

HANSON OIL CORPORATION

P. O. BOX 1515

ROSWELL, NEW MEXICO 88201

PHONE AC 505-622-7330

November 20, 1979

DHC-307

Due - 12/20/79

Mr. Joe D. Ramey
New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: MAX GUTMAN #2
Unit L, T.19S, R.38E
Lea County, New Mexico

Dear Mr. Ramey:

Your administrative approval is requested to permit down-hole commingling of marginal Drinkard and Paddock production, per Rule 303-C-2, on the above captioned well.

There is no evidence of fluid incompatibility and we do not expect any waste or reservoir damage due to down-hole commingling in the well bore. Ownership in the two pools in common, and correlative rights will not be violated. Down-hole commingling will allow the recovery of additional hydrocarbons from this well. Both zones will have to be pumped.

The subject well was drilled and completed in the Drinkard zone in December, 1966 and in the Paddock zone in July, 1966. Attached is a Well History Report of the Drinkard and Paddock zones.

Attached please find pertinent data regarding this application as outlined in Rule 303-C-2.

Yours very truly,

HANSON OIL CORPORATION



A. J. Deans

A. J. Deans
Vice-President, Drilling & Production

AJD/lrs

Attachments

Pad 1280 70% *3 mcf*
BL 580 30% *120 mcf 100%*
17 *120*

Bottom of 6510

max prod = 40 BOPD

November 20, 1979

RULE 303-C-2 INFORMATION:

- Paddock
Drinkard*
- (A) Operator: Hanson Oil Corporation
P. O. Box 1515
Roswell, New Mexico 88201
- (B) Lease: Max Gutman #2
Unit L, Sec. 19, T.22S, R.38E
Lea County, New Mexico
- (C) Well completed in the Drinkard and Paddock formations as a dual completion per Administrative Order MC-1779. ✓
- (D) Drinkard C-116 dated 5-10-79 and Paddock C-116 dated 7-9-79 are attached.
- (E) A production decline curve on both the Drinkard and Paddock zones from 1967 thru September, 1979 is attached.
- (F) Bottom Hole Pressure data:

Paddock: Datum - 1773' Pressure @ Datum 549 PSI*
Drinkard: Datum - 3002' Pressure @ Datum 990 PSI*

*Estimates based on most recent available average BHP data within vicinity of well.

- (G) Fluid Characteristics:

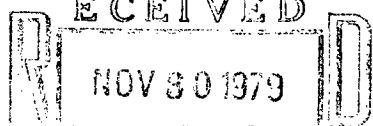
There is no evidence of incompatibility in fluids.

- (H) Value of Commingled Fluids:

	BOPD	API GRAVITY	\$/BBL	REV./DAY
Drinkard Oil	5	37.6	\$32.44	\$162.20
Paddock Oil	12	36.4	32.44	389.28
TOTAL	17			\$551.48
COMMINGLED	17	37.0	\$32.44	\$551.48

- (I) All offset operators have been notified by copy of the attached letter:

American Petrofina Co., P. O. Box 2159, Dallas, Texas 75221
Marathon Oil Company, P. O. Box 552, Midland, Texas 79702
Texaco, Inc., P. O. Box 52332, Houston, Texas 77052



OIL CONSERVATION DIVISION
SANTA FE

Lease Name		Well No.	Location			Date of Test	Shut-In Pressure	Choke Size	Type of Test	Completion		Special	
Lease Name		Well No.	U	S	T	R	Date of Test	Shut-In Pressure	Type of Test	Water Bbls.	Grav. Oil	Oil Bbls.	Gas M.C.F.
Gutman (Max)	2	L	19	22S	38E		4-25-79	F	-	2	40.3	5	120
Gutman (Max)	5	N	19	22S	38E		4-26-79	F	-	5	40.3	5	128
Gutman (Max)	6	K	19	22S	38E		4-27-79	F	-	5	40.3	9	78
Gutman (Max)	7	D	19	22S	38E		4-24-79	F	-	2	40.3	5	62
Shell State	1	O	36	21S	36E		4-30-79	F	-	20	37.9	16	115
Shell State	2	J	36	21S	36E		4-27-79	P	-	14	37.9	14	80
Kingwood	1	J	25	21S	36E		4-26-79	P	-	10	35.1	8	58

RECEIVED
NOV 30 1979
OIL CONSERVATION DIVISION
SANTA FE

No well will be assigned an allowable greater than the amount of oil produced on the official test.

During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized by the Commission.

Gas volumes must be reported in MCF measured at a pressure base of 15.025 psia and a temperature of 60° F. Specific gravity base will be 0.60.

Report casing pressure in lieu of tubing pressure for any well producing through casing.

Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Spencer L. Schmitt
(Signature)
Production Clerk

(Title)
May 10, 1979
(Date)

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea								
Hanson Oil Corporation		Paddock												
Address		P. O. Box 1515, Roswell, New Mexico, 88201		TYPE OF TEST - (X)		Completion ☐ Special ☐								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.	
		U	S	T						R	WATER BBLs.	GRAV. OIL		OIL BBLs.
Gutman (Max)	2	L	19	22S	38E	6-28-79	-	13	24	1	37.3	12	-0-	-0-
Gutman (Max)	4	F	19	22S	38E	6-29-79	-	6	24	4	37.3	4	-0-	-0-

RECEIVED
NOV 30 1979
OIL CONSERVATION DIVISION
SANTA FE

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Mail original and one copy of this report to the district office of the New Mexico Oil Conservation Commission in accordance with Rule 301 and appropriate pool rules.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Deanne S. Schmidt
(Signature)

Production Clerk

(Title)

July 9, 1979

(Date)

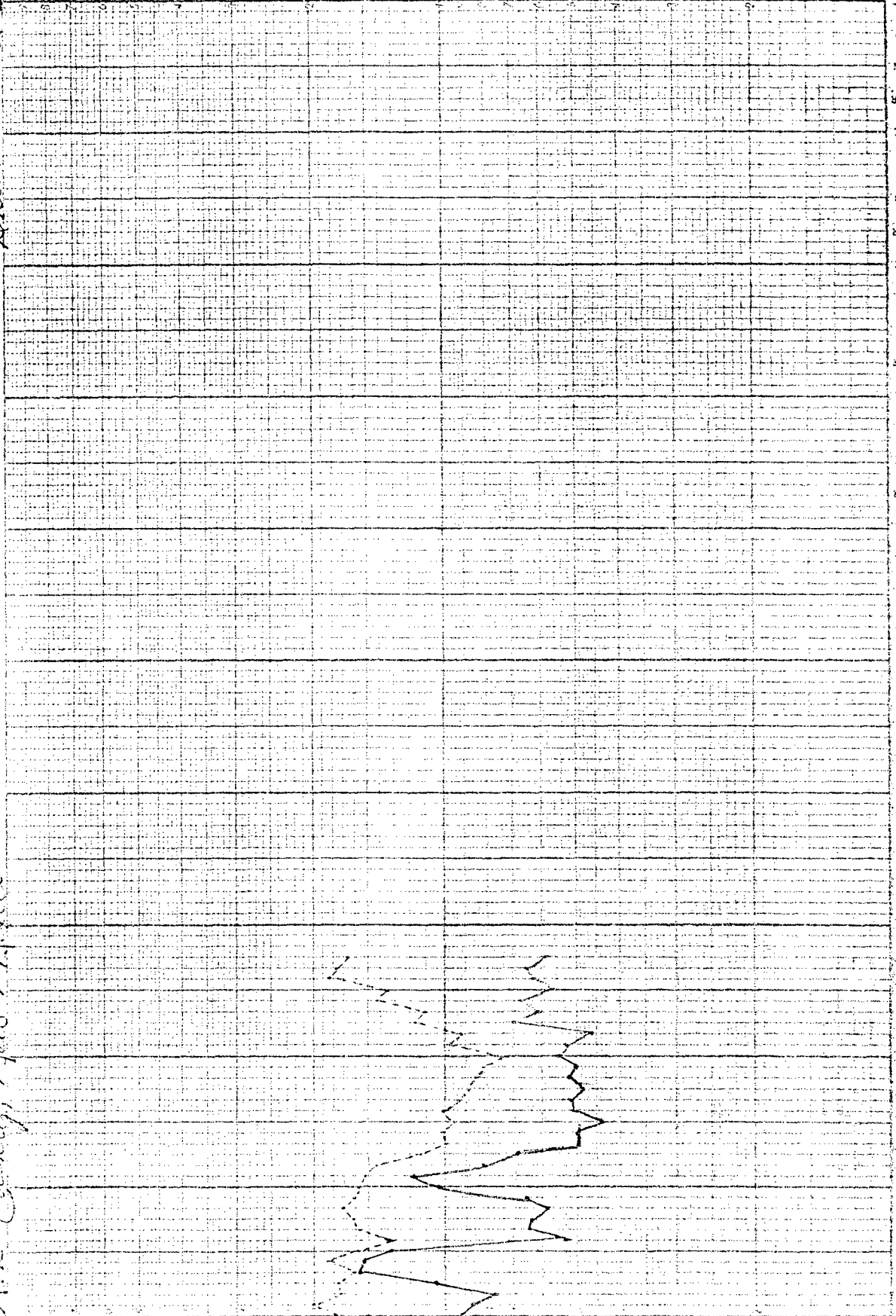
CLEARPRINT

May Gutman

3.19, T-225, R-38E

San Carlos, 7 Jan 1980

Drunk 400

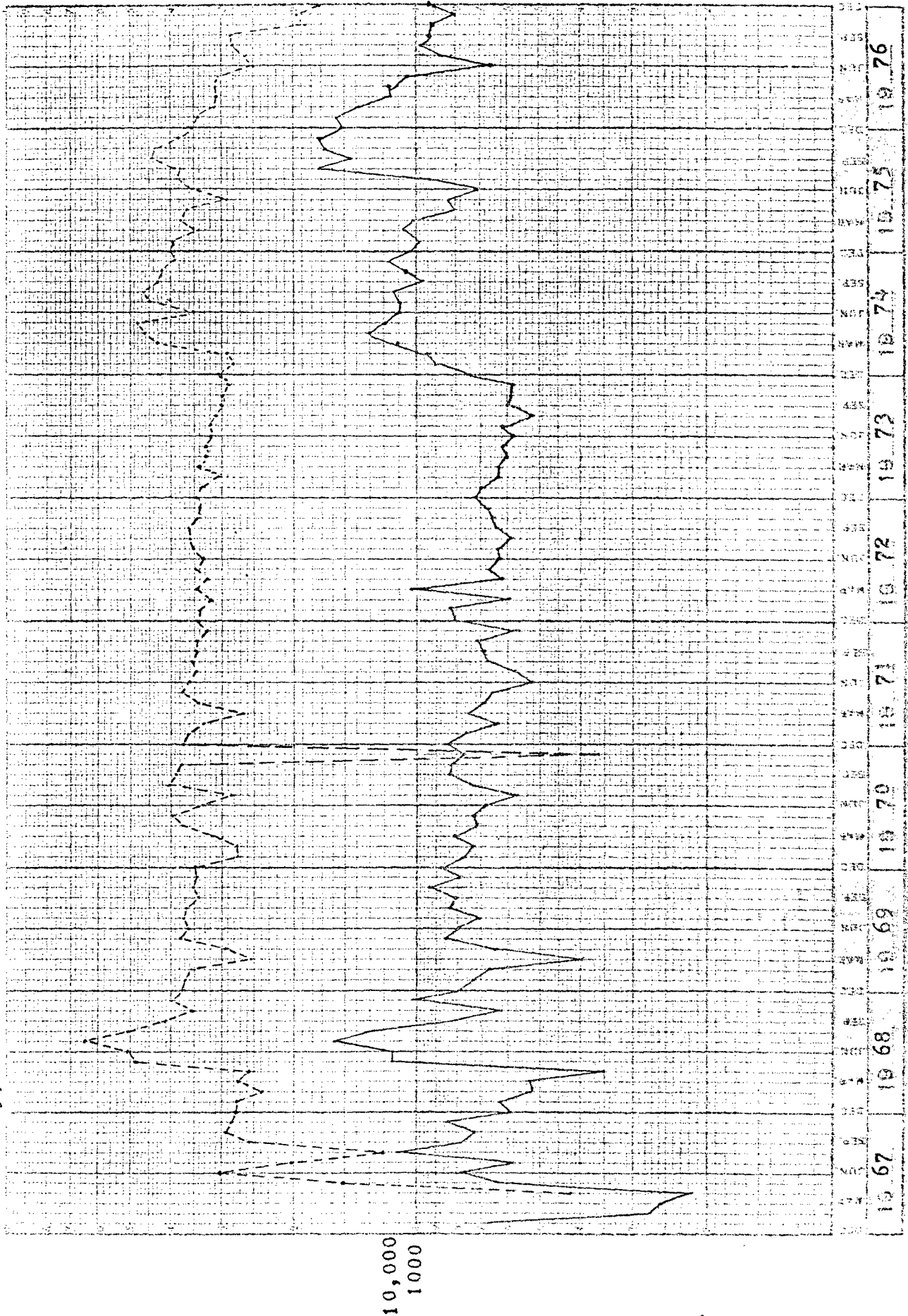


1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT

1000

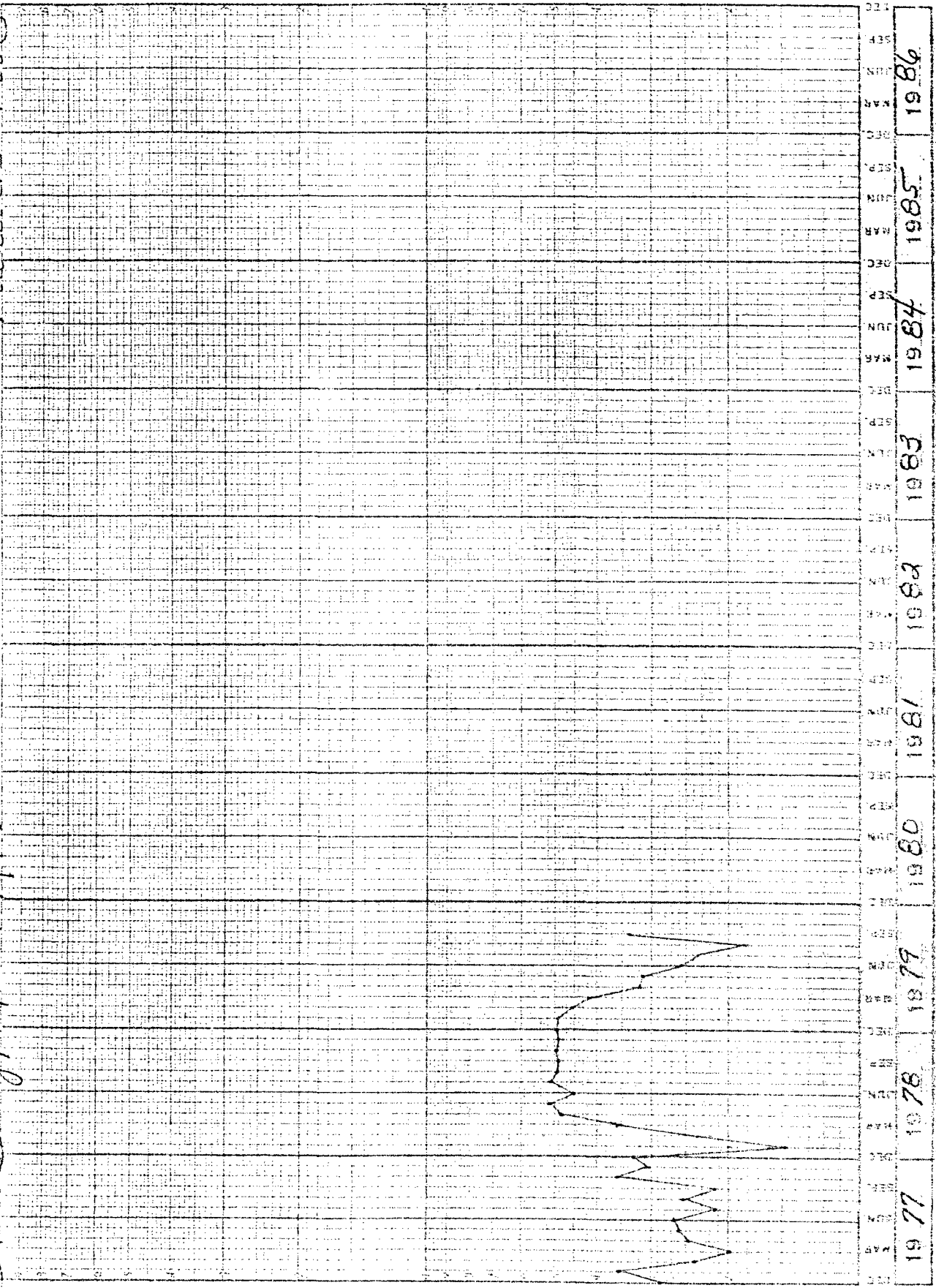
Max Gutman
 Sec. 19, T-22-S, R-38-E
 Lea County, New Mexico

