

HANSON OIL CORPORATION

P. O. BOX 1515

ROS WELL, NEW MEXICO 88201

PHONE AC 505-622-7330

August 28, 1980

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

Re: MAX GUTMAN #5
Unit N, Sec. 19, T.22S, R.38E
Lea County, New Mexico

Dear Mr. Ramey:

Your administrative approval is requested to permit down-hole commingling of marginal Drinkard and Granite Wash 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 is 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 and the Granite Wash zone in April, 1968. Attached is a Well History Report of the Drinkard and Granite Wash 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



Drinkard Pool -	6.50	124 acrf
Granite Wash -	25.80	64 acrf
Warranty	41	188

Bottom of 7391
may prod = 50

August 28, 1980

RULE 303-C-2 INFORMATION:

- (A) Operator: Hanson Oil Corporation
P. O. Box 1515
Roswell, New Mexico 88201
- (B) Lease: Max Gutman #5
Unit N, Sec. 19, T.22S, R.38E
Lea County, New Mexico
- (C) Well completed in the Drinkard and Granite Wash formations as a dual completion per Administrative Order R-3422.
- (D) Drinkard C-116 dated 5-9-80 and Granite Wash C-116 dated 5-9-80 are attached.
- (E) A production decline curve on both the Drinkard and Granite Wash zones from 1966 thru June, 1980 is attached.
- (F) Bottom Hole Pressure data:

Drinkard: Datum - 3002' Pressure @ Datum 990 PSI*
Gr. Wash: Datum - 7371' Pressure @ Datum 1650 PSI*

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

- (G) Fluid Characteristics:

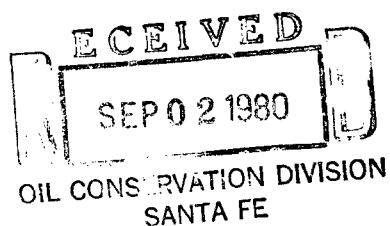
There is no evidence of incompatibility in fluids.

- (H) Value of Commingled Fluids:

	BOPD	API GRAVITY	\$/BBL	REV/DAY
Drinkard Oil	10	37.4	39.44	\$ 394.40
Granite Wash Oil	30	38.4	39.46	1183.80
TOTAL	40			\$1578.20
COMMINGLED	40	38.0	39.46	\$1578.40

- (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



Operator		Pool		County		Lea								
Hanson Oil Corporation		Granite Wash												
P. O. Box 1515, Roswell, New Mexico 88201				TYPE OF TEST - (X)		Completion [] Special []								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TDBG. PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.	
		U	S	T						R	WATER INLS.	GRAV. OIL		OIL INLS.
Gutman (Max)	1	M	19	22S	38E	4-17-80	F	13	24	0	40.7	12	45	3750-1
Gutman (Max)	5	N	19	22S	38E	4-18-80	F	37	24	0	40.7	35	64	1829-1

RECEIVED
SEP 02 1980
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 321 and appropriate pool rules.

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

[Signature]
(Signature)
Production Clerk

May 9, 1980
(Title)

GAS-OIL RATIO TESTS

C-116

Revised 1-1-65

Hanson Oil Corporation		Orinkard		Lea							
LEASE NAME		P. O. Box 1515, Roswell, New Mexico 88201		TYPE OF TEST - (X)		SCHEDULED		COMPLETION		SPECIAL	
WELL NO.	LOCATION	DATE OF TEST	CHOKE SIZE	TEST PRESS.	DAILY ALLOWABLE	LENGTH OF TEST HOURS	WATER DBLS.	GRAV. OIL	OIL DBLS.	GAS M.C.F.	GAS - OIL RATIO CU.FT./BBL.
Gutman (Max)	22S 38E	4-23-80	F		6	24	1	39.1	6	116	19333-1
Gutman (Max)	19 22S 38E	4-24-80	F		6	24	1	39.1	6	124	20667-1
Gutman (Max)	19 22S 38E	4-25-80	F		10	24	1	39.1	10	75	7500-1
Gutman (Max)	19 22S 38E	4-22-80	F		6	24	1	39.1	6	60	10000-1
* Note - Are Not Down Hole Commingling											
Kingwood	25 21S 36E	4-28-80	P		8	24	75	35.4	5	27	5400-1
Shell State	36 21S 36E	4-29-80	P		16	24	5	38.2	17	150	8824-1
Shell State	36 21S 36E	4-30-80	P		15	24	4	38.2	16	125	7813-1

RECEIVED
SEP 02 1980
OIL CONSERVATION DIVISION
SANTA FE

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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 be 0.60.

