

CROSS SECTION A-A'

ILLUSTRATING PAY ZONE DEVELOPMENT

STATE "D" TRACT 14 AREA

JALMAT FIELD

BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CASE 991 EXHIBIT No. 2

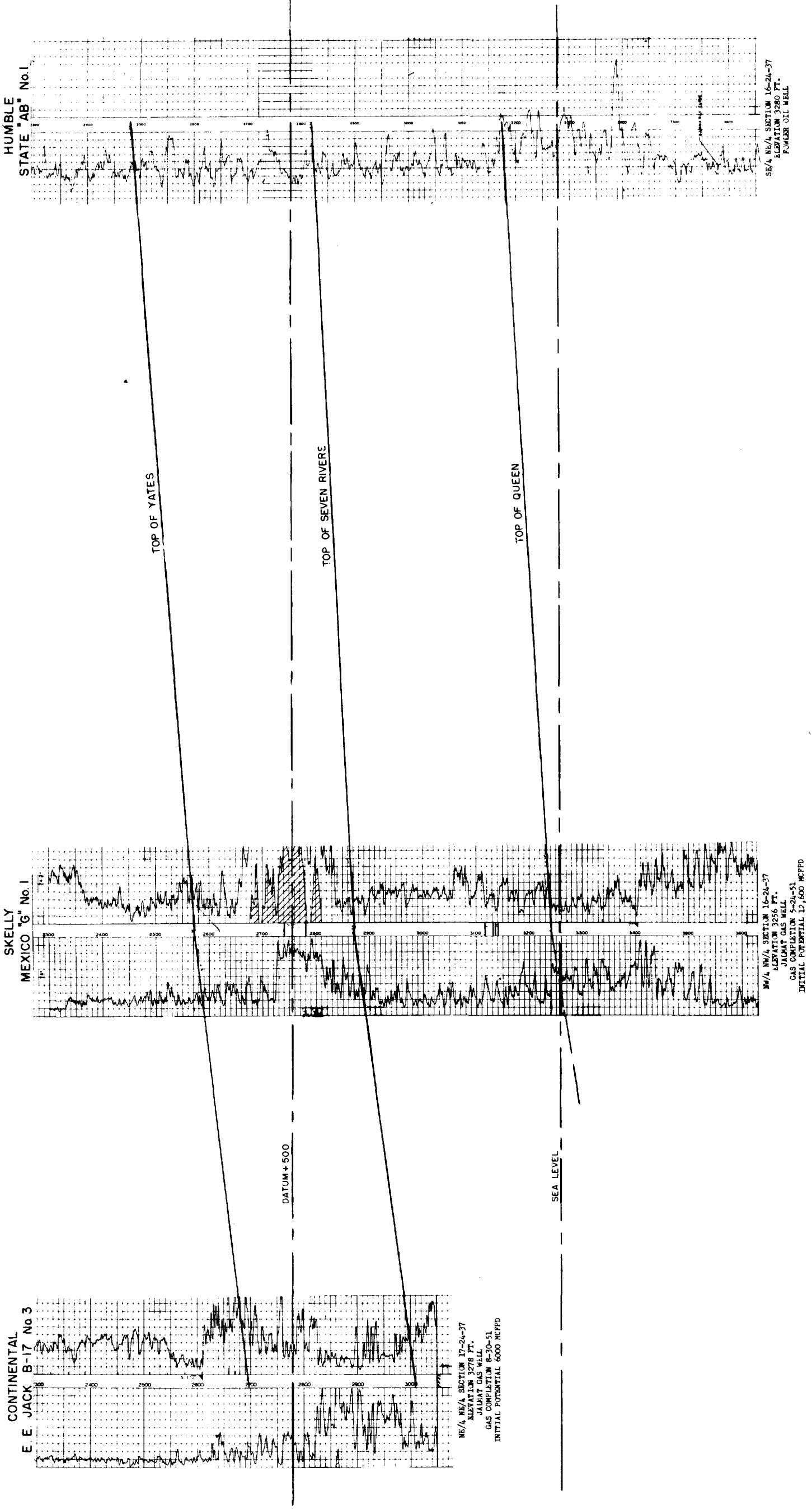


TABLE I
JALMAT GAS WELL COMPLETION DATA
STATE "D" TRACT 14 AREA
LEA COUNTY, NEW MEXICO

S-T-R	OPERATOR, LEASE & WELL	ELEVATION	GAS COMPLETION	TYPE WELL	TYPE COMPLETION	COMPLETION INTERVAL	STIMULATION	INITIAL POTENTIAL TEST DATA		
								METHOD	MCFGPD	SIWHP
8-24-37 NW/4 NE/4	R. Olsen (Personal)-Hodges No. 2	3286	8-23-54	Single	Open Hole	2800-3080	None	Open Flow (est.)	20,000	1225
8-24-37 NE/4 SE/4	Amerada - O. M. Hodges No. 1	3283	4-3-53	Dual	Perforated	2857-2950 2990-3065	A/1500 gal.	Open Flow	3,200	NR
9-24-37 SW/4 NW/4	Sinclair - Fowler Hair No. 2	3267	9-1-38	Single	Open Hole	3143-3560	None	Open Flow (est.)	24,000	NR
16-24-37 NW/4 NW/4	Skelly - Mexico "G" No. 1	3256	5-24-51	Dual (Oil zone SI)	Perforated	2740-2780 3116-3131 3135-3140	NR	Open Flow (est.)	12,600	1060
16-24-37 SE/4 SW/4	Gulf - J. R. Holt "A" No. 2	3245	10-2-55	Dual	Perforated	2650-2700 2760-2830 2885-2945	A/500 gal. SF/6000 gal.	Del. @ 320#	3,970	NR
17-24-37 NE/4 NE/4	Continental - E. E. Jack B-17 No. 3	3278	8-30-51	Single	Open Hole	2609-3050	None	Open Flow	6,000	1163
20-24-37 SW/4 NE/4	Continental - E. E. Jack A-20 No. 4	3280	5-18-50	Single	Perforated	2988-3030 3050-3068 Jet 4 SPF 2986-3040 3050-3080 3105-3135 Gun 1 SPF	NR	Open Flow	7,200	NR
21-24-37 NE/4 SW/4	Texas Co. - J. F. Black No. 2	3227	10-11-46	Single	Perforated	2926-2950	None	Open Flow	2,500	NR
21-24-37 SW/4 SE/4	El Paso - Shell Black No. 2	NR	3-21-51	Single	Perforated	2898-2937 2955-2986 3018-3076	A/500 gal. None HF/NR (Workover 4-19-51 increased open flow from 210 to 930 MCFPD, NR on details)	Del. @ 250#	180	NR

Note: NR - No Record

TABLE II
JAIMAT GAS WELL TEST DATA
STATE "D" TRACT 14 AREA
LEA COUNTY, NEW MEXICO

DELIVERABILITY TEST DATA *				
DATE	Q	Pc	Pw	D
9-1-54	4 Point Test - 24 hr. SIMHP 1177 psig			
	1st Point 8449 MCFPD TP 663 psig CP 962 psig			
	2nd Point 6886 MCFPD TP 787 psig CP 982 psig			
	3rd Point 5136 MCFPD TP 882 psig CP 1016 psig			
	4th Point 3160 MCFPD TP 978 psig CP 1050 psig			
	Calc. Open Flow 25,800 MCFPD			
6-12-55	Flw. 1515 MCFPD against 444 psi line pressure w/WHP			456 psi
6-13-55	Flw. 1738 MCFPD against 366 psi line pressure w/WHP			386 psi
