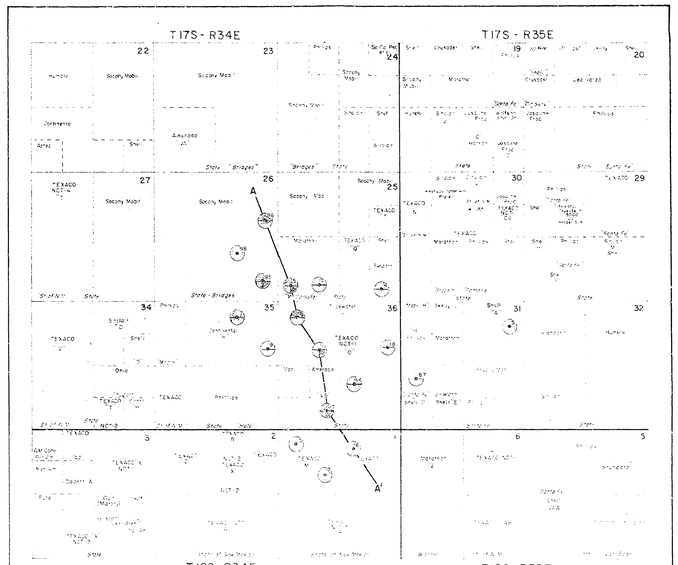
Case No.
2740
Large Exhibits



N

—LEGEND—

- Devonian Producers
- Wolfcamp Producers
- Abo Producers

Docket No. 6-64 Case No. 2739, 2740, & 2741

Exhibit No. 1 Date: February 19, 1964

TEXACO Inc.

Hobbs District

Lease Ownership Map & Trend of Cross-section

Vacuum Devonian, Wolfcamp, & North Abo Fields

Lea County, New Mexico

Contoured Horizon:

Contour Interval:

Drawn By: J.M.W.-Dr. Date: February 12, 1964

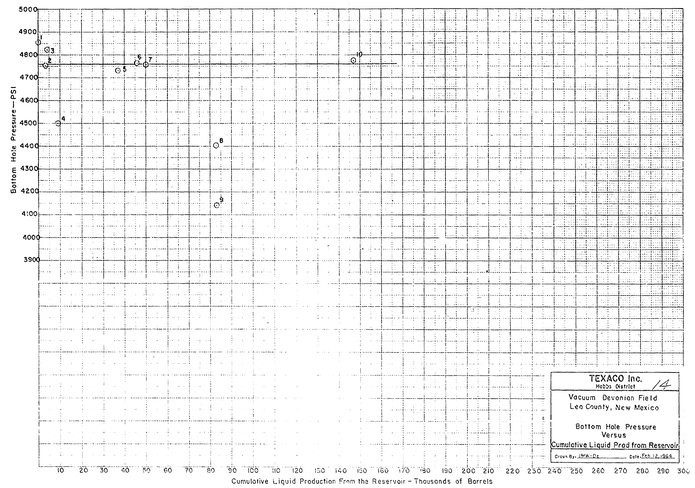
Scale: 0 2000' 4000' 6000'

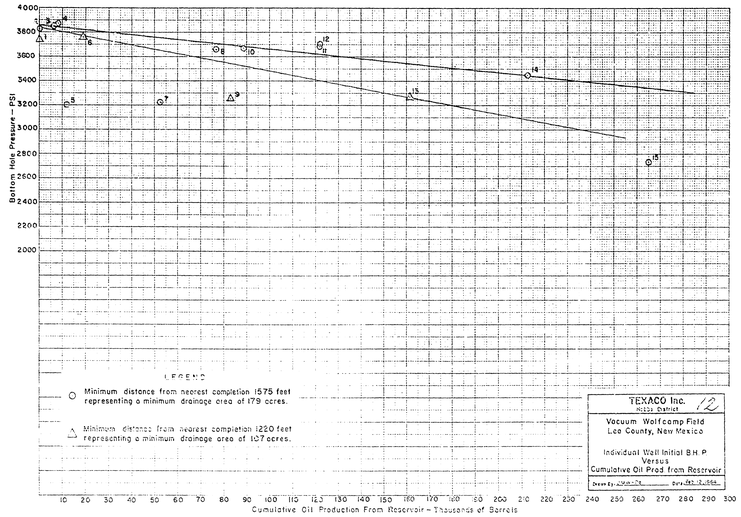
	Triple	Dual	Single
	Atz Wolfcamp Devonian	Wolfcamp Devonian	Wolfcamp
1. Drilling & Completion Costs, $	[illegible]	[illegible]	120,000
2. Artificial Lift Equipment Cost, $	[illegible]	[illegible]	23,000
3. Reserves Necessary to Payout, Bbls.	[illegible]	[illegible]	[illegible]
4. Estimated Reserves on 40 Acres, Bbls.	[illegible]	[illegible]	[illegible]
5. Net Loss on 40 Acres, $	[illegible]	[illegible]	[illegible]
6. Estimated Reserves on 80 Acres, Bbls.	[illegible]	[illegible]	[illegible]
7. Net Profit on 80 Acres, $	[illegible]	[illegible]	[illegible]