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

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

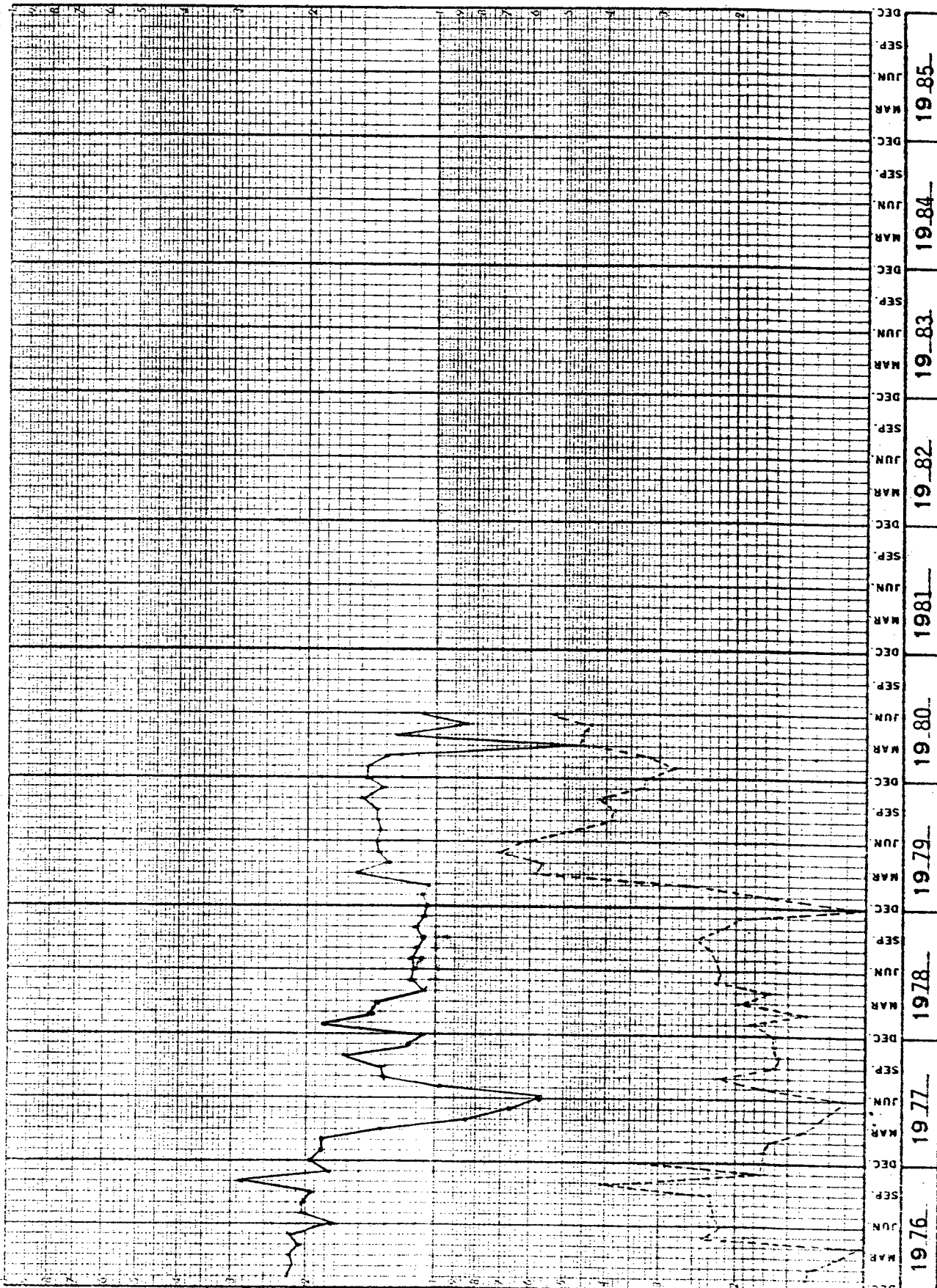
I hereby certify that the above information is true and complete to the best of my knowledge and belief.

