

WEST SAND DUNES AND LOS MEDANOS DELAWARE FIELDS
 EDDY COUNTY, NEW MEXICO
 NMOC CASE NO. 10870

GAS OIL RATIO COMPARISON

LEASE	WELL NO.	MONTH	TEST OR ACTUAL PROD	OIL B/D	GAS MCF/D	GOR MCF/B
PURE GOLD "8"	5	NOVEMBER	TEST	120	95	0.792
PURE GOLD "8"	9	NOVEMBER	TEST	175	215	1.229
PURE GOLD "9"	1	NOVEMBER	TEST	15	20	1.333
PURE GOLD "9"	3	NOVEMBER	TEST	180	190	1.056
PURE GOLD "9"	4	NOVEMBER	TEST	129	175	1.357
PURE GOLD "17"	3	NOVEMBER	TEST	10	43	4.300
PURE GOLD "17"	4	NOVEMBER	TEST	95	116	1.221
PURE GOLD "17"	5	NOVEMBER	TEST	118	140	1.186
PURE GOLD "17"	8	NOVEMBER	TEST	60	128	2.133
PURE GOLD "17"	9	NOVEMBER	TEST	129	230	1.783
PURE GOLD "17"	10	NOVEMBER	TEST	130	202	1.554
PURE GOLD "17"	11	NOVEMBER	TEST	61	70	1.148
PURE GOLD "17"	12	NOVEMBER	TEST	100	150	1.500
PURE GOLD "17"	13	NOVEMBER	TEST	75	105	1.400
PURE GOLD "17"	14	NOVEMBER	TEST	9	71	7.889
STERLING SILVER 33	3	NOVEMBER	TEST	74	213	2.878
STERLING SILVER 33	4	NOVEMBER	TEST	100	430	4.300
STERLING SILVER 33	5	NOVEMBER	TEST	70	400	5.714
STERLING SILVER 33	7	NOVEMBER	TEST	105	410	3.905
STERLING SILVER 33	8	NOVEMBER	TEST	75	410	5.467
STERLING SILVER 33	11	NOVEMBER	TEST	100	450	4.500
STERLING SILVER 33	14	NOVEMBER	TEST	199	405	2.035
TRIPLE S 33	1	NOVEMBER	TEST	72	210	2.917
PURE GOLD A	2	DECEMBER	TEST	160	380	2.375
PURE GOLD A	3	DECEMBER	TEST	138	259	1.877
PURE GOLD A	4	DECEMBER	TEST	122	337	2.762
PURE GOLD B	3	DECEMBER	TEST	165	190	1.152
PURE GOLD B	4	DECEMBER	TEST	287	747	2.603
PURE GOLD B	5	DECEMBER	TEST	170	387	2.276
PURE GOLD B	6	DECEMBER	TEST	169	196	1.160
PURE GOLD D	2	OCTOBER	ACTUAL PROD	87	328	3.770
PURE GOLD D	3	OCTOBER	ACTUAL PROD	147	529	3.599
PURE GOLD D	4	OCTOBER	ACTUAL PROD	72	293	4.069
PURE GOLD D	5	OCTOBER	ACTUAL PROD	125	432	3.456
PURE GOLD D	7	OCTOBER	ACTUAL PROD	212	730	3.443
PURE GOLD D	8	OCTOBER	ACTUAL PROD	112	590	5.268
PURE GOLD D	12	OCTOBER	ACTUAL PROD	131	457	3.489
PURE GOLD D	16	OCTOBER	ACTUAL PROD	202	659	3.262
PURE GOLD D	17	OCTOBER	ACTUAL PROD	96	286	2.979
MOBIL FED 29	1	OCTOBER	ACTUAL PROD	126	483	3.833
MOBIL FED 29	4	OCTOBER	ACTUAL PROD	153	717	4.686
MOBIL FED 29	7	OCTOBER	ACTUAL PROD	94	210	2.234
MOBIL FED 29	8	OCTOBER	ACTUAL PROD	95	907	9.547
FEDERAL 29	4	OCTOBER	ACTUAL PROD	45	210	4.667
FEDERAL 29	8	OCTOBER	ACTUAL PROD	44	171	3.886