Above Values Based Upon:

1. Drilling Cost	[illegible] pct.
2. Taxes	[illegible] pct.
3. Net Interest	[illegible]
4. Sales Value, Oil & Gas	[illegible] pct.
5. Net Value	[illegible] pct.

16


Bottom Hole Pressure - PSI
5000
4900
4800
4700
4600
4500
4400
4300
4200
4100
4000
3900
1
2
3
4
5
6
7
8
9
10
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
Cumulative Liquid Production From the Reservoir - Thousands of Barrels
TEXACO Inc.
Hobbs District
14
Vacuum Devonian Field
Lea County, New Mexico
Bottom Hole Pressure
Versus
Cumulative Liquid Prod from Reservoir
Drawn By: JWH-Jr
Checked By: GBA


Bottom Hole Pressure – PSI
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
LEGEND
○ Minimum distance from nearest completion 1575 feet representing a minimum drainage area of 179 acres.
△ Minimum distance from nearest completion 1220 feet representing a minimum drainage area of 107 acres.
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300
Cumulative Oil Production From Reservoir – Thousands of Barrels
TEXACO Inc.
Hobbs District
12
Vacuum Wolfcamp Field
Lea County, New Mexico
Individual Well Initial B.H.P
Versus
Cumulative Oil Prod. from Reservoir
Drawn By JWM/CR
Date Oct. 12, 1966

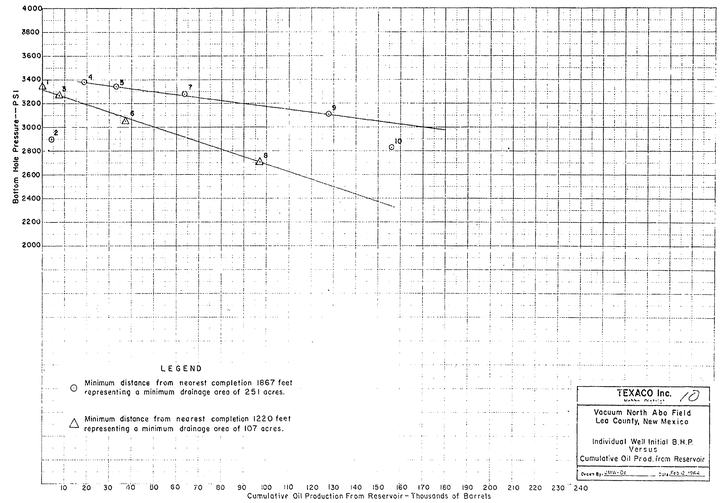

Bottom Hole Pressure — P.S.I.
4000
3800
3600
3400
3200
3000
2800
2600
2400
2200
2000
1
2
3
4
5
6
7
8
9
10
LEGEND
○ Minimum distance from nearest completion 1867 feet representing a minimum drainage area of 25 1 acres.
△ Minimum distance from nearest completion 1220 feet representing a minimum drainage area of 107 acres.
10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240
Cumulative Oil Production From Reservoir – Thousands of Barrels
TEXACO Inc.
10
Vacuum North Abo Field
Lea County, New Mexico
Individual Well Initial B.H.P.
Versus
Cumulative Oil Prod. from Reservoir
Drawn By: JWH-DK
Dec. 23-1964

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EXHIBIT NO. 1963 MONTHLY PRODUCTION, BBLS.
VACUUM DEVONIAN OIL POOL
LEA COUNTY, NEW MEXICO

