

SOCORRO PETROLEUM COMPANY

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P. O. DRAWER 3268
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P. O. BOX 38
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October 12, 1990

Oil Conservation Division
P.O. Box 2088
Santa Fe, New Mexico 87501

Re: Application for permit to commingle the Fren (Seven Rivers) and the Grayburg Jackson (QGSA) pools in the Max Friess Well No. 2
660' FNL & 660' FEL, Sec. 30, T17S, R31E
Eddy County, New Mexico

Gentlemen:

Please find Socorro Petroleum Company's application for permit to commingle the above captioned well.

Copies have been submitted to the offset operator and the NMOCD district office in Artesia.

Thank you for your consideration of this matter. If you have any questions, please contact Wyatt Fender at 915/687-4338.

Yours truly,

Wyatt Fender

Wyatt Fender
Operations Manager

WF/mp

Enclosure

*Fren - 1985-2035
GJ - 3098-3276*

STATE OF NEW MEXICO
DEPARTMENT OF ENERGY AND MINERALS
OIL CONSERVATION DIVISION

IN THE MATTER OF THE APPLICATION
OF SOCORRO PETROLEUM COMPANY
FOR THE COMMINGLING OF THE
MAX FRIESS WELL NO. 2, LOCATED
660' FNL & 660' FEL OF SECTION
30-T17S-R31E, EDDY COUNTY,
NEW MEXICO

CASE:

A P P L I C A T I O N

Comes now SOCORRO PETROLEUM COMPANY and applies to the
New Mexico Oil Conservation Division for an order approving
the commingling of the Max Friess Well No. 2, in Section 30,
T17S, R31E, Eddy County, New Mexico, and in support thereof
would show:

(1) Applicant, Socorro Petroleum Company, P. O. Drawer
3268, Midland, Texas 79702, is the operator of the Max
Friess lease.

(2) The well to be commingled is the Max Friess Well
No. 2, located 660' FNL & 660' FEL of Sec. 30-17-31, Eddy
County, New Mexico, to be commingled in the Fren (Seven
Rivers) and the Grayburg Jackson (QGSA) pools.

(3) Attached hereto as Exhibit "A" is a plat showing
offset operators.

(4) There is no current production from either zone.

(5) There is no production decline available.

(6) The estimated bottom hole pressure is less than
100 psi., neither zone is capable of flowing.

(7) Both zones produce New Mexico sour crude of

*Pro
1985*

approximately the same gravity. Neither zone makes sufficient water to result in the formation of precipitates.

(8) The value of the commingled production will equal the sum of the values of the individual streams.

(9) The ownership in both pools on the Max Friess lease is the same, both royalty and working interest.