6-12-54	1602	459.2	TP 365.2 CP 388.2	367.4 1939
6-19-54	1230	935.2	TP 764.2 CP 955.2	748.2 1953
10-2-55	Deliverability at 320 psi of 3,970 MCFPD			
6-19-54	1666	1034.2	CP 848.2	827.4 1800
6-19-54	260	254.2	CP 79.2	203.4 122
6-19-54	746	945.2	CP 601.2	756.2 494
6-19-54	468	875.2	TP 534.2	700.2 297

OPERATOR, LEASE & WELL

R. Olsen (Personal) - Hodges No. 2

Amerada - O. M. Hodges No. 1

Sinclair - Fowler Hair No. 2

Skelly - Mexico "G" No. 1

Gulf - J. R. Holt "A" No. 2

Continental-E. E. Jack B-17 No. 3

Continental-E.E. Jack A-20 No. 4

Texas Co. - J. F. Black No. 2

El Paso - Shell Black No. 2

* Q = Actual flow at WHP (Pw) MCFPD @ 15.025 psia and 60° F

Pc = 72-hr. WHSIP (psia)

Pd = Deliverability pressure (80% WHSIP - psia)

Pw = Static wellhead flowing pressure (psia)

D = Deliverability in MCFPD at deliverability pressure @ 15.025 psia and 60° F

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TABLE III
JALMAT GAS WELL PRODUCTION DATA
STATE "D" TRACT 14 AREA
LEA COUNTY, NEW MEXICO

Present Unit Size Acres	Operator, Lease & Well	Gas Purchaser	1955 Production Data - MCF										11-1-55 Over or Under Status	11-1-55 Cumulative Gas Production
			Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.		
160	R. Olsen (Personal) - Hodges No. 2	EPNG Co.	6,997	324	6,000	Zero	Zero	1,270	Zero	Zero	Zero	Zero	+ 5,191	63,617
160	Amerada - O. M. Hodges No. 1	PBPL Co.	Zero	Zero	Zero	17,675	38,496	46,475	43,569	1,322	Zero	9,913	-39,982	254,126
80	Sinclair - Fowler Hair No. 2	EPNG Co.	9,523	132	5,819	2,559	16,849	6,816	3,007	3,088	2,564	13,214	-10,659	1,653,179
160	Skelly - Mexico "G" No. 1	EPNG Co.	38,919	4,906	4,964	23,767	31,242	10,847	753	29,260	42,962	14,143	+19,661	1,033,995
280 (Proposed)	Gulf - J. R. Holt "A" No. 2	PBPL Co.										New Well	-	-
160	Continental - E. E. Jack B-17 No. 3	EPNG Co.	19,345	29,847	7,709	14,990	15,639	38,110	3,085	Zero	Zero	37,342	- 4,387	1,075,951
240	Continental - E. E. Jack A-20 No. 4	EPNG Co.	8,156*	7,166*	7,809*	6,291*	7,867*	7,611*	7,784*	7,119*	7,482*	7,939*	Marginal	408,554
200	Texas Co. - J. F. Black No. 2	EPNG Co.	10,264	337	28,017	20,899	40,053	36,803	24,809	12,067	11,130	8,219	-67,951	1,855,933
120	El Paso - Shell Black No. 2	EPNG Co.	15,452	5,150	23,958	8,089	156	2,373	19,519	18,971	17,081	16,362	+ 625	609,503

* - Marginal Classification