Operator Lease & Well No.	J	F	M	A	M	J	J	A	S	O	N	D	Cumulative
Marathon													
State McCallister #5	Oil Water				2,337	635	951	86	419 226	982 2,946	656 1,531	614 1,932	6,680 6,635
Mobil													
[illegible]	Oil Water	1513	2276	2,10[illegible]	1,[illegible]	1,780	1,[illegible]	1,70[illegible]	1,238	1,215	1,190	1,10[illegible]	
Tenneco													
State "C" [illegible]	Oil Water	[illegible]47	[illegible]	[illegible]	8,169 2,8[illegible]	[illegible] [illegible]	[illegible] 2,[illegible]	7,357 [illegible],693	7,3[illegible] [illegible]	9,0[illegible] 9,0[illegible]	9,752 9,752	9,792 9,79[illegible]	 [illegible]
State "C" [illegible]	Oil Water					[illegible]	[illegible]	[illegible],879	7,031	[illegible]	7,633	7,50[illegible]	
Tidewater													
State "J" [illegible]	Oil Water									778	P&A		[illegible]
Total	Oil Water	1150	[illegible]	10,149	11,[illegible] 2,875	15,[illegible] [illegible]	[illegible] [illegible]	16,143 [illegible]	15,101 [illegible],751	16,[illegible] 11,[illegible]	19,[illegible] [illegible]	17,011 [illegible]	[illegible] [illegible]

15

SOUTHERN NO. ... NEW MEXICO PACIFIC COAST BASIN (-SCOCO BASIN)
... Basin Development As of 1/1/60
... Basin, New Mexico

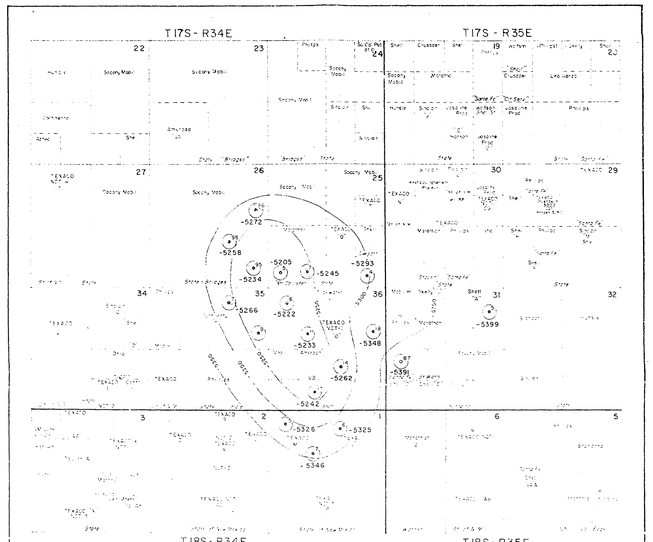
Pressure Zone No.	Structure & Lease	Well No.	Acres In Unit	Discovery Pressure psia	Cumulative Production Mcfs.	Remarks
1	Mobil Scuth Bridges	93	1	1965.0	None	12,(55-070 req. oil
			1	1962#	None	12,171-180 req. SG
		72		1973	107,351	
2	Shell Oil "C" Unit-1	11	0.1	1977	None	
3	Shell Oil Bridges		-	2011	7,327	11,(07-115 req. 70° oil
4	Mobil Oil Unit-Bridges	54	1	1972#	None	
		1	0.1	1980#	None	12,(0(-110 req. unit)
5	Shell Oil "C" Unit-1		-	2001#	17,(75	12,71-117 req. 70° oil
6	Mobil Oil "B"		-	1981	27,109	
7	Richardson Enterprises		0.2	1984#	46,274	12,(01-200 req. 100° water
	Shell Oil Co. "C"		0.	1985#	50,111	12,(18-170 req. 180° oil
	Shell Oil Co. "D"	9	0.2	1987#	33,133	12,(10-212 req. 200° water
	Richardson Enterprises "B"		.3	1.2#	41,113	12,(0(-210 req. 210° oil
	Richardson Estate "C"		0.5	1985#	146,769	12,(0(-21(req. 210° water

* - Each zone pressured. All others not taken pressures.

EXHIBIT NO. ___ BOTTOM HOLE PRESSURE DATA (-6200' DATUM)
VACUUM [illegible] POOL
LEA COUNTY, NEW MEXICO

Pressure No.	Operator & Lease	Well No.	Shut In Time Hrs.	[illegible] Pressure [illegible]	Cumulative Production Bbls.	From [illegible] Well Distance Ft.	[illegible] Drainage [illegible]
1	Mobil State Bridges	95	1	[illegible]	None	0	Entire Reservoir
2	Mobil State Bridges	96	48	[illegible]	4,147	2440'	[illegible] Ac.
3	Marathon St. McCallister	6	144	[illegible]	7,306	1237'	[illegible]
[illegible]	[illegible] St. "C" NCT-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] St. "C" NCT-1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Marathon St. McCallister	7	116	[illegible]	[illegible]	1220'	[illegible]
[illegible]	[illegible] St. "C" NCT-1	[illegible]	[illegible]	[illegible]	[illegible]	2158'	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] State [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] State "H"	[illegible]	71	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] test pressure. All others are bomb pressures.