BEFORE EXAMINER

Oil Conservation Division

KAPER Exhibit No. 6

Case No. _____

WEST SAND DUNES AND LOS MEDANOS DELAWARE FIELDS
 EDDY COUNTY, NEW MEXICO
 NMOCDCASE NO. 10870

GAS OIL RATIO COMPARISON

LEASE	WELL NO.	MONTH	TEST OR ACTUAL PROD	OIL B/D	GAS MCF/D	GOR MCF/B
POKER LAKE 32 STATE	1	SEPTEMBER	ACTUAL PROD	72	287	3.986
POKER LAKE 32 STATE	2	SEPTEMBER	ACTUAL PROD	110	360	3.273
POKER LAKE 32 STATE	3	SEPTEMBER	ACTUAL PROD	160	315	1.969
POKER LAKE 32 STATE	4	SEPTEMBER	ACTUAL PROD	172	430	2.500
POKER LAKE 32 STATE	5	SEPTEMBER	ACTUAL PROD	54	314	5.815
POKER LAKE 32 STATE	6	SEPTEMBER	ACTUAL PROD	85	21	0.247
POKER LAKE 32 STATE	7	SEPTEMBER	ACTUAL PROD	36	218	6.056
POKER LAKE 32 STATE	8	SEPTEMBER	ACTUAL PROD	61	445	7.295
SUNDANCE FED 5	3	SEPTEMBER	ACTUAL PROD	251	784	3.124
SUNDANCE FED 5	4	SEPTEMBER	ACTUAL PROD	210	651	3.100
SUNDANCE FED 5	5	SEPTEMBER	ACTUAL PROD	146	949	6.500
SUNDANCE FED 5	6	SEPTEMBER	ACTUAL PROD	133	900	6.767
SUNDANCE FED 5	8	SEPTEMBER	ACTUAL PROD	129	635	4.922
SUNDANCE FED 5	9	SEPTEMBER	ACTUAL PROD	130	476	3.662
SUNDANCE FED 5	10	SEPTEMBER	ACTUAL PROD	127	610	4.803
PAULINE ALB 32 STATE	1	SEPTEMBER	ACTUAL PROD	34	151	4.441
PAULINE ALB 32 STATE	2	SEPTEMBER	ACTUAL PROD	109	810	7.431
PAULINE ALB 32 STATE	3	SEPTEMBER	ACTUAL PROD	49	243	4.959
PAULINE ALB 32 STATE	4	SEPTEMBER	ACTUAL PROD	52	192	3.692
PAULINE ALB 32 STATE	5	SEPTEMBER	ACTUAL PROD	39	191	4.897
PAULINE ALB 32 STATE	6	SEPTEMBER	ACTUAL PROD	62	99	1.597
PAULINE ALB 32 STATE	7	SEPTEMBER	ACTUAL PROD	31	183	5.903
PAULINE ALB 32 STATE	8	SEPTEMBER	ACTUAL PROD	66	395	5.985
MEDANOS VA STATE 16	1	SEPTEMBER	ACTUAL PROD	42	39	0.929
MEDANOS VA STATE 16	3	SEPTEMBER	ACTUAL PROD	63	71	1.127
MEDANOS VA STATE 16	4	SEPTEMBER	ACTUAL PROD	73	86	1.178
MEDANOS VA STATE 16	5	SEPTEMBER	ACTUAL PROD	95	179	1.884
MEDANOS VA STATE 16	6	SEPTEMBER	ACTUAL PROD	56	87	1.554
MEDANOS VA STATE 16	15	SEPTEMBER	ACTUAL PROD	57	0	0.000
MEDANOS VA STATE 16	16	SEPTEMBER	ACTUAL PROD	91	128	1.407
MEDANOS VA STATE 16	17	SEPTEMBER	ACTUAL PROD	94	144	1.532
				40,210	99,076	2.464

POGO'S APPLICATION FOR INCREASED GOR
LOS MEDANOS AND SAND DUNES DELAWARE WEST FIELDS
EDDY COUNTY, NEW MEXICO
NMOC D CASE NO. 10870

OPERATOR	LEASE NAME	NO. WELLS	SEPTEMBER 1993			2,000:1 GOR UNDER/(OVER)	
			OIL PROD BBL/MONTH	GAS PROD MCF/MONTH	GAS/OIL RATIO MCF/BBL	GAS ALLOWABLE MCF/MONTH	ALLOWABLE MCF/MONTH
YATES	MEDANO VA STATE	8	17,101	21,996	1.29	89,760	67,764
SANTA FE	PURE GOLD C-17	10	17,155	15,643	0.91	112,200	96,557
SANTA FE	N PURE GOLD 9	3	11,586	12,653	1.09	33,660	21,007
MERIT	POKER LAKE 32 ST	8	22,513	72,169	3.21	89,760	17,591
KFOC	PURE GOLD A FED	2	5,960	3,768	0.63	22,440	18,672
KFOC	PURE GOLD B FED	4	11,140	16,056	1.44	44,880	28,824
MERIT	SUNDANCE FED	7	33,763	150,907	4.47	78,540	(72,367)
POGO	FEDERAL 29	2	3,069	13,064	4.26	22,440	9,376
POGO	MOBIL FEDERAL	4	14,887	41,632	2.80	44,880	3,248
POGO	PURE GOLD D FED	10	40,015	122,363	3.06	112,200	(10,163)
SANTA FE	STERLING SILVER	1	3,975	11,008	2.77	11,220	212
SANTA FE	TRIPLE S 33 FED	1	4,539	4,294	0.95	11,220	6,926
YATES	PAULINE ALB STATE	8	13,238	67,962	5.13	89,760	21,798
		68	198,941	553,515	2.78	650,260 762,960	97,245 209,445

