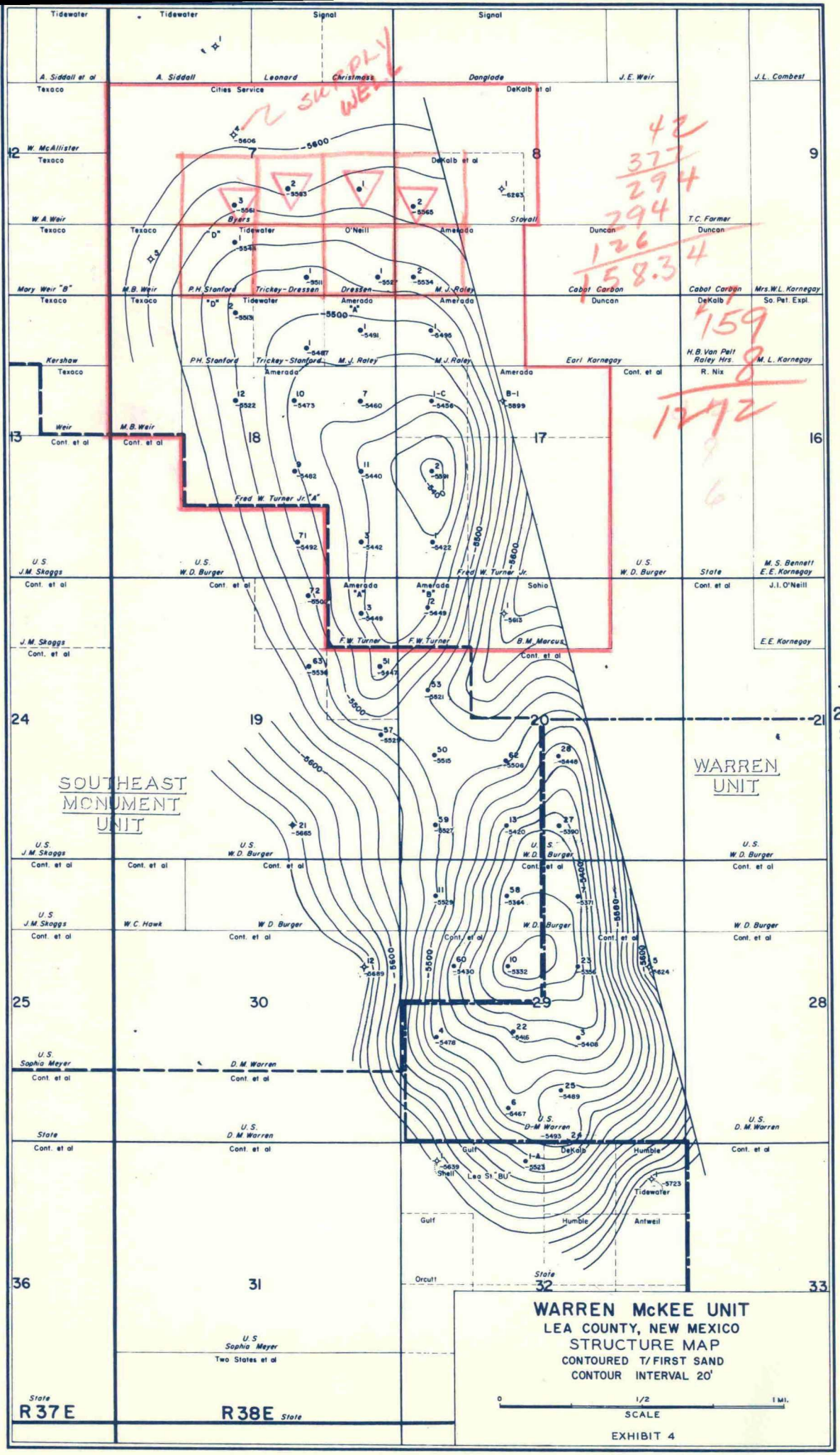


BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 3304 3305

AMERADA PETROLEUM CORP.
EXHIBIT 2
CASE NO. 3305
DATE 2-22-65

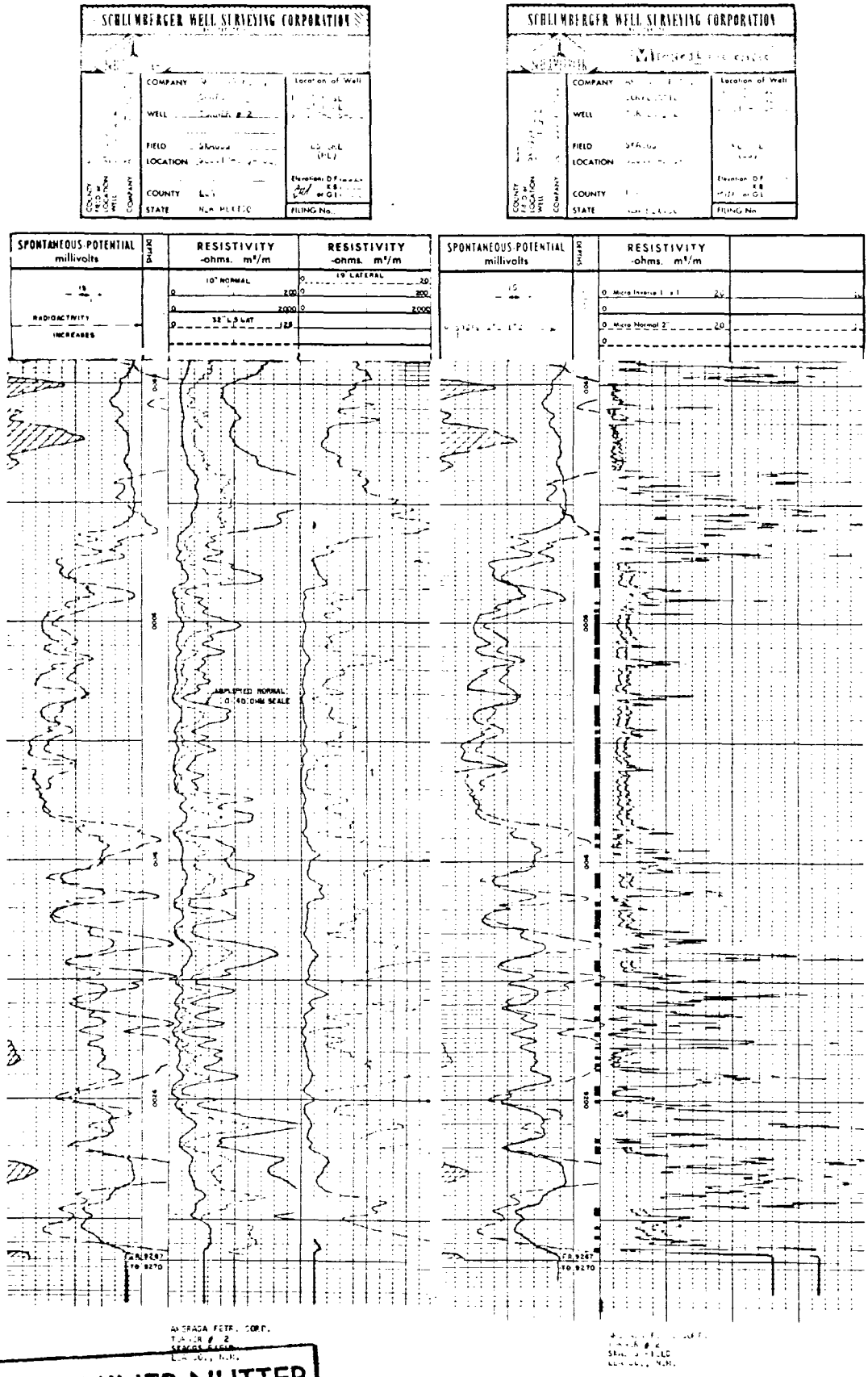


EXHIBIT 5

TYPE LOGS SHOWING VARIOUS ZONES

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 3
CASE NO. 3304 - 3305

AMERADA PETROLEUM CORP.
EXHIBIT 3
NO. 2
DATE 2-22-62

AMERADA PETROLEUM CORPORATION
WARREN McKEE UNIT
LEA COUNTY, NEW MEXICO
PRODUCTION DATA

Date	Barrels Oil	Barrels Water	Average GOR	Average BHP
1952				
Jan.	5,517	-		3486
Feb.	7,983	-		
March	13,723	-		
April	18,022	-		
May	8,177	-		
June	18,094	-		
July	27,557	-		
Aug.	31,396	-		3228
Sept.	33,983	-		
Oct.	42,708	-		
Nov.	40,692	-		2974
Dec.	47,216	186		
Total	295,068	186	605	
Cum.	295,068	186		
1953				
Jan.	58,604	186		
Feb.	59,933	168		
March	67,936	186		
April	74,921	180		
May	78,971	186		2494
June	84,421	246		
July	86,823	254		
Aug.	100,510	254		
Sept.	93,523	246		
Oct.	97,890	254		
Nov.	84,941	246		1961
Dec.	87,089	254		
Total	975,562	2,660	590	
Cum.	1,270,630	2,846		
1954				
Jan.	91,216	350		
Feb.	78,578	316		
March	90,931	500		