Samuel Schmidt
(Signature)
Production Clerk

May 9, 1980
(Date)

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

East Brunson-Granite Wash Pool



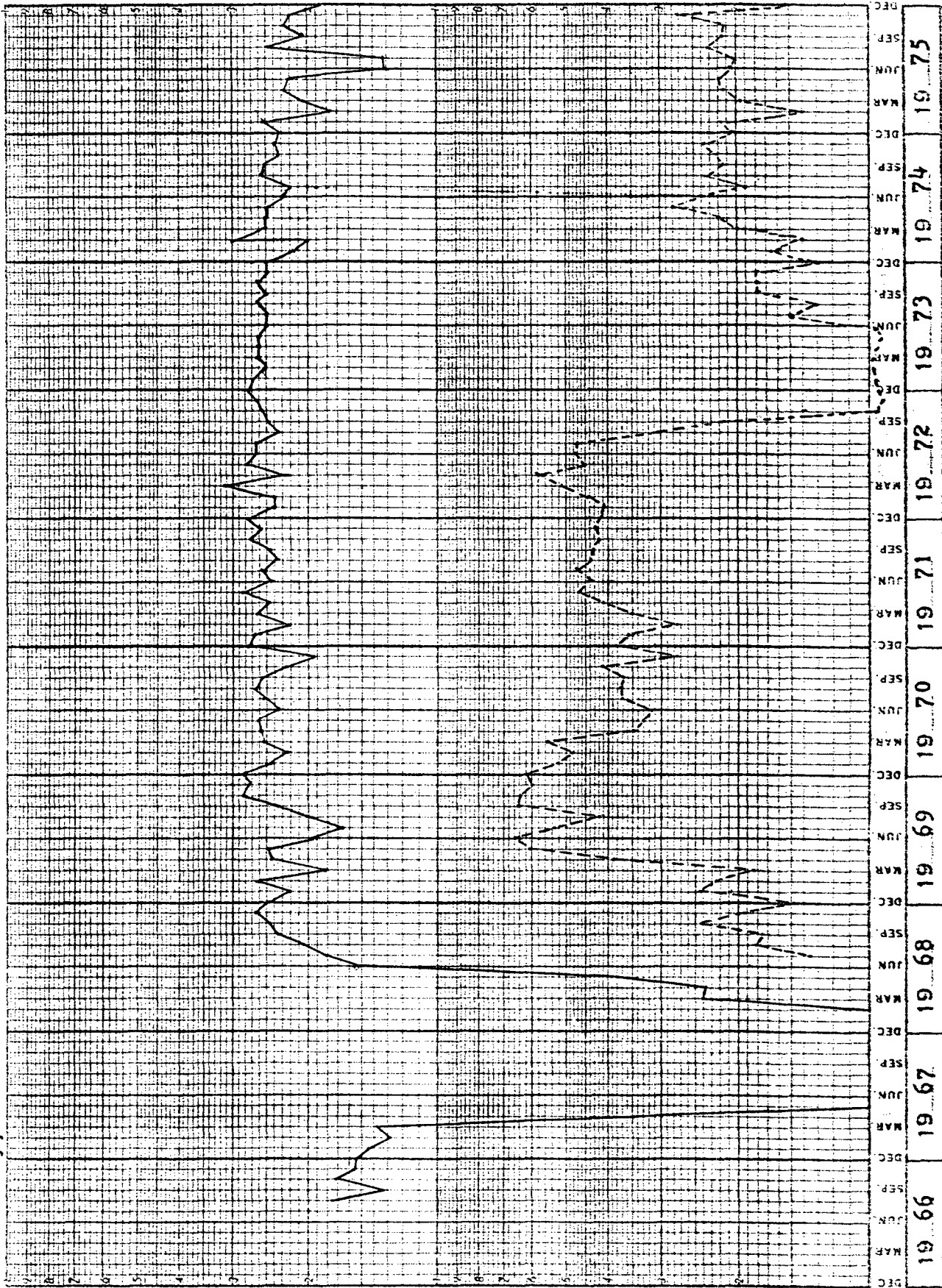
10,000
1,000

100

Max Gutman

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

East Brunson-Granite Wash Pool



10,000
1000

10,000 MC7

OPERATOR: Hanson Oil Corporation
 FIELD: Wantz Granite Wash
 LOCATION: Sec. 19
 COUNTY & STATE: Lea County, NM

LEASE: Max Gutman

Ser. No.
 HOC W.I.
 Net Lse Int.
 HOC Net Int.

Date		Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)		Monthly GOR
Jan.	1980	1443	303836	2770	390537	0		
Feb.		1361	305137	3141	393678	0		
Mar.		450	305587	4168	398296	0		
Apr.		1203	306790	4586	402882	0		
May		841	307631	4338	407220	0		
June		1071	308702	5114	412334	0		
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.	1981							
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.	1982							
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.	1983							
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

