUM
GULF OIL CORP.					
Carr	5 N	10-24-37	4-20	49/15	2744
Knight	1 L	23-24-37	4-20	51/15	2673
Lillie	1 D	23-24-37	4-20	48/45	2668
HUMBLE OIL & RFG. CO.					
State "AB"	1 H	16-24-37	4-8	52/00	2738
STANOLIND OIL & GAS CO.					
Mattix	1 J	15-24-37	4-5	53/40	2709
"	2 N	"	"	48/30	2715
"	3 B	"	4-1	1123/days	2745
"	4 F	"	4-5	50/00	2703
"	5 H	"	"	54/30	2597
"	6 L	"	"	49/20	2715
"	7 D	"	"	51/00	2712
"	8 P	"			
"	9 B	"	4-5	168/00	2356

DATE

EXHIBIT NO.

CASE

EXHIBIT "C"

PERTINENT WELL DATA

	<u>Schenck No. 1</u>	<u>Ward No. 1</u>	<u>Ward No. 2</u>
Location	660' F NL & 477.18' F EL Section 14, T13S, R38E	660' F SL & 660' F WL Section 11, T13S, R38E	1983' F SL & 520' F EL Section 11, T13S, R38E
Spudded	11-21-52	4-7-53	7-7-53
Completed	4-4-53	7-3-53	9-24-53
Elevation (DF)	3810'	3809'	3810'
Top Devonian	11,387'	11,670'	11,566'
Top Pay	11,387'	11,670'	11,566'
Oil String	7" at 11,411' 5" liner 12,030'	5½" set at 11,725'	5½" set at 11,650'
Perforations	11,420-11,515' 11,535-11,615' 11,700-11,780'	open hole	open hole
Total Depth	12,548' P.B. 11,780'	11,890'	11,871'
Acidized	11,420-11,780' w/5000 gals.	11,725-11,890' w/1000 gals.	11,650-11,871' w/1000 gals.
Potential Test	560 bbls. in 24 hrs. 3/4" choke, GOR 205 Gravity 43.5° API	1598 in 24 hrs. based on 6 hr. test 1/2" choke, GOR 125 Gravity 43.9° API	1744 bbls. in 24 hrs. based on 8 hr. test 1/2" choke, GOR 113 Gravity 45° API
Reservoir Pressure at -8000'	6-18-53 4788# 9-28-53 4767#	9-28-53 4768#	10-3-53 BHP 4771#
Original Pressure 4789# Weems #1, 11-24-52			

BOTTOM HOLE PRESSURES
FOWLER (ELLENBERGER) FIELD
LEA COUNTY, NEW MEXICO

November, 1952 Survey

<u>Operator</u>	<u>Well and Lease Number</u>	<u>Bottom Hole Pressure</u> <u>PSIA at Datum (-6359)</u>
Humble Oil & Refining Company	State A-B No. 1	3256
Stanolind Oil and Gas Company	So. Mattix Unit No. 1	3470
Stanolind Oil and Gas Company	So. Mattix Unit No. 2	3478
Stanolind Oil and Gas Company	So. Mattix Unit No. 3	3495
Stanolind Oil and Gas Company	So. Mattix Unit No. 4	3480
Stanolind Oil and Gas Company	So. Mattix Unit No. 5	3452
Stanolind Oil and Gas Company	So. Mattix Unit No. 6	3480
Stanolind Oil and Gas Company	So. Mattix Unit No. 7	3390

April, 1953 Survey

Gulf Oil Corporation	Carr No. 5	3230
Gulf Oil Corporation	Lillie No. 1	3198
Humble Oil & Refining Company	State A-B No. 1	3179
Stanolind Oil and Gas Company	So. Mattix Unit No. 1	3183
Stanolind Oil and Gas Company	So. Mattix Unit No. 2	3161
Stanolind Oil and Gas Company	So. Mattix Unit No. 3	3145
Stanolind Oil and Gas Company	So. Mattix Unit No. 4	3161
Stanolind Oil and Gas Company	So. Mattix Unit No. 5	3130
Stanolind Oil and Gas Company	So. Mattix Unit No. 6	3177
Stanolind Oil and Gas Company	So. Mattix Unit No. 7	3149
Stanolind Oil and Gas Company	So. Mattix Unit No. 8	3177

H 7 2 *Close # 391*

INITIAL COMPLETION PRESSURES
 FOWLER (ELLENBERGER) FIELD
 LEA COUNTY, NEW MEXICO
DATUM (-6359)

<u>Operator</u>	<u>Lease and Well Number</u>	<u>Initial Completion Press. PSIA</u>	<u>Date Pressure Taken</u>
Stanolind Oil and Gas Company	S.M.U. #6	3650	5-23-52
Stanolind Oil and Gas Company	S.M.U. #7	3407	11-7-52
Gulf Oil Corporation	Lille #1	3433	11-25-52
Gulf Oil Corporation	S.J. Carr #5	3244	4-7-53
Stanolind Oil and Gas Company	S.M.U. #8	3198	4-8-53

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