

Low production for positive and
negative response

Santa Fe, New Mexico

Hearing Date: December 17, 1992

Combined Area

[illegible]

	0
	0
	0
	0
	0
	0
	0
	0
	0
	345
	0
	698
	2
	464
	1,006
	1,150
	1,580
	5,280
	6,376
	6,471
	6,032
	6,488
	6,167
	7,577
	7,065
	8,701
	10,683
	8,824
	6,544
	7,936
	6,044
	6,461
	6,620
	8,603
	9,208
	8,773
	7,399
	6,031
	5,717

**CACTUS QUEEN UNIT
ORIGINAL UNIT AREA
and
PROPOSED EXPANSION AREA
OIL PRODUCTION
(Barrels)**

Month	CQU 1	CQU 2	CQU 3	CQU 4	CQU 5	CQU 6	Cactus Queen Unit
Jan-86	298	455	915	456	294	357	2,775
Feb-86	223	379	682	379	209	103	1,975
Mar-86	216	393	661	393	201	466	2,330
Apr-86	198	339	608	340	182	237	1,904
May-86	174	320	280	320	181	240	1,515
Jun-86	145	277	443	277	135	172	1,449
Jul-86	138	278	421	279	134	208	1,458
Aug-86	395	256	132	257	130	182	1,352
Sep-86	189	259	271	259	75	138	1,191
Oct-86	173	203	262	202	118	172	1,130
Nov-86	141	242	198	241	94	157	1,073
Dec-86	117	229	276	228	31	127	1,008
Jan-87	107	206	225	205	132	110	985
Feb-87	94	197	179	196	101	96	863
Mar-87	113	192	196	191	90	108	890
Apr-87	109	125	154	126	84	95	693
May-87	93	200	156	200	92	119	860
Jun-87	70	145	160	144	43	89	651
Jul-87	67	107	137	107	59	87	564
Aug-87	63	161	130	161	49	88	652
Sep-87	65	111	123	111	68	76	554
Oct-87	65	145	123	145	62	79	619
Nov-87	51	127	103	127	64	85	557
Dec-87	43	123	110	124	49	85	534
Jan-88	56	119	124	119	65	68	551
Feb-88	36	136	76	136	32	71	487
Mar-88	59	106	40	107	64	73	449
Apr-88	41	66	87	67	37	64	362
May-88	39	63	79	63	47	65	356
Jun-88	34	90	76	91	50	44	385
Jul-88	35	137	71	137	44	48	472
Aug-88	29	171	51	172	41	49	513
Sep-88	30	74	61	174	30	35	404
Oct-88	31	50	57	116	36	45	335
Nov-88	26	32	40	72	23	22	215
Dec-88	49	14	83	30	28	36	240

Month	Burkitt Fed. 1	Burkitt Fed. 2	Dewo Fed. 1	Dewo Fed. 2	Dakans Fed. 1	Dakans Fed. 2	Garnier Fed. 2	Garnier Fed. 3	Expansion Area
Jan-86	581	372	175	142	15	531	253	188	2,257
Feb-86	503	322	125	102	13	436	179	133	1,813
Mar-86	613	392	117	96	15	409	236	175	2,053
Apr-86	587	376	123	101	7	410	211	157	1,972
May-86	560	359	177	145	5	360	222	165	1,993
Jun-86	542	348	140	115	5	281	169	155	1,755
Jul-86	543	349	132	109	5	286	171	157	1,752
Aug-86	416	268	113	93	4	211	142	130	1,377
Sep-86	269	173	106	87	0	163	116	106	1,020
Oct-86	534	343	116	96	0	283	164	150	1,686
Nov-86	486	313	119	98	0	342	168	154	1,680
Dec-86	476	307	151	125	5	348	188	173	1,773
Jan-87	427	276	123	101	0	296	136	125	1,484
Feb-87	409	264	74	61	0	303	123	113	1,347
Mar-87	377	243	94	78	0	287	152	139	1,370
Apr-87	220	142	70	69	0	221	149	136	1,007
May-87	480	310	92	92	0	142	267	243	1,626
Jun-87	348	224	63	63	0	210	172	156	1,236
Jul-87	339	219	84	84	0	234	115	104	1,179
Aug-87	324	209	96	95	0	273	162	148	1,307
Sep-87	334	216	77	77	0	199	122	111	1,136
Oct-87	317	205	53	52	0	226	126	115	1,094
Nov-87	244	158	71	70	0	207	142	129	1,021
Dec-87	285	185	77	77	0	177	122	110	1,033
Jan-88	190	124	44	44	0	130	141	127	800
Feb-88	253	165	70	70	0	246	116	104	1,024
Mar-88	265	173	65	65	0	193	140	126	1,027
Apr-88	255	167	60	60	0	221	109	98	970
May-88	181	118	53	54	0	189	114	102	811
Jun-88	250	163	57	57	0	177	116	104	924
Jul-88	222	144	40	39	0	185	123	109	862
Aug-88	203	132	59	59	0	180	90	81	804
Sep-88	209	136	28	58	0	140	109	98	778
Oct-88	205	133	25	52	0	117	137	124	793
Nov-88	181	118	46	96	0	79	101	92	713
Dec-88	232	152	18	37	0	110	96	87	732