Drinkard Pool



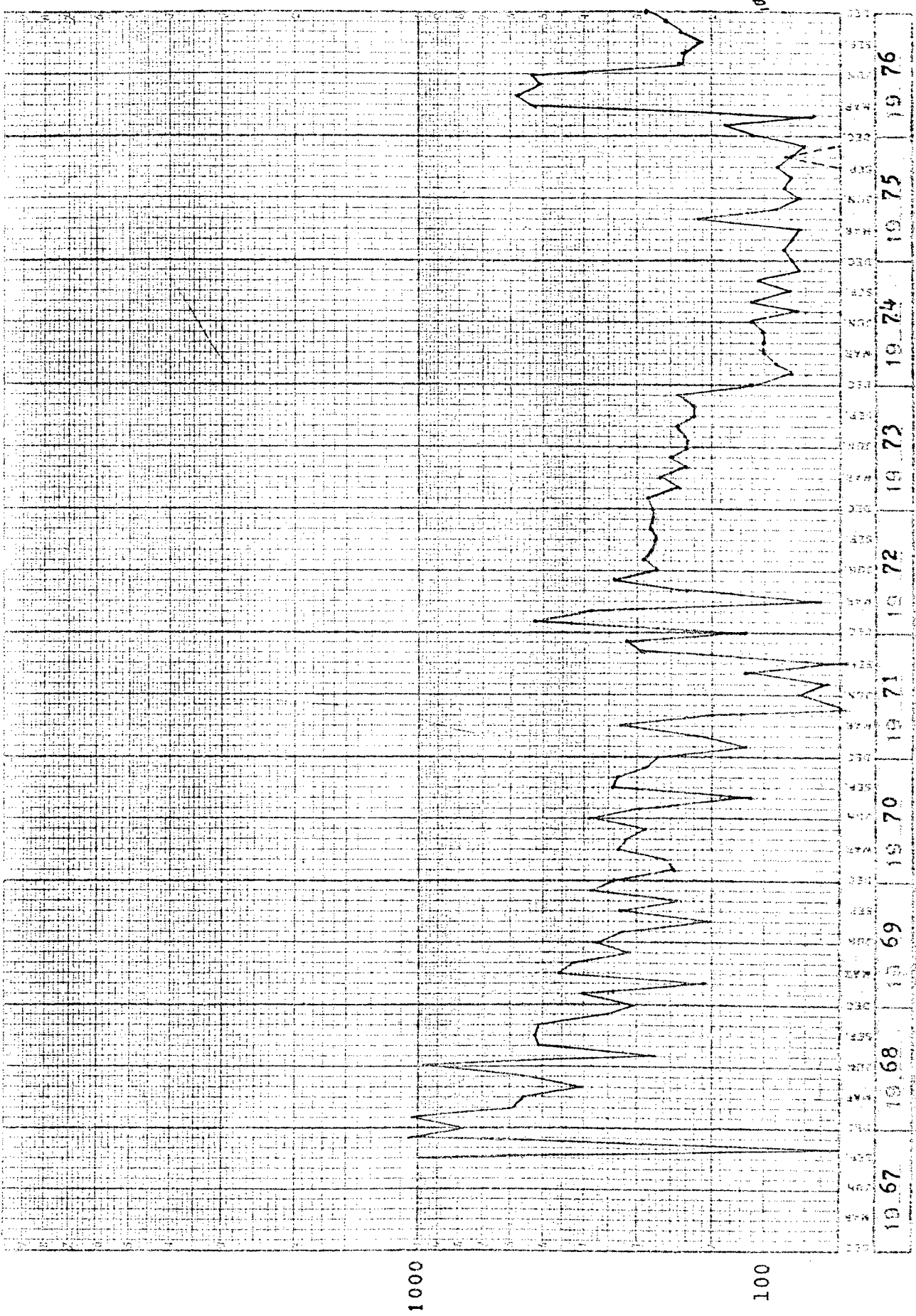
Max Suttman
3-19, 7-223, R-38E
Sea County, New Mexico