OPERATOR: Hanson Oil Corporation
 FIELD: Wantz Granite Wash
 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
1976						
Jan.	2201	235014	1355	270393	0	
Feb.	2167	237181	1339	271732	0	
Mar.	2196	239377	1170	272902	0	
Apr.	2060	241437	1026	273928	0	
May	2185	243622	2366	276294	0	
June	1707	245329	2175	278469	0	
July	2071	247400	2214	280683	0	
Aug.	2021	249421	2225	282958	0	
Sep.	1998	251419	2294	285252	0	
Oct.	2085	253504	4016	289268	0	
Nov.	1786	255290	1760	291028	0	
Dec.	1985	257275	3314	294342	0	
1977						
Jan.	1839	259114	1714	296056	0	
Feb.	1828	260942	1659	297715	0	
Mar.	1308	262250	1370	299085	0	
Apr.	847	263097	829	299914	0	
May	677	263774	830	300744	0	
June	566	264340	1124	301868	0	
July	990	265330	1716	303584	0	
Aug.	1316	266646	2226	305810	0	
Sep.	1319	267965	1607	307417	0	
Oct.	1620	269585	1590	309007	0	
Nov.	1166	270751	1608	310615	0	
Dec.	1093	271844	1619	312234	0	
1978						
Jan.	1823	273667	1848	314082	0	
Feb.	1406	275073	1373	315455	0	
Mar.	1351	276424	1982	317437	0	
Apr.	1055	277479	1693	319130	0	
May	1118	278597	2205	321335	0	
June	1105	279702	2186	323521	0	
July	1139	280841	2206	325727	0	
Aug.	1107	281948	2265	327992	0	
Sep.	1072	283020	2485	330477	0	
Oct.	1112	284132	2150	332627	0	
Nov.	1083	285215	1977	334604	0	
Dec.	1043	286258	1009	335613	0	
1979						
Jan.	1078	287336	1692	337305	0	
Feb.	1044	288380	2573	339878	0	
Mar.	1513	289893	5825	345706	0	
Apr.	1291	291184	5788	351494	0	
May	1352	292536	7121	358615	0	
June	1362	293898	6086	364701	0	
July	1341	295245	4844	369545	0	
Aug.	1353	296598	3850	373395	0	
Sep.	1366	297964	3503	377198	0	
Oct.	1550	299514	4031	381229	0	
Nov.	1425	300939	3272	384501	0	
Dec.	1454	302393	3266	387767	0	

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: ^{WANTZ} East Brunson - Granite Wash
 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 1972	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
Jan.	2403	119114	4028	168952		
Feb.	2015	121519	4420	173372		
Mar.	2169	124688	5139	178511		
Apr.	2223	126911	5179	184290		
May	2796	129707	4514	188804		
June	2623	132330	4755	193559		
July	2600	134930	4706	198265		
Aug.	2343	137273	2028	201650	0	
Sep.	2485	139758	2465	203815	0	
Oct.	2546	142304	575	204390	0	
Nov.	2622	144926	354	204744	0	
Dec.	2740	147737	415	205159	0	
1973						
Jan.	2704	150441	506	205665	0	
Feb.	2501	152942	749	206414	0	
Mar.	2457	155609	841	207255	0	
Apr.	2613	158222	728	207983	0	
May	2676	160898	564	208547	0	
June	2523	163421	847	209394	0	
July	2574	166010	1522	210932	0	
Aug.	2606	168616	1297	212329	0	
Sep.	2526	171182	1321	214150	0	
Oct.	2663	173845	1813	215963	0	
Nov.	2599	176444	1861	217824	0	
Dec.	2565	179009	1307	219151	0	
1974						
Jan.	2161	181170	1691	220842	0	
Feb.	2088	183258	1464	222306	0	
Mar.	3086	186344	2094	224400	0	
Apr.	2573	188917	2276	226676	0	
May	2575	191492	2877	229553	0	
June	2384	193876	2421	231974	0	
July	2248	196124	1991	233965	0	
Aug.	2596	198720	2334	236319	0	
Sep.	2528	201248	2167	238486	0	
Oct.	2343	203591	2326	240712	0	
Nov.	2397	205988	2396	243108	0	
Dec.	2348	208336	2055	245163	0	
1975						
Jan.	2501	210837	2182	247345	0	
Feb.	1783	212620	1403	248748	0	
Mar.	2062	214682	1965	250713	0	
Apr.	2276	216958	2134	252847	0	
May	2247	219205	2192	255039	0	
June	1320	220525	2062	257101	0	
July	1317	221842	2043	259144	0	
Aug.	2497	224339	2303	261447	0	
Sep.	2081	226420	2188	263635	0	
Oct.	2297	228717	2148	265783	0	
Nov.	2201	230918	1726	267509	0	
Dec.	1895	232813	1529	269038	0	