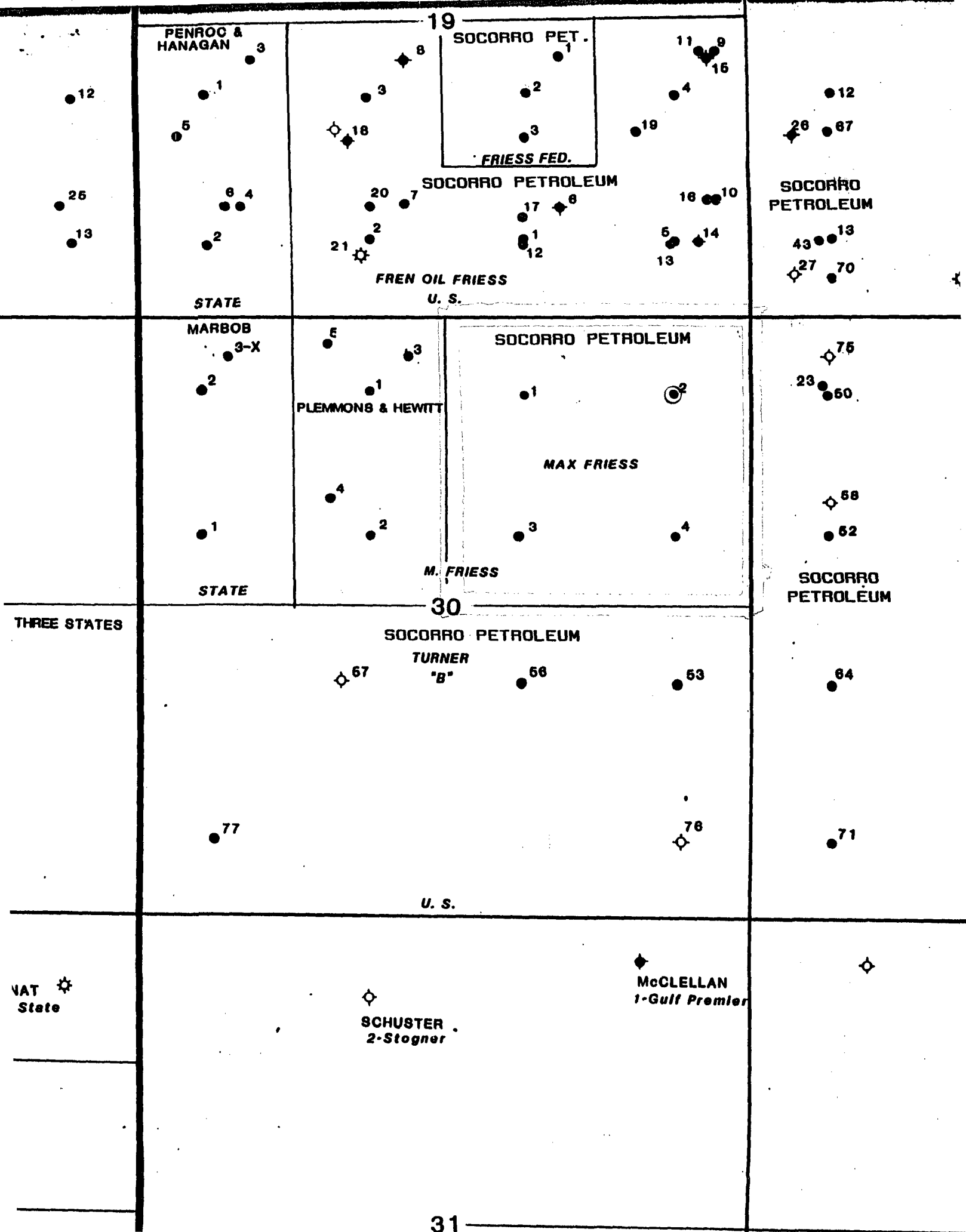
(10) The offset operator, Plemmons & Hewitt, and the BLM have been notified.

WHEREFORE, applicant requests that the director give administrative approval to commingle as requested.

Respectfully submitted,

Wyatt Fender

Wyatt Fender
Operations Manager
Socorro Petroleum Company



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October 12, 1990

Plemmons & Hewitt
P. O. Box 385
Artesia, New Mexico 88210

Re: Application to commingle Max Friess No. 2
660' FNL & 660' FEL of Sec. 30, T17S, R31E

Gentlemen:

Please be advised that Socorro Petroleum Company, operator of the Max Friess lease in the NE/4 of Section 30, Township 17, Range 31, Eddy County, New Mexico, has filed with the OCD an application to commingle the above captioned well in the Fren (Seven Rivers) and the Grayburg Jackson (QGSA) pools.

Enclosed is a copy of the application.