BEFORE EXAMINER

Oil Conservation Division

HAISER EXAMINER No. 7

Case No. _____

Case No. _____

LEASE	OCTOBER 1993 PROD DATA					MONTHLY ALLOWABLE GAS ALLOWABLE			
	WELL NO.	OIL (BBL/D)	WATER (BBL/D)	GAS (MCF/D)	GOR (MCF/BBL)	OIL (BBL/D)	GAS (MCF/D)	OVER/UNDER (MCF/M)	OVER/UNDER (MCF/D)
PURE GOLD D	2	2,691	1,242	10,164	3.777	187	374	1,056	35
PURE GOLD D	3	4,552	562	16,406	3.604	187	374	(5,186)	(173)
PURE GOLD D	4	2,233	1,154	9,076	4.064	187	374	2,144	71
PURE GOLD D	5	3,865	3,402	13,400	3.467	187	374	(2,180)	(73)
PURE GOLD D	7	6,557	858	22,648	3.454	187	374	(11,428)	(381)
PURE GOLD D	8	3,464	1,390	18,296	5.282	187	374	(7,076)	(236)
PURE GOLD D	12	4,054	1,380	14,179	3.498	187	374	(2,959)	(99)
PURE GOLD D	16	6,277	1,810	20,428	3.254	187	374	(9,208)	(307)
PURE GOLD D	17	2,979	2,101	8,875	2.979	187	374	2,345	78

OCTOBER TOTALS	9	36,672	13,899	133,472	3.640	1,683	3,366	(32,492)	(1,083)

MOBIL FED	1	3,904	272	14,975	3.836	187	374	(3,755)	(125)
MOBIL FED	4	4,741	545	22,226	4.688	187	374	(11,006)	(367)
MOBIL FED	7	2,900	1,386	6,525	2.250	187	374	4,695	157
MOBIL FED	8	2,956	520	28,138	9.519	187	374	(16,918)	(564)

OCTOBER TOTALS	4	14,501	2,723	71,864	4.956	748	1,496	(26,984)	(899)

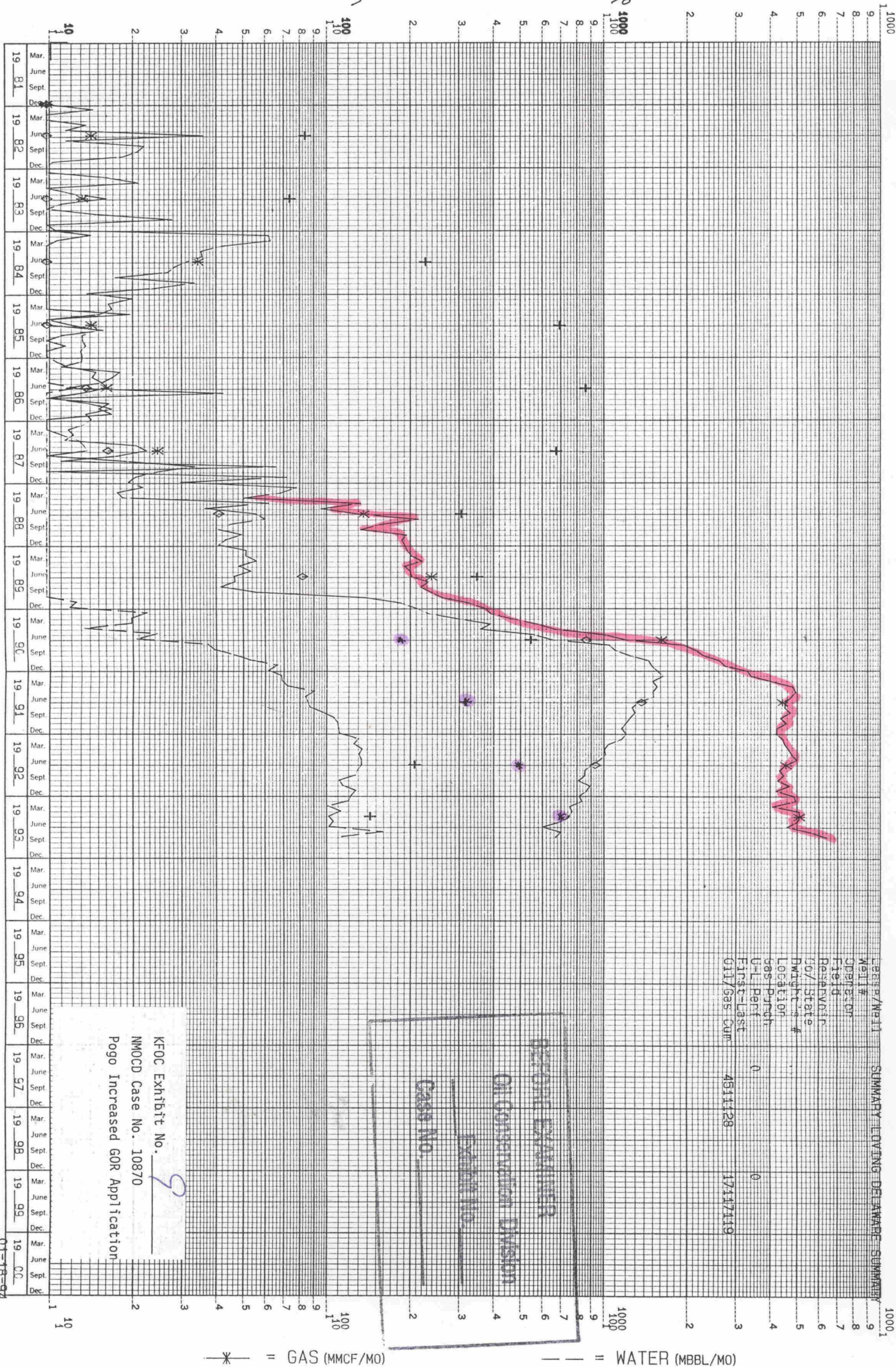
FED 29	4	1,407	638	6,535	4.645	187	374	4,685	156
FED 29	8	1,378	1,746	5,306	3.851	187	374	5,914	197