April	89,110	523		
May	93,139	500		1933
June	90,357	1,508		
July	92,674	1,516		
Aug.	89,849	1,905		
Sept.	84,184	1,962		
Oct.	86,961	2,049		
Nov.	86,544	1,998		1832
Dec.	90,728	2,065		
Total	1,064,271	15,192	605	
Cum.	2,334,901	18,038		

Date	Barrels Oil	Barrels Water	Average GOR	Average BHP
1955				
Jan.	92,505	2,715		
Feb.	79,094	1,878		
March	87,972	1,990		
April	85,657	1,824		
May	85,712	1,957		1729
June	83,635	1,893		
July	87,112	2,258		
Aug.	86,421	2,261		
Sept.	81,783	2,185		
Oct.	84,669	2,521		
Nov.	85,074	2,452		1658
Dec.	83,918	2,114		
Total	1,023,552	26,048	800	
Cum.	3,358,453	44,086		
1956				
Jan.	95,388	2,543		
Feb.	77,838	916		
March	83,913	628		
April	76,924	1,321		
May	77,459	1,453		1521
June	76,902	2,087		
July	79,623	1,662		
Aug.	80,988	323		
Sept.	79,160	591		
Oct.	84,503	823		
Nov.	83,007	675		1386
Dec.	91,868	841		
Total	987,573	13,863	1180	
Cum.	4,346,026	57,949		
1957				
Jan.	93,438	890		
Feb.	85,645	822		
March	94,913	953		
April	86,005	880		
May	86,557	1,180		
June	79,661	1,082		1177
July	82,668	1,132		
Aug.	76,093	1,127		
Sept.	70,947	1,058		
Oct.	72,343	1,512		
Nov.	68,691	2,142		1070