Yaddack Yool



Max Gutman
Sec. 19, T-22-S, R-38-E
Lea County, New Mexico

Paddock Pool



OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: Drinkard
 LOCATION: Sec. 19
 COUNTY & STATE: Lea County, New Mexico

Ser. No. Fee
 HOC W.I. 31.25%
 Net Lse Int. 78.125%
 HOC Net Int. 24.41406%

Date	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
<u>1976</u>						
Jan.	1578	1814193	34,370	3653999	0	
Feb.	1374	1815567	31,136	3685135	0	
Mar.	1239	1816806	30,398	3715533	0	
Apr.	1248	1818054	31,165	3746698	0	
May	1114	1819168	30,569	3777267	0	
June	656	1819824	25,046	3802313	0	
July	862	1820686	26,467	3828780	0	
Aug.	979	1821665	28,336	3857116	248	
Sep.	935	1822600	28,527	3885643	0	
Oct.	720	1823520	18,915	3904558	0	
Nov.	812	1824332	19,531	3924089	0	
Dec.	910	1825242	17,310	3941399	0	
<u>1977</u>						
Jan.	873	1826115	20,185	3961584	138	
Feb.	776	1826893	17,324	3978908	0	
Mar.	1047	1827940	17,791	3996699	168	
Apr.	1575	1829515	16,273	4012972	0	
May	1515	1831030	18,730	4031702	0	
June	1328	1832358	15,889	4047591	0	
July	536	1832894	13,466	4060997	0	
Aug.	640	1833534	15,737	4076734	0	
Sep.	630	1834164	16,059	4092793	0	
Oct.	582	1834746	17,019	4109812	403	
Nov.	650	1835396	16,032	4125844	390	
Dec.	1022	1836418	15,973	4141817	403	
<u>1978</u>						
Jan.	1192	1837610	16,263	4158080	403	
Feb.	813	1838423	14,469	4172549	130	
Mar.	683	1839106	11,426	4183975	403	
Apr.	492	1839598	9,860	4193835	390	
May	496	1840094	10,039	4203874	403	
June	431	1840525	9,588	4213462	390	
July	502	1841027	10,070	4223532	390	
Aug.	511	1841538	9,341	4232873	403	
Sep.	482	1842020	8,910	4241783	390	
Oct.	524	1842544	8,587	4241783	403	
Nov.	506	1843050	8,268	4258638	390	
Dec.	553	1843603	7,167	4265805	403	
<u>1979</u>						
Jan.	536	1844139	9,954	4275759	403	
Feb.	462	1844601	9,284	4285048	364	
Mar.	699	1845300	11,982	4297030	403	
Apr.	609	1845909	11,183	4308213	376	
May	684	1846593	14,272	4322485	403	
June	563	1847156	13,526	4336011	364	
July	568	1847724	18,329	4354340	403	
Aug.	605	1848329	17,820	4372160	124	
Sep.	589	1848918	16,756	4388916	120	
Oct.						
Nov.						
Dec.						

OPERATOR: Hanson Oil Corporation
 FIELD: Drinkard
 LOCATION: Sec. 19
 COUNTY & STATE: Lea County, New Mexico

LEASE: Max Gutman

Ser. No. Fee
 HOC W.I. 31.25%
 Net Lse Int. 78.125%
 HOC Net Int. 24.41406%

Date	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
1972						
Jan.	550	1770552	24161	1917849		
Feb.	557	1771109	21304	1939153		
Mar.	1555	1772664	24285	1963438		
Apr.	1571	1774235	23593	1987031		
May	169	1774404	34591	2021622		
June	191	1774595	23431	2045053		
July	155	1774750	3406	2048459		
Aug.	555	1775305	25555	2074014	0	
Sep.	628	1775933	36124	2110138	0	
Oct.	152	1776085	30241	2140379	0	
Nov.	154	1776239	34511	2174890	0	
Dec.	717	1776956	34804	2209694	0	
1973						
Jan.	696	1777652	37229	2246923	0	
Feb.	634	1778286	30420	2277343	0	
Mar.	585	1778871	34640	2311983	0	
Apr.	622	1779493	32015	2344000	0	
May	615	1780108	31615	2375615	0	
June	585	1780693	35224	2410839	0	
July	621	1781314	22115	2432954	0	
Aug.	579	1781893	31601	2464555	0	
Sep.	605	1782498	30222	2494777	0	
Oct.	582	1783080	30904	2525681	0	
Nov.	575	1783655	21215	2546896	0	
Dec.	912	1784567	30225	2577121	0	
1974						
Jan.	901	1785468	28406	2605527	0	
Feb.	872	1786340	29671	2635198	-	
Mar.	1187	1787527	43455	2678653	-	
Apr.	1314	1788841	44424	2723077	-	
May	1064	1790005	48325	2771402	-	
June	1162	1791167	35334	2806736	-	
July	1149	1792316	45663	2852400	-0-	
Aug.	1144	1793460	46808	2899208	-0-	
Sep.	962	1794622	43600	2942808	-0-	
Oct.	1075	1795697	42200	2985008	-0-	
Nov.	1170	1796867	39328	3024336	-0-	
Dec.	1037	1797904	46400	3070736	-0-	
1975						
Jan.	982	1798886	39307	3110043	-0-	
Feb.	1076	1800002	34234	3144277	-0-	
Mar.	1004	1801006	37741	3182018	-0-	
Apr.	816	1801822	36757	3218775	-0-	
May	834	1802656	29106	3247881	-0-	
June	202	1802858	35460	3283341	-0-	
July	933	1803791	38511	3321852	-0-	
Aug.	1712	1805503	37955	3359807	-0-	
Sep.	1454	1806957	44756	3404563	-0-	
Oct.	1696	1808653	43496	3448060	-0-	
Nov.	1712	1810365	38244	3486304	-0-	
Dec.	1519	1811884	36357	3522661	-0-	