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: East Brunson - Granite Wash
 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	No. Wells	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Wt. %	Monthly GOR
1968	1		12390					
Jan.								
Feb.		38	12428					
Mar.		241	12669					
Apr.		238	12907					
May		276	13183					
June		1503	14686	458				
July		1801	16487	1367				
Aug.		2042	18529	1809				
Sep.		2351	20880	1747				
Oct.		2470	23350	2404				
Nov.		2649	25999	1908				
Dec.		2499	28498	1471				
1969		16108		11,164	11,164			
Jan.	/	2238	30736	2426				
Feb.		2627	33363	2231				
Mar.		1806	35169	1826				
Apr.		2424	37602	2841				
May		2492	40095	6023				
June		1955	42050	6565				
July		1664	43714	5324				
Aug.		1953	45667	4197				
Sep.		2387	48054	6409				
Oct.		2802	50856	6399				
Nov.		2769	53625	5973				
Dec.		2800	56425	6150				
1970	2	27927		57,114	68,578			
Jan.		2457	58882	5209				
Feb.		2234	61116	4868				
Mar.		2548	63664	5589				
Apr.		2595	66259	3479				
May		2600	68859	3302				
June		2389	71248	3154				
July		2551	73799	3702				
Aug.		2677	76476	2719	101600			
Sep.		2568	79044	3690	125290			
Oct.		2261	81305	4111	109401			
Nov.		1924	83229	2755	112156			
Dec.		2746	85975	3825	115981			
1971	2	29530		47,403				
Jan.		2676	88651	3595	119576			
Feb.		2210	90861	2761	122337			
Mar.		2629	93490	2505	125842			
Apr.		2486	95976	4070	129912			
May		2812	98788	4679	134591			
June		2406	101194	4399	138990			
July		2577	103771	4716	143706			
Aug.		2362	106133	4213	147919			
Sep.		2090	108223	4209	152128			
Oct.		2153	110376	4130	156258			
Nov.		2591	112967	4213	160471			

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: East Brunson - Granite Wash
 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								
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Sep.								
Oct.								
Nov.								
Dec.								
Jan.								
Feb.								
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June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
1966								
Jan.	1							
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.		1771		—				
Sep.		1325		—				
Oct.		1206		—				
Nov.		1564		639				
Dec.		1556		1640				
1967		7922	7922	2279				
Jan.	1	1455		1996				
Feb.		1295		1498				
Mar.		1372		1649				
Apr.		346		727				
May		—		—				
June		—		—				
July		—		—				
Aug.		—		—				
Sep.		—		—				
Oct.		—		—				
Nov.		—		—				
Dec.		—		—				
		4466	12390	5870				