Dec.	70,335	2,146		
Total	967,296	14,924	1580	
Cum.	5,313,322	72,873		

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 5

AMERADA PETROLEUM CORP.
EXHIBIT
NO.
DATE

Date	Barrels Oil	Barrels Water	Average GOR	Average BHP
1958				
Jan.	69,725	5,878		
Feb.	60,534	4,864		
March	65,327	3,138		
April	58,602	3,227		
May	62,416	1,825		
June	60,271	5,070		964
July	59,660	3,653		
Aug.	52,235	2,974		
Sept.	50,349	4,926		
Oct.	52,039	4,453		
Nov.	49,927	4,365		864
Dec.	50,337	4,288		
Total	691,422	48,661	2010	
Cum.	6,004,744	121,534		
1959				
Jan.	48,645	2,588		
Feb.	40,799	1,524		
March	45,870	1,335		
April	46,697	863		
May	44,524	865		
June	42,560	501		788
July	39,374	1,551		
Aug.	38,630	1,430		
Sept.	34,829	3,617		
Oct.	34,203	2,786		
Nov.	31,776	2,523		
Dec.	35,140	4,022		
Total	483,047	23,605	2640	
Cum.	6,487,791	145,139		
1960				
Jan.	34,708	2,287		
Feb.	31,417	1,805		
March	33,618	2,057		
April	33,919	2,658		
May	41,958	2,898		
June	37,735	2,273		752
July	40,617	3,071		
Aug.	41,047	2,879		
Sept.	40,180	5,180		
Oct.	42,297	5,639		
Nov.	39,292	5,347		
Dec.	35,906	5,804		
Total	452,694	41,898	2450	
Cum.	6,940,485	187,037		