N

—LEGEND—

○ Abo Producers

Docket No. 664 Case No. 2739

Exhibit No. ____ Date: February 19, 1964

TEXACO Inc.

Hobbs District

Vacuum North Abo Field

Lea County, New Mexico

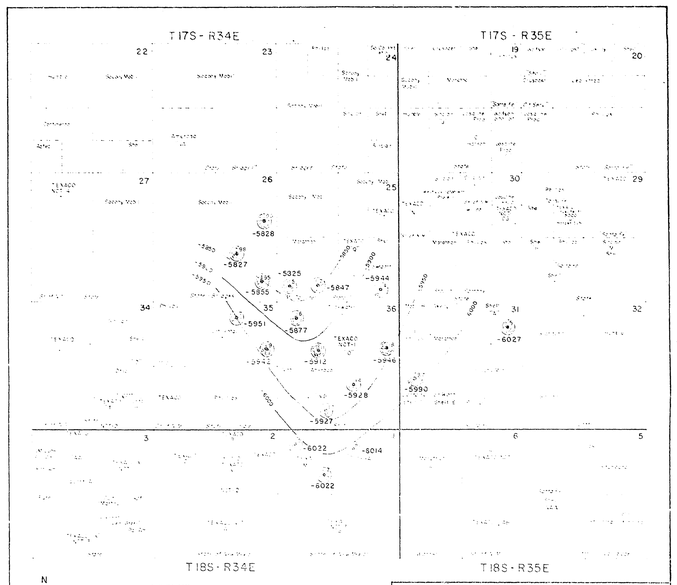
3

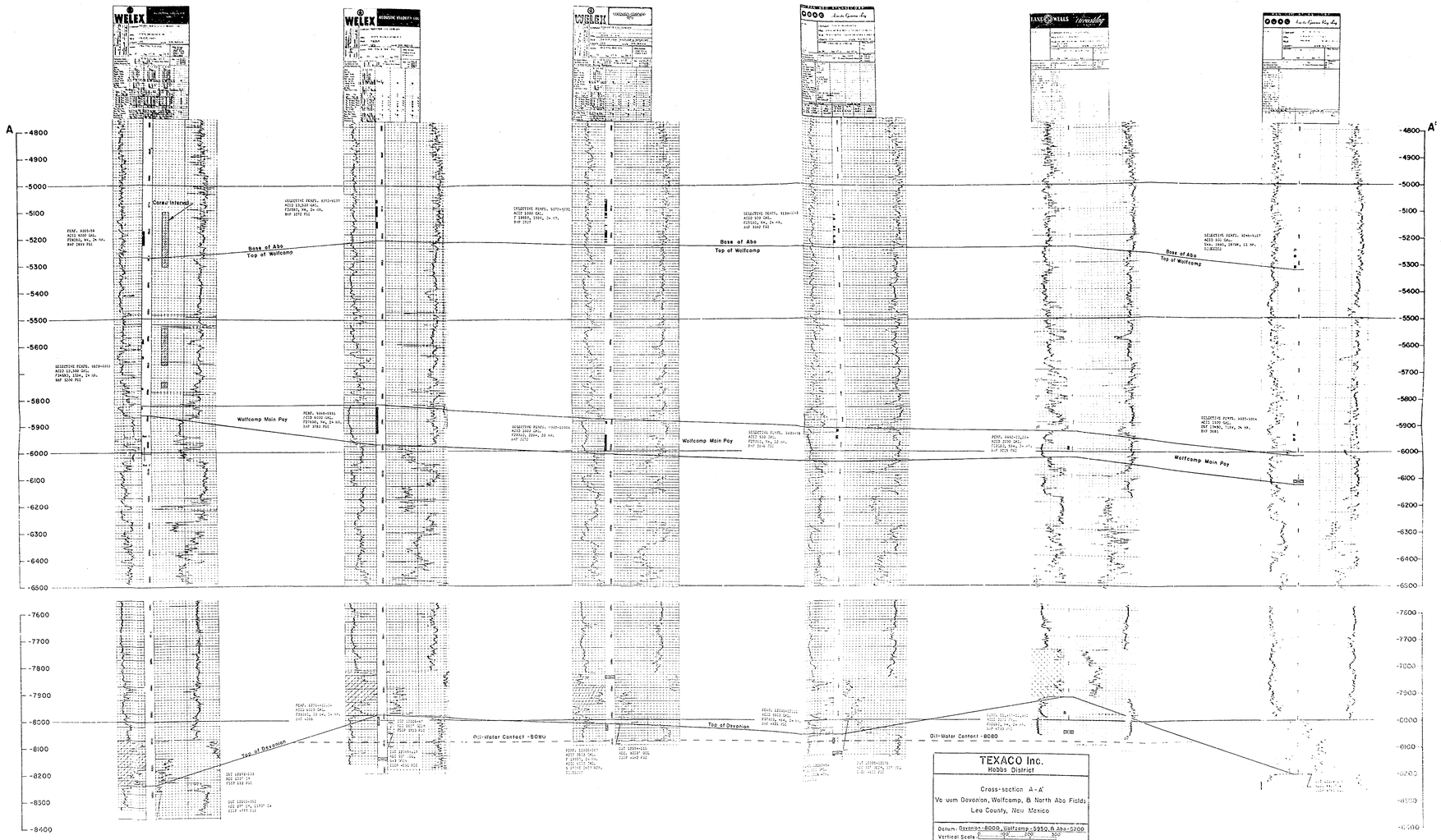
Contoured Horizon: Base of Abo (Top of Wolfcamp)