Yours truly,



Wyatt Fender
Operations Manager

WF/mp

Enclosure

WELL S T R	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC 1984	PROD NP	ACCU
2A2516S31E OIL	18		13	8	16	20	7	7	2	6	2	6	105P	35816
502516S31E OIL	46		80	69	15	184	34	90	124	160	107	78	961P	87876
4N2516S31E OIL	23	28	23	23	33	61	32	27	21	270	295	280	1235P	81444
7M2516S31E OIL	28	24	23	30						47	35	182	358P	
8M2516S31E OIL	2	24	23		19	49	20	73	64	116	118	62	212P	7430
8M2516S31E OIL									370	403	358	280	1501P	615
STAFF 1A1017S31E OIL	166	142	174	170	167	153	97	190	155	158	147	151	1870P	5214
1A1017S31E OIL	145	318	235	192	204	161	75	223	169	157	105	155	2250P	
TAYLOR 1M3016S32E OIL	5	15	9	20	20	18	23	34	42	49	32	38	325P	3225
2M3016S32E OIL	209	195	212	259	258	258	256	249	229	234	250	216	3062P	21834
3M3016S32E OIL	68	60	26	37	68	33	45	63	49	59	54	52	444P	35199
WESTERN DEV B 1F3016S31E OIL	117	90	105	79	94	82	81	79	66	27	58	75	953P	
1F3016S31E OIL	20	28	51	62	56	42	19	55	32	62	80	63	570P	19122
1F3016S31E OIL										266	84	496	826P	
COMPANY TOTAL OIL	2507	2479	2575	2313	2449	2615	2491	2710	2509	2937	2756	2527	31073	1430719
COMPANY TOTAL GAS	17544	17452	17575	16118	22626	20318	19331	20468	22590	23275	21849	22298	241444	

ARCO OIL & GAS COMPANY														
PREN OIL CO 3N1917S31E OIL			260	251	260	248	243	240	235	248	228	231	2950P	91867
3N1917S31E OIL			172	192	203	197	196	198	180	184	178	168	2334P	145097
411917S31E OIL			139	135	139	133	129	128	125	133	121	123	1643P	64091
7N1917S31E OIL			200	209	209	198	195	193	201	201	185	190	2381P	53956
10P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
1201917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	79662
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	90949
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	61282
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	3135
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28938
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	18623
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	43686
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	66108
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	47201
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	53703
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28938
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	18623
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	43686
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	66108
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	47201
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	53703
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28938
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	18623
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	43686
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	66108
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
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13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28938
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	18623
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	43686
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	66108
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	47201
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	53703
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28938
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	18623
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	43686
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	66108
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	47201
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	53703
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28938
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	18623
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	43686
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	66108
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	47201
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	53703
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28938
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	18623
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	43686
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	66108
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	47201
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	53703
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	
13P1917S31E OIL			259	259	258	256	246	249	229	234	250	216	3062P	28