OPERATOR: Hanson Oil Corporation
 FIELD: Drinkard
 LOCATION: Sec. 19
 COUNTY & STATE: Lea County, New Mexico

Ser. No. Fee
 HOC W.L. 31.25%
 Net Inc Int. 78.125%
 HOC Net Inc. 24.41406%

Date	No. Wells	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	\$ Wdr	Monthly GOR
1968	✓		7452		192,420			
Jan.		626	8078	27577				
Feb.		527	8605	25728				
Mar.		530	9135	27197				
Apr.		354	9489	25956				
May		1152	10641	48262				
June		1148	11789	50731				
July		1597	13386	60259				
Aug.		1282	14668	60432				
Sep.		820	15488	41121				
Oct.		624	16112	25067				
Nov.		1022	17134	30022				
Dec.		781	17915	37248				
1969	✓	10463		472572	675,055			
Jan.		729	18644	36776				
Feb.		685	19329	35369				
Mar.		397	19726	35327				
Apr.		642	20368	34216				
May		855	21223	37375				
June		792	22015	32617				
July		706	22721	32088				
Aug.		827	23548	34579				
Sep.		807	24355	30997				
Oct.		933	25288	35720				
Nov.		797	26085	34554				
Dec.		878	26963	36955				
1970	✓	9048		412527	1,088,595			
Jan.		773	27736	27471				
Feb.		729	28465	27602				
Mar.		802	29267	31430				
Apr.		718	29985	37271				
May		829	30814	39564				
June		681	31495	33368				
July		571	32066	28347				
Aug.		733	32799	40223	1,353,671			
Sep.		937	33636	38764	1,392,535			
Oct.		821	34457	37836	1,430,371			
Nov.		762	35220	2612	1,433,982			
Dec.		851	36071	27015	1,470,998			
1971	2	102		312603				
Jan.		757	36829	26240	1,507,238			
Feb.		636	37465	26710	1,533,948			
Mar.		752	38217	34572	1,568,520			
Apr.		630	38847	27508	1,596,028			
May		652	39499	27444	1,623,472			
June		596	40095	25116	1,648,588			
July		506	40601	20233	1,668,821			
Aug.		506	41107	25400	1,694,221			
Sep.		605	41712	20425	1,714,646			
Oct.		411	42123	20002	1,734,648			
Nov.		559	42682	20000	1,754,648			
Dec.		500	43182	20000	1,774,648			

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: Drinkard
 LOCATION: Sec. 19
 COUNTY & STATE:

Ser. No. Fee
 HOC W.I. 31.25%
 Net Lse Int. 78.125%
 HOC Net Int. 24.41406%

Lea County, New Mexico

Date		Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)		Monthly GOR
Jan.								
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.								
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.								
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
1967								
Jan.	1	665						
Feb.		274						
Mar.		256						
Apr.		219		4222				
May		630		15082				
June		283		30113				
July		583		20600				
Aug.		1108		12042				
Sep.		779		25769				
Oct.		723		29141				
Nov.		811		28229				
Dec.		591		27838				
		7452	7452	192,480	192,480			

OPERATOR: Hanson Oil Corporation
 FIELD: Paddock
 LOCATION: Sec. 19
 COUNTY & STATE: Lea County, New Mexico

LEASE: Max Gutman

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Date	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
1976						
Jan.	178	27026	0		0	
Feb.	36	27122	0		0	
Mar.	539	27661	0		0	
Apr.	571	28232	0		0	
May	408	28640	0		0	
June	438	29078	0		0	
July	288	29366	0		0	
Aug.	278	29644	0		0	
Sep.	232	29876	0		83	
Oct.	239	30115	0		0	
Nov.	258	30373	0		92	
Dec.	285	30658	0		0	
1977						
Jan.	353	31011	0		0	
Feb.	239	31250	0		0	
Mar.	199	31449	0		0	
Apr.	244	31693	0		87	
May	259	31952	0		93	
June	264	32216	0		0	
July	213	32429	0		0	
Aug.	255	32684	0		0	
Sep.	213	32897	0		0	
Oct.	369	33266	0		155	
Nov.	317	33583	0		150	
Dec.	360	33943	0		155	
1978						
Jan.	96	34039	0		155	
Feb.	234	34273	0		82	
Mar.	368	34641	0		131	
Apr.	475	35116	0		170	
May	510	35626	0		182	
June	456	36082	0		1263	
July	502	36584	0		179	
Aug.	487	37071	0		174	
Sep.	486	37557	0		174	
Oct.	492	38049	0		176	
Nov.	479	38528	0		171	
Dec.	494	39022	0		176	
1979						
Jan.	492	39514	0		176	
Feb.	463	39977	0	0	165	
Mar.	438	40415	0	0	156	
Apr.	518	40933	0	0	114	
May	313	41246	0	0	111	
June	261	41507	0	0	94	
July	232	41739	0	0	83	
Aug.	165	41904	0	0	155	
Sep.	337	42241	0	0	150	
Oct.						
Nov.						
Dec.						