Date	Barrels Oil	Barrels Water	Average GOR	Average BHP
1961				
Jan.	34,963	6,281		
Feb.	30,211	5,532		
March	34,394	4,982		
April	34,327	5,375		685
May	33,671	4,151		
June	30,462	6,098		
July	30,387	4,543		
Aug.	27,422	4,176		
Sept.	28,384	6,719		
Oct.	29,361	5,130		
Nov.	28,717	5,078		
Dec.	29,592	5,395		
Total	371,891	63,460	2450	
Cum.	7,312,376	250,497		
1962				
Jan.	28,882	6,569		
Feb.	26,443	4,232		
March	29,595	5,902		
April	30,416	5,601		499
May	32,540	7,322		
June	29,144	6,577		
July	28,640	6,939		
Aug.	27,019	6,375		
Sept.	26,001	5,769		
Oct.	26,544	6,040		
Nov.	25,305	5,963		
Dec.	24,560	5,331		
Total	335,089	72,620	2020	
Cum.	7,647,465	323,117		
1963				
Jan.	25,136	6,173		
Feb.	22,265	5,810		
March	22,910	5,413		
April	21,529	5,224		
May	20,728	4,767		
June	17,346	3,628		
July	18,440	3,998		
Aug.	18,819	3,657		
Sept.	18,118	5,467		
Oct.	18,779	4,639		
Nov.	18,925	4,551		
Dec.	19,830	4,500		
Total	242,825	57,827	2340	
Cum.	7,890,290	380,944		

Date	Barrels Oil	Barrels Water	Average GOR	Average BHP
1964				
Jan.	20,094	4,295		
Feb.	17,671	3,871		
March	19,583	3,879		
April	18,635	3,687		
May	17,673	3,432		
June	15,407	2,844		
July	16,412	2,789		
Aug.	14,786	2,410		
Sept.	17,384	2,811		
Oct.	17,159	2,721		
Nov.	16,676	2,862		
Dec.	17,380	3,319		
Total	208,860	38,920	2660	
Cum.	8,099,150	419,864		
1965				
Jan.	16,707	1,876	3370	
Feb.	14,764	2,428	3100	
March	17,182	2,570	2900	
April	16,428	2,284	3330	
May	15,427	2,666	3430	
June	13,346	2,585	3820	
Cum.	8,193,004	434,273		

DATA SHEET
WARREN McKEE UNIT
LEA COUNTY, NEW MEXICO

GENERAL

Discovery Date - Field	December, 1948
First Well Within Unit Area - (Amerada Fred Turner No. 1)	January, 1952
Number of Wells Drilled Within the Unit Area	28
Dry Holes	5
Producers	23
Wells Currently Producing, June, 1965	19
Cumulative Oil Production to July 1, 1965	8,193,004 Bbls
Current Rate Oil Production, June, 1965	13,346 B/M
Average Daily Oil Production Per Well, June 1965	23 B/W/D
Current Rate Water Production, June, 1965 22.5%	2,585 B/M
Current Average Gas Oil Ratio, June, 1965	3,820 CF/B
Acreage Within Unit	1,785 Ac

GEOLOGICAL DATA

Producing Formation	McKee Sandstone
Average Depth	9050 Ft
Type Structure	Anticline
Initial Water Oil Contact	-5650 Ft

RESERVOIR PROPERTIES

Initial Reservoir Pressure at -5500 Ft	3486 psi
Average Porosity	16.4%
Average Permeability	99.8 md
Water Saturation	42%
Reservoir Temperature	123° F
Reservoir Volume Factor at Initial Conditions	1.335
Solution GOR at Initial Conditions	670 CF/B
Saturation Pressure	2156 psi
Reservoir Volume Factor at Saturation Pressure	1.359
Reservoir Oil Viscosity at Saturation Pressure	0.589 CP
Gravity of Stock Tank Oil at 60° F	45° API
Current Reservoir Pressure	Less Than 400 psi

AMERADA PETROLEUM CORP.
EXHIBIT 4
CASE NO. 3563
DATE 3-22-65

DATA SHEET
WARREN McKEE UNIT
LEA COUNTY, NEW MEXICO

GENERAL

Discovery Date - Field	December, 1948
First Well Within Unit Area - (Amerada Fred Turner No. 1)	January, 1952
Number of Wells Drilled Within the Unit Area	28
Dry Holes	5
Producers	23
Wells Currently Producing, June, 1965	19
Cumulative Oil Production to July 1, 1965	8,193,004 Bbls
Current Rate Oil Production, June, 1965	13,346 B/M
Average Daily Oil Production Per Well, June 1965	23 B/W/D
Current Rate Water Production, June, 1965 22.5%	2,585 B/M
Current Average Gas Oil Ratio, June, 1965	3,820 CF/B
Acreage Within Unit	1,785 Ac

GEOLOGICAL DATA

Producing Formation	McKee Sandstone
Average Depth	9050 Ft
Type Structure	Anticline
Initial Water Oil Contact	-5650 Ft