S. 19, T-22S, R-38E

La Cienega, New Mexico

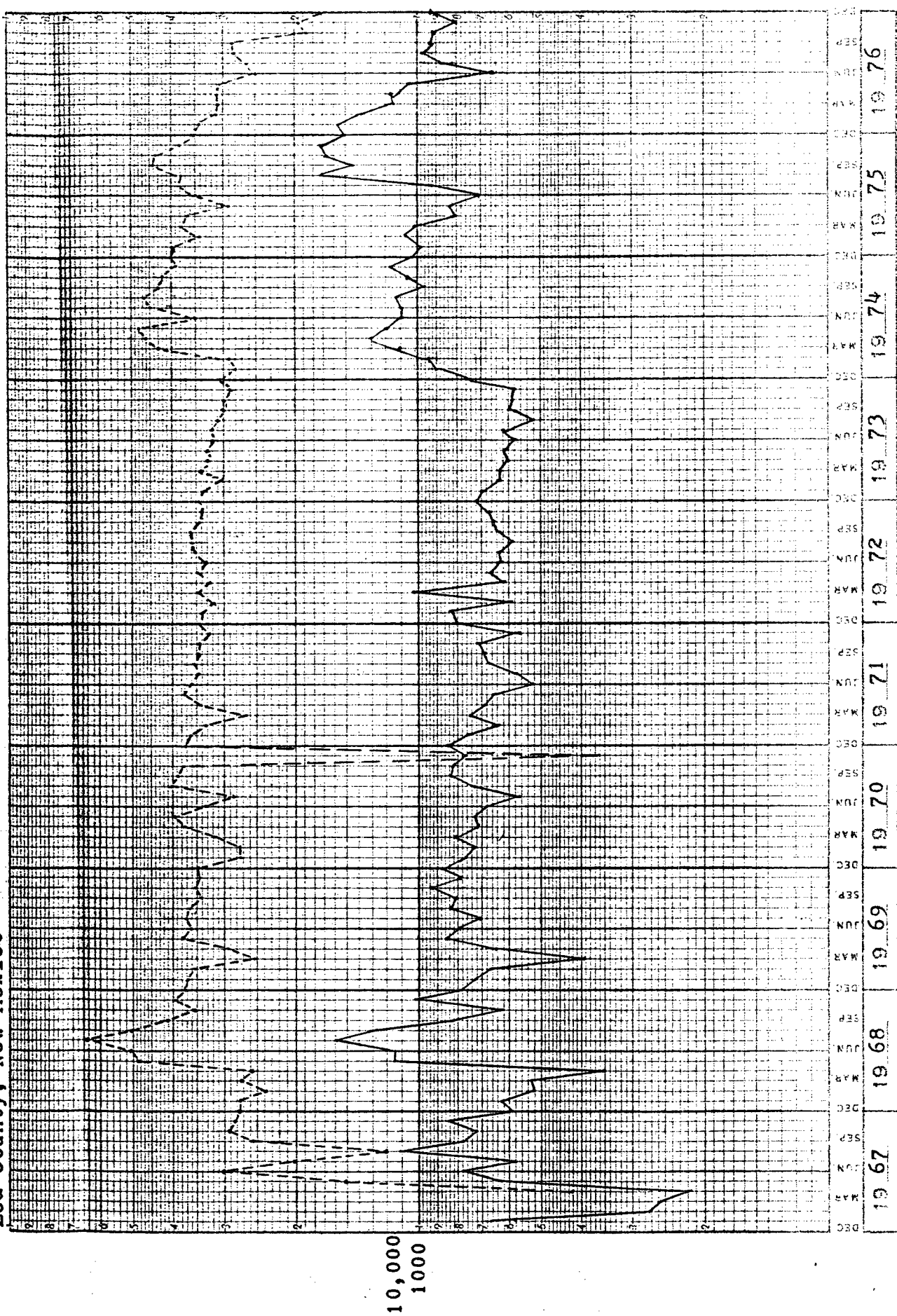
Drinkard Book



CLEARPRINT CHARTS

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

Drinkard Pool



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

LEASE: Max Gutman

Ser. No.
HOC W.I.
Net Lse Int.
HOC Net Int.

Date		Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)		Monthly GOR
Jan.	1980	868	1851621	10593	4441151	124		
Feb.		764	1852325	9275	4450426	116		
Mar.		764	1853089	11588	4462014	124		
Apr.		684	1853773	10921	4472835	127		
May		1008	1854781	11627	4484462	104		
June		988	1855769	13334	4497796	1187		
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.	1981							
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.	1982							
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.	1983							
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								

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.	949	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	13,406	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	9,289	4285048	364	
Mar.	699	1845300	11,982	4297030	403	
Apr.	609	1845909	11,183	4308213	390	
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.	567	1849485	16,095	4405011	109	
Nov.	524	1850009	13,839	4418850	120	
Dec.	744	1850753	11,708	4430558	124	

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 1972	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
Jan.	889	1770552	341161	1917842		
Feb.	587	1771170	31998	1949841		
Mar.	1055	177325	24253	1954224		
Apr.	157	1772437	33593	2017817		
May	669	1773091	34896	2052713		
June	621	1773712	23431	2076144		
July	125	1774007	3526	210170		
Aug.	585	1774927	3535	215275	0	
Sep.	628	1775585	36124	2193199	0	
Oct.	652	1776207	34500	2227745	0	
Nov.	664	1776871	34110	2262017	6	
Dec.	717	1777588	34804	2296821	0	
1973						
Jan.	696	1778284	33339	2330160	0	
Feb.	634	1778918	30420	2360580	0	
Mar.	635	1779553	34060	2394640	0	
Apr.	603	1780156	33012	2427652	0	
May	618	1780774	33616	2461272	0	
June	584	1781358	32272	2494145	0	
July	621	1781979	32125	2526280	0	
Aug.	529	1782512	31601	2557881	0	
Sep.	605	1783123	30323	2588204	0	
Oct.	592	1783721	30704	2618908	0	
Nov.	500	1784211	29314	2648220	0	
Dec.	943	1785054	32225	2679201	0	
1974						
Jan.	907	1785961	22106	2707613	0	
Feb.	872	1786833	29671	2737284	-	
Mar.	1187	1788020	43455	2780739	-	
Apr.	1314	1789334	46404	2827143	-	
May	1204	1790538	48340	2875483	-	
June	1163	1791638	35204	2910687	-	
July	1149	1792787	45663	2956350	-0-	
Aug.	1144	1793931	46808	3003158	-0-	
Sep.	962	1794893	43000	3046158	-0-	
Oct.	1075	1795968	42200	3088358	-0-	
Nov.	1170	1797138	39228	3127586	-0-	
Dec.	1037	1798175	40400	3167986	-0-	
1975						
Jan.	982	1799157	39307	3207293	-0-	
Feb.	1076	1800233	34234	3241527	-0-	
Mar.	1004	1801237	37741	3279268	-0-	
Apr.	816	1802053	36757	3316025	-0-	
May	834	1802887	29106	3345131	-0-	
June	702	1803589	35460	3380591	-0-	
July	933	1804522	38511	3419102	-0-	
Aug.	1712	1806234	37950	3457052	-0-	
Sep.	1454	1807688	44286	3501338	-0-	
Oct.	1696	1809384	43690	3545028	-0-	
Nov.	1712	1811096	38244	3583272	-0-	
Dec.	1519	1812615	36357	3619629	-0-	