OCTOBER TOTALS	2	2,785	2,384	11,841	4.252	374	748	10,599	353

◇ = OIL (MBBL/MO)

GOR *

+ = YIELD (BBL/MMCF)



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Lease/Well
Well #
Operator
Field
Reservoir
Co/State
Dwight's #
Location
Gas Purch
U-L Perf
First Last
Oil/Gas Cum

X = YIELD (BBL/MCF)

— = OIL (MBBL/MO)

* = GAS w/rate (MMCF/MO)

+ * = GAS w/rate (MMCF/MO)

WATER (MBBL/MO)

47 6840

BEFORE EXAMINER

Oil Conservation Division

Exhibit No.

Case No.

KFOC Exhibit No. 10
NMOCD Case No. 10870
Pogo Increased GOR Application

19_00	19_01	19_02	19_03	19_04	19_05	19_06	19_07	19_08	19_09
Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun
19_00	19_01	19_02	19_03	19_04	19_05	19_06	19_07	19_08	19_09
Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun

12-27-93

WEST SAND DUNES AND LOW MEDANOS DELAWARE FIELDS
PRODUCTION HISTORY

MONTH	YEAR	OIL BBLs	GAS MCF	GOR MCF/BBL
11	90	1,762	0	0.000
12	90	1,081	1,827	1.690
=====				
TOTAL 90		2,843	1,827	0.643
=====				
1	91	5,262	1,451	0.276
2	91	2,767	1,257	0.454
3	91	2,504	772	0.308
4	91	2,601	621	0.239
5	91	2,316	556	0.240
6	91	460	466	1.013
7	91	453	458	1.011
8	91	1,669	999	0.599
9	91	1,628	388	0.238
10	91	1,500	378	0.252
11	91	1,356	362	0.267
12	91	2,779	3,035	1.092
=====				
TOTAL 91		25,295	10,743	0.425
=====				
1	92	2,665	2,231	0.837
2	92	2,620	1,949	0.744
3	92	5,643	3,714	0.658
4	92	6,974	10,363	1.486
5	92	2,097	1,807	0.862
6	92	7,455	5,363	0.719
7	92	14,138	10,043	0.710
8	92	13,980	12,233	0.875
9	92	13,717	8,422	0.614
10	92	22,136	14,633	0.661
11	92	24,756	41,376	1.671
12	92	64,536	74,125	1.149
=====				
TOTAL 92		180,717	186,259	1.031
=====				
1	93	93,627	93,082	0.994
2	93	108,199	137,430	1.270
3	93	149,173	207,176	1.389
4	93	147,702	254,483	1.723
5	93	171,961	326,524	1.899
6	93	180,075	371,849	2.065
7	93	224,627	426,448	1.898
8	93	209,024	514,376	2.461
9	93	198,941	553,515	2.782
10	93			
11	93			
12	93			
=====				
TOTAL 93		1,483,329	2,884,883	1.945
=====				
CUM TO DATE		1,692,184	3,083,712	1.822

BEFORE EXAMINER

Oil Conservation Division

RAJSEK Exhibit No. 11

Case No. _____

KFOC Exhibit No. _____

NMOCD Case No. 10870

Pogo Increased GOR Application