RESERVOIR PROPERTIES

Initial Reservoir Pressure at -5500 Ft	3486 psi
Average Porosity	16.4%
Average Permeability	99.8 md
Water Saturation	42%
Reservoir Temperature	123° F
Reservoir Volume Factor at Initial Conditions	1.335
Solution GOR at Initial Conditions	670 CF/B
Saturation Pressure	2156 psi
Reservoir Volume Factor at Saturation Pressure	1.359
Reservoir Oil Viscosity at Saturation Pressure	0.589 CP
Gravity of Stock Tank Oil at 60° F	45° API
Current Reservoir Pressure	Less Than 400 psi

BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 4
CASE NO. 3304 - 3305

AMERADA PETROLEUM CORP.
EXHIBIT
NO. 336
DATE 1-26-65

WARREN McKEE UNIT
BASIC PARAMETERS FOR UNIT PARTICIPATION

Tract No.	Lease	Current Production*	Remaining Primary	Adjusted Acre-Feet	Ultimate Primary
1	Stoval	-	-	1,035.24	144,163
2	Byers	-	-	4,396.59	477,540
3	M. B. Weir "B"	-	-	691.42	-
3A	M. B. Weir "A"	-	-	483.57	-
4	P. H. Stanford "D"	8,490	57,900	5,513.46	584,573
5	Trickey-Dreessen Unit	4,279	55,500	2,931.05	446,956
6	Dreessen	2,309	18,600	2,811.56	395,770
7	Mary J. Raley	12,678	126,400	6,251.07	1,051,410
8	Mary J. Raley "B"	-	-	565.04	-
9	Mary J. Raley "A"	4,649	43,900	3,841.37	453,042
10	Trickey-Stanford "A"	3,017	25,500	3,561.23	400,102
11	Fred Turner, Jr. "A"	54,584	564,200	27,422.42	3,502,283
12	Fred Turner, Jr. "C"	4,034	56,500	3,704.61	454,803
13	Fred Turner, Jr. "B"	6,589	89,700	8,619.25	277,235
14	Fred Turner, Jr.	14,996	214,900	7,645.49	1,045,051
15	B. M. Marcus	-	-	1,047.31	-
	TOTALS	115,625	1,253,100	80,520.68	9,232,928

*Current Production: Oil Production for the period from December 1, 1963 to June 1, 1964.

PHASE I = Until 1,253,100 barrels of oil have been produced after June 1, 1964. Participation to be 45 percent Current Production plus 45 percent Remaining Primary as of June 1, 1964 plus 10 percent Adjusted Acre-Feet.

PHASE II = Remaining Oil. Participation to be one-third Adjusted Acre-Feet plus two-thirds Ultimate Primary.