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman

FIELD: Drinkard

LOCATION: Sec. 19

COUNTY & STATE:

Lea County, New Mexico

Ser. No. Fee

HOC W.L. 31.25%

Net Use Int. 72.125%

HOC Net Inc. 24.41406%

Date	No. Wells	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	WTR	Monthly GOR
1968	✓		7452		192,480			
Jan.		626	8078	22577				
Feb.		527	8605	22728				
Mar.		530	9135	22797				
Apr.		354	9489	25750				
May		1152	10641	48866				
June		1148	11789	50731				
July		1597	13386	60659				
Aug.		1282	14668	60432				
Sep.		820	15488	41121				
Oct.		624	16112	35447				
Nov.		1022	17134	39422				
Dec.		781	17915	37248				
1969	✓	10463		482578	675,058			
Jan.		729	18644	36786				
Feb.		685	19329	35369				
Mar.		397	19726	35327				
Apr.		642	20368	39276				
May		855	21223	37875				
June		792	22015	36652				
July		706	22721	37118				
Aug.		827	23548	36579				
Sep.		807	24355	34697				
Oct.		933	25288	35234				
Nov.		797	26085	34553				
Dec.		878	26963	34955				
1970	✓	9048		413337	1,088,395			
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.		837	33636	38864	1,392,535			
Oct.		821	34457	37836	1,430,371			
Nov.		763	35220	2612	1,433,982			
Dec.		851	36071	37015	1,470,998			
1971	2	9108		382603				
Jan.		737	36829	36240	1,507,238			
Feb.		636	37465	26719	1,533,957			
Mar.		743	38208	34072	1,568,029			
Apr.		690	38898	27508	1,605,537			
May		652	39550	27454	1,642,992			
June		526	40076	35000	1,677,992			
July		546	40622	34000	1,711,992			
Aug.		674	41296	35200	1,747,192			
Sep.		690	41986	34907	1,782,099			
Oct.		711	42727	34062	1,816,161			
Nov.		559	43286	30110	1,846,271			
Dec.		801	44087	34511	1,880,782			

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
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		783		30113				
July		583		20040				
Aug.		1108		12042				
Sep.		779		25769				
Oct.		723		29141				
Nov.		841		28229				
Dec.		591		27938				
		7452	7452	192,480	192,480			

WELL HISTORY REPORT

OPERATOR: Ernest A. Hanson

NO. & LEASE: #5 Max Gutman

LOCATION: 640' FSL & 1650' FWL
Sec. 19, T-22-S, R-38-E, N.M.P.M.
Lea County, New Mexico

FIELDS: Drinkard
Undesignated Granite Wash

ELEVATION: 3358' Kelly Bushing (logs measured from KB)
3346' Ground Level

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

TYPE RIG: Rotary - National "50"

DRILLING COMMENCED: March 16, 1968

DRILLING COMPLETED: April 6, 1968

WELL COMPLETED: April 23, 1968

CASING PROGRAM: 8-5/8" @ 1180' w/450 sx. reg. cmt. + 2% CaCl
(Cmt. circ. to surf.)
5-1/2" @ 7447' w/425 sx. Incor + 6% NaCl + 5# sand per
sx. cmt.

TOTAL DEPTH: 7447' Granite Wash

P.B. TOTAL DEPTH 7419'

TOP OF CEMENT: (from temperature survey)

DRILL STEM TESTS: DST #1 @ 7341-7447': op. 1 hr. w/weak blow for 19 min.
and quit. Rec. 90' drilling fluid + 112' cutting
in D.C.'s. Tool plugged. 1 hr. ISIP 2946#.
FP 229-2942#. 2 hr. FSIP 2947#. Unsuccessful test.

CORES: Core #1 @ 2538-2552': rec. 6' being 2" gray sandy shale +
4' light gray dolomite, NS.

LOGS: GR-Den-Cal (Welex)
GR-N perforating log (Welex)
Temperature Survey (West Engineering Co.)

