

CAVILAN MANCOS POOL AREA  
Rio Arriba County, New Mexico

NMOCC CASE NO. 2113  
March 30, 1987  
DUGAN PRODUCTION CORP.,  
JEROME P. McHUGH & ASSOC  
Exhibit No.     /    

OPERATOR/WELL NAME	LOCATION U-S-T-R	COMPLETION DATE	12/86 PRODUCTION			DAYS	CUMULATIVE 01/01/87	
			BOPD	MCFD	GOR		MBO	NMCF
Amoco Production Co.								
Oso Canyon Fed #1	E 24-24N-2W	12/10/84	0	0	-	0	1.6	NR
Oso Canyon Fed A-1	F 14-24N-2W	02/03/85	0	0	-	0	0	0
Oso Canyon Fed B-1	F 11-24N-2W	02/05/85	0	0	-	0	2.2	NR
Oso Cny Gas Com C-1	F 15-24N-2W	Location	-	-	-	-	-	-
Stefert Gas Com #1	D 22-26N-2W	Completing	-	-	-	-	-	-
<b>SUBTOTAL</b>			<b>0</b>	<b>0</b>			<b>3.8</b>	<b>0</b>

Dugan Production Corp.								
Divide #1	H 35-26N-2W	05/13/83	1	6	9307a	8	0.1	0.1
Divide #2	P 35-26N-2W	Location	-	-	-	-	-	-
Divide #3	K 35-26N-2W	12/26/86	26	38	1465	6	0.2	0.2
Lindrieth #1	O 36-25N-2W	11/19/84	8	58	7142a	31	5.3	30.7
Tapacitos #2	L 25-26N-2W	10/30/80	16	90	5714	-	27.0	24.5
Tapacitos #3	D 36-26N-2W	Location	-	-	-	-	-	-
Tapacitos #4	O 36-26N-2W	03/01/86	153	105	692	29	25.9	17.4
Wendy #1	A 26-26N-2W	Location	-	-	-	-	-	-
<b>SUBTOTAL</b>			<b>204</b>	<b>297</b>	<b>1456</b>		<b>58.4</b>	<b>73.0</b>

Mallon Oil								
Davis Fed Com 3-15	O 3-25N-2W	01/03/87	-	-	-	-	-	-
Fisher Fed 2-1	A 2-25N-2W	06/17/85	302	320	1061	31	141.3	116.7
Howard Fed 1-8	H 1-25N-2W	07/18/85	242	768	3172	22	127.6	167.9
Howard Fed 1-11	K 1-25N-2W	11/18/85	264	1073	4063	22	123.6	213.8
Johnson Fed 12-5	E 12-25N-2W	10/24/85	82	393	4817	30	22.0	70.7
Post Fed 13-6	F 13-25N-2W	03/18/86	91	108	1190	30	17.2	29.4
Ribeyowids Fed 2-16	P 2-25N-2W	02/11/85	88	270	3077	31	72.9	78.9
<b>SUBTOTAL</b>			<b>1069</b>	<b>2932</b>	<b>2743</b>		<b>504.6</b>	<b>677.4</b>

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OPERATOR/WELL NAME	LOCATION U-S-T-R	COMPLETION DATE	12/86 PRODUCTION			DAYS		CUMULATIVE 01/01/87	
			BOPD	MCFD	GOR			MBO	MMCF
Jerome P. McHugh									
Beek's Babbitt #1	G 17-25N-2W	10/15/85	158	187	1181	24	3.8	4.5	
Boyt & Lola #1	I 11-24N-2W	12/03/84	2	8	3623	31	5.1	29.8	
Boyt & Lola #2	D 12-24N-2W	01/10/85	5	11	2258	31	9.9	17.6	
Continental Divide #1	B 12-25N-2W	Location	-	-	-	-	-	-	
Dewey Bartlett #1	I 4-25N-2W	03/11/87	-	-	-	-	-	-	
Dr. Daddy-0 #1	C 33-25N-2W	05/16/85	91	113	1246	31	10.0	15.4	
E. T. #1	C 28-25N-2W	09/19/83	33	456	13708	20	95.7	100.4	
Four O's #1	Lot 3 19-25N-2W	Location	-	-	-	-	-	-	
Full Sail #1	O 29-25N-2W	06/15/84	81	167	2055	31	123.4	127.9	
Full Sail #2	I 28-25N-2W	05/24/85	34	519	6330	13	12.9	49.3	
Full Sail #3	F 29-25N-2W	11/01/85	20	122	6093	29	6.2	22.3	
Full Sail #4	Lot 3 30-25N-2W	Completing	-	-	-	-	-	-	
Greener Grass #1	J 10-24N-2W	08/20/85	95	31	329	31	17.0	5.6	
High Adventure #1	H 8-25N-2W	Completing	-	-	-	-	-	-	
High Adventure #2	M 9-25N-2W	02/11/87	-	-	-	-	-	-	
Homestead Ranch #2	N 34-25N-2W	05/16/85	-	-	-	-	-	-	
Janet #1	A 27-25N-2W	02/17/83	281	423	1506	14	122.0	83.9	
Janet #2	I 21-25N-2W	09/01/83	32	378	11829	20	132.9	126.4	
Janet #3	E 21-25N-2W	12/18/85	77	441	5767	15	125.2	154.3	
Lady Luck #1	A 5-24N-2W	02/21/86	70	172	2448	31	14.5	12.2	
Loddy #1	F 20-25N-2W	08/30/85	0	0	-	0	3.9	3.8	
Mother Lode #1	H 3-24N-2W	09/02/83	75	288	3821	16	1.4	4.7	
Mother Lode #2	K 3-24N-2W	01/23/86	57	233	4060	27	163.6	166.8	
Native Son #1	A 34-25N-2W	06/07/84	109	366	3353	18	13.1	19.0	
Native Son #2	N 27-25N-2W	11/18/83	154	234	1515	21	226.8	84.6	
Native Son #3	I 33-25N-2W	02/21/85	279	988	3549	6	356.7	471.8	
New Horizon #1	O 2-24N-2W	10/01/85	98	912	9353	8	18.5	55.5	
Ralphie Tigger #1	E 27-26N-2W	Location	7	28	4005	31	2.2	7.0	
Tapacitos Canyon #1	O 4-26N-2W	Completing	-	-	-	-	-	-	
Twilight Zone #1	J 12-24N-2W	01/21/85	-	14	3150a	14	2.2	5.2	
Wildfire #1	N 26-26N-2W	Completing	4	-	-	-	-	-	
Wright Way #1	C 2-24N-2W	09/29/83	44	69	1580	31	105.6	86.5	
<b>SUBTOTAL</b>			<b>1806</b>	<b>6160</b>	<b>3411</b>		<b>1572.6</b>	<b>1654.5</b>	