AMERADA PETROLEUM CORP.
EXHIBIT 15
NO. 3500
DATE 7-22-64

WARREN McKEE UNIT
BASIC PARAMETERS FOR UNIT PARTICIPATION

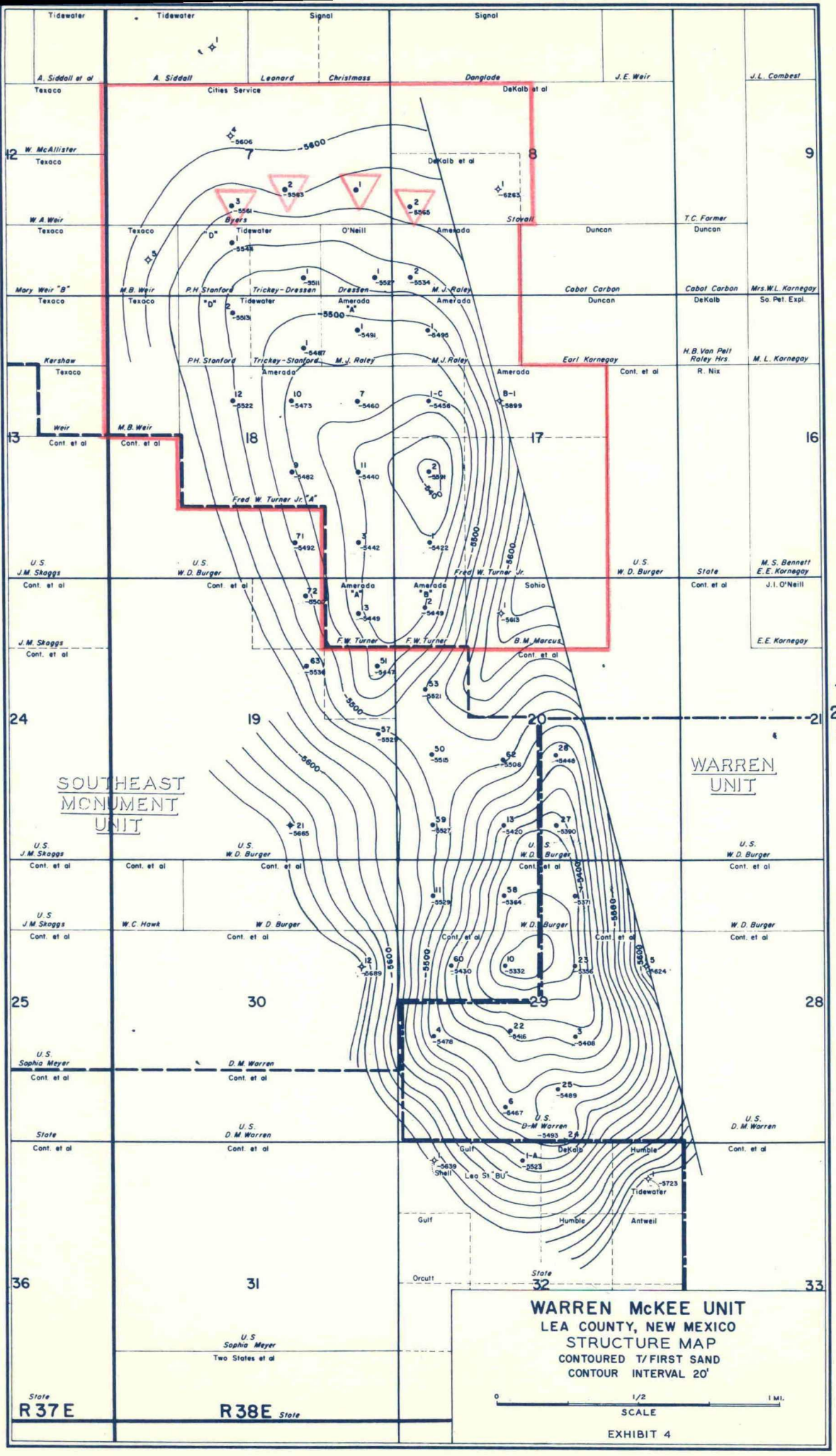
Tract No.	Lease	Current Production*	Remaining Primary	Adjusted Acre-Feet	Ultimate Primary
1	Stoval	-	-	1,035.24	144,163
2	Byers	-	-	4,396.59	477,540
3	M. B. Weir "B"	-	-	691.42	-
3A	M. B. Weir "A"	-	-	483.57	-
4	P. H. Stanford "D"	8,490	57,900	5,513.46	584,573
5	Trickey-Dreessen Unit	4,279	55,500	2,931.05	446,956
6	Dreessen	2,309	18,600	2,811.56	395,770
7	Mary J. Raley	12,678	126,400	6,251.07	1,051,410
8	Mary J. Raley "B"	-	-	565.04	-
9	Mary J. Raley "A"	4,649	43,900	3,841.37	453,042
10	Trickey-Stanford "A"	3,017	25,500	3,561.23	400,102
11	Fred Turner, Jr. "A"	54,584	564,200	27,422.42	3,502,283
12	Fred Turner, Jr. "C"	4,034	56,500	3,704.61	454,803
13	Fred Turner, Jr. "B"	6,589	89,700	8,619.25	277,235
14	Fred Turner, Jr.	14,996	214,900	7,645.49	1,045,051
15	B. M. Marcus	-	-	1,047.31	-
	TOTALS	115,625	1,253,100	80,520.68	9,232,928

*Current Production: Oil Production for the period from December 1, 1963 to June 1, 1964.

PHASE I = Until 1,253,100 barrels of oil have been produced after June 1, 1964. Participation to be 45 percent Current Production plus 45 percent Remaining Primary as of June 1, 1964 plus 10 percent Adjusted Acre-Feet.

PHASE II = Remaining Oil. Participation to be one-third Adjusted Acre-Feet plus two-thirds Ultimate Primary.

AMERADA PETROLEUM CORP.
EXHIBIT 15
NO. 5302
DATE 7-22-64



AMERADA PETROLEUM CORP.
EXHIBIT 2
Case NO. 3305
DATE 9-22-65