PERFORATIONS: UPPER DRINKARD Perforations:
1 - 3/8" jet per foot @ 6392', 6398', 6411', 6421', 6433',
6441', 6451', 6460' & 6468'.
LOWER DRINKARD Perforations:
1 - 3/8" jet per foot @ 6505', 6511', 6523', 6528', 6535',
6543', 6549' & 6558'.
VIVIAN Perforations:
1 - 3/8" jet per foot @ 6671, 6688', 6697', 6715', 6728',
6741', 6750', 6765', 6781', & 6796'.
ANDREWS Perforations:
1 - 3/8" jet per foot @ 6855', 6862', 6875', 6885', 6891',
6903', 6917', 6928', 6945', 6953' & 6963'.
GRANITE WASH Perforations:
1 - 0.50" jet per foot @ 7356', 7366', 7373', 7386' & 7391'.

TREATMENT:

Granite Wash Perforations @ 7356-7391'.

Treatment #1: Acidized w/1000 gals. 15% DS-30 acid via 3-1/2" tubing below HOWCO RTTS packer. Formation broke @ 4400 psi. ISDP @ 2800 psi. 10 min. SIP 2400 psi. Swabbed back load and acid and swabbed dry.

Treatment #2: Acidized w/5000 gals. 15% DS-30 acid via 3-1/2" tubing using ball sealers below a HOWCO RTTS packer. Swabbed back load and approximately 15 bbls. acid water when well commenced to swab 100% oil. After several swab runs and well cleaned up, well swabbed 35 barrels of oil in one hour and could not swab below 4200 feet from surface.

Andrews Perforations @ 6855-6963'.

Frac with 2500 gals. 15% DS-30 acid + 20,811 gals. lease oil + 1/2 lbs. sand per gal. via 3-1/2" tubing limited entry between HM straddle packers. Attempted to frac with 3/4 lbs. sand but treatment began screening-out. ISDP @ 3100 psi. Frac rate @ 15.8 BOPM.

Vivian Perforations @ 6671-6796'.

Frac with 2500 gals. 15% DS-30 acid + 20,811 gals. lease oil + 1/2 lbs. sand per gal via 3-1/2" tubing limited entry between HM straddle packers. ISDP @ 3000 psi. Frac rate @ 14.0 BOPM.

Lower Drinkard Perforations @ 6505-6558'.

Frac with 2500 gals 15% DS-30 acid + 20,811 gals. lease oil + 3/4 lbs. sand per gal. via 3-1/2" tubing limited entry between HM straddle packers. ISDP @ 2800 psi. Frac rate @ 16.9 BOPM.

Upper Drinkard Perforations @ 6392-6468'.

Frac with 2500 gals. 15% DS-30 acid + 20,811 gals. lease oil + 1 lb. sand per gal. via 3-1/2" tubing limited entry between HM straddle packers. ISDP @ 2400 psi. Frac rate @ 20.6 BOPM.

POTENTIAL:

Drinkard (6392-6963') IPF 260 BOPD.

Granite Wash (7356-7391') IPF 840 BOPD.

OIL PURCHASER:

Texaco, Inc.
Midland, Texas

GAS PURCHASER:

Warren Petroleum Corporation
Tulsa, Oklahoma

WELL STATUS:

Producing oil well.

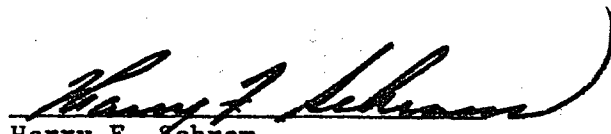
GEOLOGICAL FM. TOPS:

Top of Anhydrite	1158 = +2200
Top of Salt	1255 = +2103
Base of Salt	2496 = + 862
Top of Yates	2540 = + 818
Top of Queen	3365 = - 7
Top of Penrose	3517 = - 159
Top of Means Sand	3687 = - 329
Top of Grayburg	3718 = - 360
Top of Premier Sand	3897 = - 539
Top of San Andres	3945 = - 587
Top of McKnight	5087 = -1729
Top of Glorietta	5111 = -1753
Top of Paddock	5138 = -1780
Top of Blinebry	5480 = -2122
Top of Middle Blinebry	5560 = -2202
Top of Lower Blinebry	5847 = -2489

GEOLOGICAL FM. TOPS CONT'D.

Top of Tubb	6062 = -2704
Top of Drinkard	6270 = -2912
Top of Abo	6568 = -3210
Top of Vivian	6661 = -3303
Top of Andrews	6852 = -3494
Top of Granite Wash	7352 = -3994

ERNEST A. HANSON



Harry F. Schram
Exploration Manager