CONTINUED GRAYBURG JACKSON TAVS-QN-68-SA

WELL S. T. R.	JAN	FEB	MAR	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC 1985	PRODUCTION	ACCOUNT
FEDERAL X 7M2117S30E OIL	65	23	22	79	16	15	28	39	29	33	30	23	4820	14054
7M2117S30E GAS	199	107	85	243	115	106	197	176	180	200	189	177	1917	
HUDSON FEDERAL 162917S30E OIL	99	88	80	87	76	66	91	70	63	94	70	79	963P	11085
162917S30E GAS	4	2	2	3	2	2	3	3	3	3	3	4	34	
LOCO HILLS A FEDERAL 1M1017S30E OIL	82	88	104	81	83	90	99	99	99	129	104	98	1156P	56729
1M1017S30E GAS	8	9	10	20	20	25	30	29	23	28	19	17	244	
2M1017S30E OIL	3720	3425	3680	3190	3207	3090	3623	3689	3570	4319	4200	4340	44035	24423
3C1517S30E OIL	130	137	94	123	100	142	138	113	110	118	90	98	1393P	44823
3C1517S30E GAS	12	14	15	30	24	39	41	33	26	26	17	17	6648P	44539
4K1017S30E OIL	7595	4650	5208	6048	5971	5730	5192	5084	4920	5414	5250	5425	6648P	44539
4K1017S30E GAS	74	75	99	58	66	70	68	68	59	62	58	62	168	
5L1017S30E OIL	2918	2225	2759	2581	2498	2400	2453	2449	2370	2356	2280	2356	29641	23799
5L1017S30E GAS	6	6	77	58	59	58	57	62	59	61	56	62	730P	23799
6D1517S30E OIL	1147	1265	1475	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	11338
6D1517S30E GAS	1366	1514	1752	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	11338
7E1517S30E OIL	2360	3952	5988	3877	5726	5336	6379	6479	6270	5951	5940	1584	59842	9938
7E1517S30E GAS	6	6	77	58	59	58	57	62	59	61	56	62	730P	9938
1P 917S30E OIL	121	16	283	222	246	194	183	184	176	167	138	110	2249P	46610
2I 917S30E OIL	70	272	101	222	246	194	183	184	176	167	138	110	2249P	46610
3F1717S30E OIL	1740	1500	1071	1751	1710	1605	1581	1530	1530	1730	1570	1512	19800	52329
3F1717S30E GAS	109	96	88	83	83	90	68	58	58	63	55	60	908P	52329
4C1717S30E OIL	239	204	204	212	199	165	163	155	151	153	178	2241	9310	35115
4C1717S30E GAS	589	756	810	808	780	806	806	780	806	780	806	806	1030P	35115
5J 917S30E OIL	125	112	211	212	223	233	261	271	271	259	308	2618	6756	23441
5J 917S30E GAS	868	448	460	554	602	586	558	540	540	558	540	558	1694P	23441
6D 917S30E OIL	331	250	319	296	296	301	351	340	331	357	314	3745	32601	32601
6D 917S30E GAS	960	575	713	667	713	690	713	690	713	690	713	690	8449	73873
7N 917S30E OIL	1110	450	558	522	582	540	666	682	660	652	630	546	408P	20675
7N 917S30E GAS	140	307	41	38	31	38	40	32	32	35	32	28	1026	140
9I 917S30E OIL	9	10	30	6	3	11	7	1	9	9	9	9	95P	74658
9I 917S30E GAS	9	10	30	6	3	11	7	1	9	9	9	9	95P	74658
1K2516S31E OIL	170	102	108	288	279	339	341	328	317	387	406	490	3555P	90631
1K2516S31E GAS	270	280	280	296	280	300	300	273	238	232	288	240	3257	81891
4M2516S31E OIL	61	88	92	32	238	224	240	218	150	35	72	28	1458	7837
4M2516S31E GAS	6	3	37	66	36	56	46	53	32	26	24	24	407P	7837
7M2516S31E OIL	80	90	280	246	374	364	390	355	304	22	557	224	3286	615
7M2516S31E GAS	80	90	280	246	374	364	390	355	304	22	557	224	3286	615
8N2516S31E OIL	153	133	156	138	146	138	141	117	125	128	132	135	1642P	6856
8N2516S31E GAS	77	49	76	46	46	45	46	44	44	45	45	45	653	6856
1A1617S31E OIL	155	140	155	150	155	150	155	147	165	175	145	155	1847	3449
1A1617S31E GAS	25	18	50	23	18	1	3	4	27	18	28	9	224P	3449
2N3016S32E OIL	43	29	61	41	36	12	9	9	39	29	28	28	327	21934
2N3016S32E GAS	249	220	293	188	168	220	195	248	240	310	300	271	2902	35758
3N3016S32E OIL	267	245	269	251	237	265	260	260	245	266	241	226	3032P	35758
3N3016S32E GAS	57	38	68	46	42	45	40	40	40	40	43	43	559P	19784
WESTERN DEV B STATE 1F3616S31E OIL	212	200	280	223	63	53	78	75	63	38	93	38	662P	19784
1F3616S31E GAS	212	200	280	223	63	53	78	75	63	38	93	38	662P	19784
COMPANY TOTAL OIL	3895	3984	4285	3917	3926	3651	3780	4471	3507	3723	3667	4204	47013	1477729
COMPANY TOTAL GAS	3019	3631	3624	3624	3459	3556	4153	4483	4482	3192	3010	9486	42018	
COMPANY TOTAL WATER	24745	20795	25131	22669	24978	23752	25986	27551	24244	25207	26221	22763	294042	