OPERATOR: Hanson Oil Corporation
 FIELD: Paddock
 LOCATION: Sec. 19
 COUNTY & STATE: Lea County, New Mexico

LEASE: Max Gutman

Ser. No. Fee
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Date	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
1972						
Jan.	521	19241	0			
Feb.	321	19561	0			
Mar.	116	19677	0			
Apr.	229	19906	0			
May	225	20131	0			
June	260	20391	0			
July	299	20690				
Aug.	275	21130				
Sep.	271	21401				
Oct.	271	21672				
Nov.	275	21947				
Dec.	276	22223	0		0	
1973						
Jan.	282	22505	1		0	
Feb.	228	22733	0		0	
Mar.	225	22958	0		0	
Apr.	224	23182	0		0	
May	225	23407	0		0	
June	228	23635	0		0	
July	225	23860	0		0	
Aug.	240	24100	0		0	
Sep.	227	24327	0		0	
Oct.	229	24556	0		0	
Nov.	243	24800	0		0	
Dec.	129	24929	0		0	
1974						
Jan.	65	25094	0		0	
Feb.	41	25135	-		-	
Mar.	58	25193	-		-	
Apr.	56	25249	-		-	
May	55	25304	-		-	
June	119	25423	-		-	
July	55	25478	-		-	
Aug.	127	25605	-		-	
Sep.	67	25672	-		-	
Oct.	110	25782	-		-	
Nov.	50	25832	-		-	
Dec.	69	25901	-		-	
1975						
Jan.	74	25975	-0-		-	
Feb.	67	26042	-0-		-	
Mar.	55	26097	-0-		-	
Apr.	216	26313	-0-		-	
May	80	26393	-0-		-	
June	50	26443	-0-		-	
July	71	26514	-0-		-	
Aug.	62	26576	-0-		-	
Sep.	85	26661	-0-		-	
Oct.	63	26724	63		-	
Nov.	44	26768	-0-		-	
Dec.	128	26896	-0-		-	

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: Paddock
 LOCATION: Sec. 19
 COUNTY & STATE: Lea County, New Mexico

Ser. No. Fee
 HOG W.L. 31.25%
 Net Inc Int. 78.125%
 HOG Net Int. 24.41406%

Date	No. Wells	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
1968	1		2840				
Jan.		1021	3861				
Feb.		587	4448				
Mar.		554	5002				
Apr.		402	5404				
May		557	5961				
June		966	6927				
July		339	7266				
Aug.		274	7540				
Sep.		506	8046				
Oct.		512	8558				
Nov.		352	8910				
Dec.		301	9211				
1969	1	6371					
Jan.		402	9613				
Feb.		209	9822				
Mar.		451	10273				
Apr.		421	10694				
May		311	11005				
June		371	11376				
July		322	11698				
Aug.		201	11899				
Sep.		334	12233				
Oct.		232	12465				
Nov.		383	12848				
Dec.		339	13187				
1970	1	3976					
Jan.		245	13432				
Feb.		259	13691				
Mar.		331	14022				
Apr.		314	14336				
May		285	14621				
June		387	15008				
July		295	15303				
Aug.		121	15424				
Sep.		343	15767				
Oct.		333	16100				
Nov.		287	16387				
Dec.		268	16655				
1971	1	2468					
Jan.		115	16770				
Feb.		215	16985				
Mar.		327	17312				
Apr.		200	17512				
May		3	17516				
June		124	17640				
July		157	17797				
Aug.		105	17902				
Sep.		36	17938				
Oct.		292	18230				
Nov.		315	18545				

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: Paddock
 LOCATION: Sec. 19
 COUNTY & STATE:
 Lea County, New Mexico

Ser. No. Fee
 HOC W.I. 31.25%
 Net Lse Int. 78.125%
 HOC Net Int. 24.41406%

Date	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sep.						
Oct.						
Nov.						
Dec.						
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sep.						
Oct.						
Nov.						
Dec.						
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sep.						
Oct.						
Nov.						
Dec.						
1967						
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sep.	991					
Oct.	22					
Nov.	1052					
Dec.	775					

2840

2840

PERFORATIONS:

DRINKARD Perforations:

1 - 0.50" jet per foot @ 6350', 6361', 6368', 6378', 6389', 6401', 6418', 6427', 6470', 6478', 6488', 6501' & 6510'.

VIVIAN Perforations:

1 - 0.50" jets per foot @ 6649', 6680', 6702', 6725', 6734', 6747', 6759' & 6768'.

ANDREWS Perforations:

1 - 0.50" jet per foot @ 6839', 6852', 6867', 6885', 6901', 6908', 6924' & 6938'.

TREATMENT:

Drinkard Perforations @ 6350-6510'.

Acidized w/10,000 gals. 15% DS-30 via 3-1/2" tbg. between HOWCO RTTS pkr. & ret. bridge plug. Formation broke @ 2300 psi. ISDP @ 3100 psi. 10 min. SIP @ 2600 psi.