**CACTUS QUEEN UNIT
ORIGINAL UNIT AREA**
and
PROPOSED EXPANSION AREA
OIL PRODUCTION
(Barrels)

Month	CQU 1	CQU 2	CQU 3	CQU 4	CQU 5	CQU 6	Cactus Queen Unit	Burkitt Fed. 1	Burkitt Fed. 2	Dave Fed. 1	Dave Fed. 2	Delmas Fed. 1	Delmas Fed. 2	Garner Fed. 2	Garner Fed. 3	Expansion Area	Combined Area
Jan-89	40	18	73	39	23	37	230	135	88	20	42	0	87	101	91	564	794
Feb-89	11	9	19	17	26	36	118	176	115	22	46	0	77	76	68	580	698
Mar-89	26	11	45	20	31	36	169	186	122	27	58	0	78	79	71	621	790
Apr-89	26	59	44	105	33	23	290	165	109	28	59	0	76	83	75	595	885
May-89	24	55	40	96	27	48	290	129	86	23	50	0	60	47	43	438	728
Jun-89	20	42	34	72	12	18	198	99	66	22	47	0	62	88	80	464	662
Jul-89	12	19	20	30	26	36	143	106	71	24	52	0	48	87	80	468	611
Aug-89	0	69	2	109	20	27	227	106	71	23	50	0	59	77	70	456	683
Sep-89	30	82	30	129	19	18	308	104	70	19	41	0	48	54	52	388	696
Oct-89	34	42	35	65	23	26	225	90	60	35	76	0	99	38	87	485	710
Nov-89	24	58	24	89	0	10	205	151	100	23	51	0	85	39	38	487	692
Dec-89	18	45	19	70	26	28	206	144	96	26	55	0	95	38	38	492	698
Jan-90	25	39	26	60	23	35	208	145	97	21	45	0	91	81	81	561	769
Feb-90	28	37	28	58	8	26	185	102	69	20	44	0	62	65	65	427	612
Mar-90	23	45	23	70	16	15	192	125	85	20	44	0	53	50	49	426	618
Apr-90	0	30	38	46	0	21	135	102	69	14	30	0	50	45	44	354	489
May-90	0	37	40	55	0	16	148	69	46	19	40	0	58	50	49	331	479
Jun-90	0	11	54	0	0	24	89	123	138	24	50	0	139	63	62	599	688
Jul-90	0	16	36	0	0	0	52	105	118	15	32	0	98	64	63	495	547
Aug-90	0	0	0	0	0	0	0	96	107	16	34	0	76	60	59	448	448
Sep-90	0	12	12	0	0	11	35	90	101	12	24	0	43	68	68	406	441
Oct-90	0	18	18	0	0	17	53	87	97	15	29	0	64	48	48	388	441
Nov-90	0	18	18	0	0	17	53	53	59	14	26	0	57	29	28	266	319
Dec-90	0	21	21	0	0	20	62	56	62	12	22	0	39	45	44	280	342
Jan-91	0	13	12	0	0	12	37	59	66	12	23	0	68	36	35	299	336
Feb-91	0	25	25	0	0	25	75	46	52	21	41	0	41	89	88	378	453
Mar-91	0	19	19	0	0	19	57	81	92	20	38	0	46	56	56	389	446
Apr-91	0	26	27	0	0	27	80	70	80	15	30	0	72	65	65	397	477
May-91	0	35	35	0	0	36	106	85	97	11	22	0	97	81	80	473	579
Jun-91	0	51	51	0	0	51	153	58	67	15	29	0	70	61	60	360	513
Jul-91	0	48	48	0	0	48	144	57	66	16	31	0	63	63	62	358	502
Aug-91	0	61	60	0	0	60	181	60	71	19	36	0	57	72	71	386	567
Sep-91	0	135	135	0	0	135	405	44	51	14	26	0	44	49	48	276	681
Oct-91	0	217	217	0	0	217	651	30	35	10	18	0	46	80	79	298	949
Nov-91	0	165	164	0	0	164	493	36	42	10	19	0	44	69	69	289	782
Dec-91	0	175	175	0	0	174	524	32	38	8	16	0	37	69	68	268	792

**CACTUS QUEEN UNIT
ORIGINAL UNIT AREA
and
PROPOSED EXPANSION AREA
OIL PRODUCTION
(Barrels)**

Month																Combined Area
Jan-92	0	237	237	0	0	236	710									1,033
Feb-92	0	378	378	0	0	378	1,134									1,514
Mar-92	0	470	469	0	0	469	1,408									1,880
Apr-92	0	66	197	0	0	1,051	1,314									1,768
May-92	0	66	200	0	0	1,066	1,332									1,802
Jun-92	0	59	177	0	0	945	1,181									1,593
Jul-92	0	48	144	0	0	768	960									1,322
Aug-92	0	38	115	0	0	611	764									1,040
Sep-92	0	32	97	0	0	519	648									944
Oct-92	0	32	94	0	0	504	630									900
Total	6,937	23,983	23,024	24,581	6,230	20,127	104,882									277,618

Burkitt Fed.		Burkitt Fed.		Devo Fed.		Devo Fed.		Dohua Fed.		Dohua Fed.		Garnes Fed.		Garnes Fed.		Expansion Area		
1	1	2	2	1	1	2	2	1	1	2	2	2	2	3	3			
32	32	38	38	12	12	23	23	0	0	44	44	87	87	87	87	323		
64	64	75	75	12	12	23	23	0	0	68	68	69	69	69	69	380		
94	94	111	111	22	22	43	43	3	3	87	87	56	56	56	56	472		
131	131	29	29	50	50	17	17	37	37	60	60	65	65	65	65	454		
148	148	32	32	33	33	11	11	0	0	73	73	87	87	86	86	470		
149	149	33	33	41	41	14	14	0	0	69	69	53	53	53	53	412		
132	132	29	29	29	29	9	9	0	0	47	47	58	58	58	58	362		
84	84	18	18	21	21	6	6	0	0	35	35	56	56	56	56	276		
97	97	21	21	17	17	5	5	0	0	29	29	64	64	63	63	296		
42	42	9	9	17	17	5	5	0	0	94	94	52	52	51	51	270		
43,797	24,906	24,906	13,546	12,474	4,192	41,500	17,858	14,463	172,736									277,618