ANADARKO PRODUCTION COMPANY														
FEDERAL 1K2117S30E OIL	PLUGGING APPROVED 1971													

ARCO OIL & GAS COMPANY														
FRENCH CO 3K1917S31E OIL	INJECTION WELL													
3K1917S31E GAS	226	213	252	230	225	204	194	204	204	221	202	200	2573P	91847
4I1917S31E OIL	162	113	165	163	164	161	156	155	145	165	136	118	1803	147664
4I1917S31E GAS	120	113	136	210	205	108	103	217	210	155	150	139	1866	64091
7N1917S31E OIL	185	169	200	180	175	167	161	171	171	179	164	163	2085P	56041
7N1917S31E GAS	211	146	230	217	218	222	214	215	202	224	164	137	2178	
10P1917S31E OIL	226	207	244	47	42	204	197	31	210	31	42	37	1407	80206
10P1917S31E GAS	57	38	68	46	42	45	40	40	40	40	43	43	544P	80206
1201917S31E OIL	249	220	293	188	168	220	195	248	240	310	300	271	2902	93981
1201917S31E GAS	267	245	269	251	237	265	260	260	245	266	241	226	3032P	93981
13P1917S31E OIL	38	29	329	307	290	324	319	372	360	279	259	234	3697	61282
13P1917S31E GAS	38	29	329	307	290	324	319	372	360	279	259	234	3697	3155
FRIESS 3J1917S31E OIL	INJECTION WELL													
3J1917S31E GAS	59	52	59	62	60	59	54	17	3	4225	25	25	28938	19045
MAX FRIESS MA 1B3017S31E OIL	INJECTION WELL													
2A3017S31E OIL	46	46	52	51	46	38	49	13	2	3417	19	19	66449	43606
2A3017S31E GAS	69	69	78	51	46	57	74	78	78	522	522	522	522	47201
3G3017S31E OIL	PLUGGING APPROVED 1980													
4H3017S31E OIL	INJECTION WELL													
J L KEEL 3N 717S31E OIL	PLUGGING APPROVED 1983													
3N 717S31E GAS	310	280	300	285	290	280	245	220	206	196	250	238	3100P	284584
4K 717S31E OIL	45	102	275	250	212	164	180	166	166	265	305	593	2757	279304
4K 717S31E GAS	759	686	734	698	710	685	600	744	720	465	465	499	7765	
5D 717S31E OIL	33	84	257	260	263	261	250	233	120	228	230	230	2930P	322098
5D 717S31E GAS	481	449	463	424	429	426	408	589	570	372	375	365	5383	
6P 717S31E OIL	12	6	19	19	21	21	21	31	30	31	30	31	265P	41780
6P 717S31E GAS	48	24	48	76	84	84	84	124	120	124	120	124	877	95264
7L 717S31E OIL	INJECTION WELL													
8J 717S31E OIL	PLUGGING APPROVED 1980													
9G 717S31E OIL	INJECTION WELL													
10I 717S31E OIL	INJECTION WELL													
11H 717S31E OIL	24	6	42	19	11	30	26	31	30	31	30	31	262P	129612
12A 717S31E OIL	INJECTION WELL													
13B 717S31E OIL	LAST PROD. DATE 06/77													
13E 717S31E OIL	INJECTION WELL													
13E 717S31E GAS	179	13	129	110	2	42	35	206	206	14	179	37	1097P	38352
16F 717S31E OIL	196	882	8330	5880	5390	98	2058	558	540	558	500	531	25521	72685
16F 717S31E GAS												15225	15225F	51595
16F 717S31E WATER												1550	1550	

J L KEEL B														
10I 717S31E OIL	INJECTION WELL													
2M 817S31E OIL	INJECTION WELL													
3M 817S31E OIL	31	28	30	30	31	30	70	31	30	31	30	31	403P	97818
40 817S31E OIL	INJECTION WELL													
5L 817S31E OIL	62	67	61	61	63	61	142	31	30	31	30	31	661	20256
40 817S31E GAS	6137	6137	6732	11879	9405	13365	12276	8246	6750	6750	6750	6209	100627	142115
6F 817S31E OIL	124	120	150	136	164	180	180	100	198	155	155	90	1747P	143593
6F 817S31E GAS	124	120	150	136	164	180	180	100	198	155	155	90	1747P	143593
7C 817S31E OIL	INJECTION WELL													
8G 817S31E OIL	PLUGGING APPROVED 1983													
8G 817S31E GAS													5791	