Vivian Perforations @ 6649-6768'.

Acidized w/3,000 gals. 15% DS-30 via 3-1/2" tbg. between HOWCO HM straddle packers. Formation broke @ 3900 psi. ISDP 2600 psi. 10 min. SIP @ 2400 psi.

Andrews Perforations @ 6839-6938'.

Acidized w/10,000 gals. 15% DS-30 via 3-1/2" tbg. below HOWCO HM packer. Formation broke @ 2300 psi. ISDP @ 3100 psi. 10 min. SIP @ 2600 psi.

POTENTIAL:

All zones comingled for I.P.F. 168 BOPD on 14/64" choke.

OIL PURCHASER:

Texaco, Inc.
Midland, Texas

GAS PURCHASER:

Warren Petroleum Corp.
Tulsa, Oklahoma

WELL STATUS:

Producing Oil Well.

GEOLOGICAL FM. TOPS:

Top of Anhydrite	1146 = +2202
Top of Salt	1232 = +2116
Base of Salt	2479 = + 869
Top of Yates	2523 = + 825
Top of Queen	3350 = - 2
Top of Penrose	3501 = - 153
Top of Means sand	3657 = - 309
Top of Grayburg	3700 = - 352
Top of Premier sand	3872 = - 524
Top of San Andres	3920 = - 572
Top of McKnight	5060 = -1712
Top of Glorietta	5086 = -1738
Top of Paddock	5119 = -1771
Top of Blinebry	5462 = -2114
Top of Middle Blinebry	5540 = -2192
Top of Lower Blinebry	5827 = -2478
Top of Tubb	6030 = -2682
Top of Drinkard	6254 = -2906
Top of Abo	6549 = -3201
Top of Andrews	6867 = -3519
Top of Granite Wash	7338 = -3990
Top of Granite	7388 = -4040

ERNEST A. HANSON


Harry F. Schram
Exploration Manager

WELL HISTORY REPORT

OPERATOR: Ernest A. Hanson

NO. & LEASE: #2 Max Gutman

LOCATION: 2080' FSL & 590' FWL
Sec. 19, T-22-S, R-38-E, N.M.P.M.
Lea County, New Mexico

FIELD: Drinkard

ELEVATION: 3348' Kelly Bushing (logs measured from KB)
3336' Ground Level

DRILLING CONTRACTOR: Roy H. Smith Drilling Co.
Wichita Falls, Texas

TYPE RIG: Rotary - National "50"

DRILLING COMMENCED: October 31, 1966

DRILLING COMPLETED: November 28, 1966

WELL COMPLETED: December 20, 1966

CASING PROGRAM: 8-5/8" @ 1157' w/450 sx. reg. cmt. + 2% CaCl
(Cmt. circ. to surf.)
5-1/2" @ 7394' w/200 sx. 50-50 Pozmix w/2% gel
+ 600 sx. neat Incor w/sat. NaCl. (Top of
cement @ 2480' from temp. survey)

TOTAL DEPTH: 7394' granite

P.B. TOTAL DEPTH: 7348'

TOP OF CEMENT: 2480' (from temperature survey)

DRILL STEM TESTS: DST #1 @ 5050-5070': op. 1 hr. w/fair blow &
decreasing to weak in 8 min.; rec. 2515'
gas + 60' HO&GCDM + 60' SO&GCDM. 60 min.
ISIP 1483. FP 36-66. 120 min. FSIP 1651.

DST #2 @ 5100-5120': op. 2 hrs. w/GTS in 9 min.
@ 346 MCFGPD; rec. 2515' free oil & gas +
60' HO&GDM + 60' SO&GCDM. 90 min. ISIP
2117. FP 95-458. 120 min. FSIP 2006.

DST #3 @ 5520-5650': op. 120 mins. w/GTS in 14
mins. @ 286 MCF & decreasing to 101 MCFGPD
in 20 mins.; rec. 295' SO&GCDM + 270'
HO&GCDM + 60' DM. 45 min. ISIP 1678. FP
108-222. 90 min. FSIP 1848.

DST #4 @ 7335-7394': op. 90 mins. w/fair blow &
decreasing to weak in 10 mins.; rec. 140'
DM + 10' cuttings w/NS. 90 min. ISIP 245.
FP 127-130. 120 min. FSIP 202.

CORES: Core #1 @ 4324-4350': rec. 26' being dolomite w/
scattered shows of oil throughout.

LOGS: GR-Den-Cal (Lane Wells)
GR-Acoustic (Lane Wells)
Focused (Lane Wells)
Mini-Focused (Lane Wells)
Movable Oil Plot (Lane Wells)
Temperature Survey (West Engineering Co.)
Casing Collar Locator (Lane Wells)

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE December 14, 1979

RE: Proposed MC _____
Proposed DHC X _____
Proposed NSL _____
Proposed NSP _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

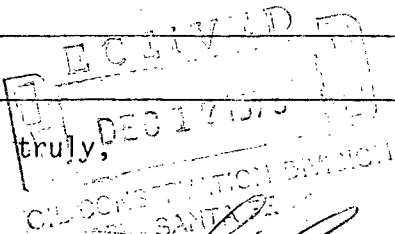
I have examined the application for the:

Hanson Oil Corp. Max Gutman No. 2-L 19-22-38
Operator Lease and Well No. Unit, S - T - R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,



Jerry L. Lipton
WLC