Contour Interval: 50 Feet

Drawn By: J.M.W. - Dr. Date: February 12, 1964

Scale: 0 2000' 4000' 6000'


T17S - R34E
T17S - R35E
22
23
24
19
20
27
26
25
30
29
34
35
36
31
32
3
2
1
6
5
-5828
-5827
-5825
-5855
-5847
-5844
-5951
-5877
-6027
-5912
-5942
-5946
-5990
-5928
-5927
-6022
-6014
-6022
TEXACO
T18S - R34E
T18S - R35E
N
—LEGEND—
Wolfcamp Producers
Docket No. 664 Case No. 2740
Exhibit No. Date: February 19, 1964
TEXACO Inc.
Hobbs District
Vacuum Wolfcamp Field
Lea County, New Mexico
4
Contoured Horizon: Wolfcamp Main Pay Zone
Contour Interval: 50 Feet
Drawn By: J. M. W. - Dr. Date: February 12, 1964
Scale: 0 2000' 4000' 6000'



TEXACO Inc.
Hobbs District

Cross-section A - A'

Ve uum Devonian, Wolfcamp, & North Abo Fields

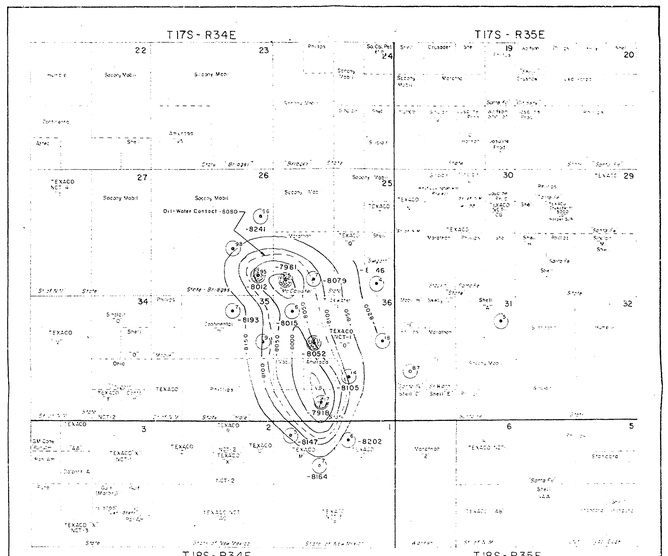
Lea County, New Mexico

Datum: Devonian -8000, Wolfcamp -5950 & Abo -5200

Vertical Scale: 0 100 200

Horizontal Scale: Incl. Grids is 1320

Drawn By: JMW-Ds Date: February 19, 1964



N

—LEGEND—

Devonian Producers

Docket No. 884 Case No. 2741

Exhibit No. _____ Date: February 19, 1964

TEXACO Inc.

Hobbs District

Vacuum Devonian Field

Lea County, New Mexico

5

Contoured Horizon: Devonian

Contour Interval: 50 Feet

Drawn By: J. M. W. - D.L. Date: February 12, 1964

Scale: 0 2000' 4000' 6000'