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			BOPD	MCFD	GOR		MBD	MMCF	
<u>Meridian Oil Company</u>									
Hawk Federal #2	C 35-25N-2W	03/25/84	110	389	3543	20	86.1	221.0	
Hawk Federal #3	K 35-25N-2W	01/03/85	143	186	2113	29	139.5	186.3	
H111 Federal #1	F 24-25N-2W	09/17/85	26	916	35922	24	7.2	62.4	
H111 Federal #2Y	G 25-25N-2W	01/10/86	86	237	2765	26	4.6	13.5	
H111 Federal #3	D 36-25N-2W	01/09/86	97	91	937	31	9.1	6.6	
<u>SUBTOTAL</u>			462	1819	3937	130	246.5	489.8	
<u>Merrion Oil and Gas</u>									
Krystina #1	K 14-24N-2W	01/07/85	0	0	-	0	4.9	20.9	
Oso Canyon Gas Com C-1	F 13-24N-2W	01/11/85	0	0	-	0	2.1	6.2	
Rocky Mountain #1	N 24-24N-2W	01/22/85	0	0	-	0	1.3	12.5	
<u>SUBTOTAL</u>			0	0	-	0	8.3	39.6	
<u>Mesa Grande Resources</u>									
Bearcat #1	O 22-25N-2W	04/21/86	87	239	2754	27	15.0	35.9	
Brown #1	N 17-25N-2W	03/20/85	59	438	7492	20	26.4	49.7	
Gavilan #1	A 26-25N-2W	03/21/82	24	358	15203	13	84.3	549.7	
*Gavilan #2	J 26-25N-2W	02/14/85	3	130	38381	31	1.7	47.9	
Gavilan #3	E 26-25N-2W	07/23/83	21	137	6448	30	34.7	258.1	
Gavilan-Howard #1	F 23-25N-2W	04/23/84	55	494	9016	18	90.5	455.5	
Hatley Hawkeye #1	I 23-25N-2W	Location	-	-	-	-	-	-	
Hellcat #1	F 22-25N-2W	10/19/85	24	219	9124	30	4.2	28.1	
Invader Fed #1	D 1-24N-2W	05/04/86	0	0	-	0	1.1	2.3	
Intruder #1	I 20-25N-2W	Location	-	-	-	-	-	-	
Marauder #1	N 8-25N-2W	04/17/86	80	310	3859	22	7.2	25.7	
Phantom #1	M 16-25N-2W	Location	-	-	-	-	-	-	
Prowler #2	B 5-25N-2W	Location	-	-	-	-	-	-	
Rucker Lake #2	K 24-25N-2W	08/26/83	85	283	3339	31	147.6	129.0	
Rucker Lake #3	L 25-25N-2W	08/10/83	88	101	1147	31	108.8	109.7	
<u>SUBTOTAL</u>			523	2579	4931	31	519.8	1643.7	

\*Operated by E. Alex Phillips of Mesa Grande Resources

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OPERATOR/WELL NAME	LOCATION U-S-T-R	COMPLETION DATE	12/86 PRODUCTION				CUMULATIVE 01/01/8	
			BOPD	MCFD	GOR	DAYS	MMB	MM
<b>Mobil Oil Corp.</b>								
Lindrith B Unit 34	G 32-25N-2W	01/29/86	93	298	3188	25	18.4	57.8
Lindrith B Unit 37	G 4-24N-2W	01/29/86	43	314	7269	31	23.9	64.8
Lindrith B Unit 38	K 4-24N-2W	06/03/86	19	172	8935	23	4.6	43.0
Lindrith B Unit 72	A 8-24N-2W	Completing	-	-	-	-	-	-
Lindrith B Unit 73	A 6-24N-2W	Completing	-	-	-	-	-	-
Lindrith B Unit 74	A 9-24N-2W	Completing	-	-	-	-	-	-
<b>SUBTOTAL</b>			155	784	5058	-	46.9	165.6
<b>Reading and Bates</b>								
Davis Federal 24-10	N 10-25N-2W	Location	-	-	-	-	-	-
Green Lee Fed 41-24	A 24-25N-3W	Location	-	-	-	-	-	-
Howard Fed 43-15	I 15-25N-2W	03/04/86	14	383	28248	30	1.6	11.5
Ingram Fed 34-16	I 16-25N-2W	Location	-	-	-	-	-	-
Sherman Fed 22-34	F 34-26N-2W	Location	-	-	-	-	-	-
<b>SUBTOTAL</b>			14	383	28248	-	1.6	11.5
<b>TOTAL GAVILAN POOL AREA</b>			3163	10377	3281	-	2964.5	4804.0

Notes: a = Well producing during 12/86, but rates not representative. Rate indicated is from a representative month.