

HANSON OIL CORPORATION

P. O. BOX 1515

ROSWELL, NEW MEXICO 88201

PHONE AC 505-622-7330

August 28, 1980

*Date 9-22
File - 326*

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

Re: MAX GUTMAN #1
Unit M, 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 Blinebry and Granite Wash production, per Rule 303-C-2, on the above captioned well.

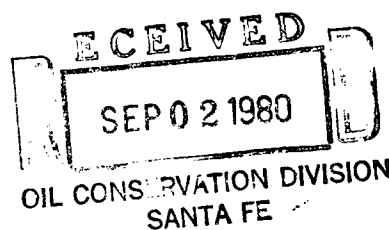
There is no evidence of fluid incompatibility and we do not expect any waste or reservoir damage due to down-hole commingling in the well bore. Ownership in the two pools is common, and correlative rights will not be violated. Down-hole commingling will allow the recovery of additional hydrocarbons from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

The subject well was drilled and completed in the Blinebry zone and the Granite Wash zone in July, 1966. Attached is a Well History Report of the Blinebry 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

*Blinebry 2020 193 mcf
Granite 1280 45 mcf
32 238*

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 #1
Unit M, Sec. 19, T.22S, R.38E
Lea County, New Mexico
- (C) Well completed in the Blinebry and Granite Wash formation as a dual completion per Administrative Order R-3160. ✓
- (D) Blinebry C-116 dated 10-9-79 and Granite Wash C-116 dated 5-9-80 are attached.
- (E) A production decline curve on both the Blinebry and Granite Wash zones from 1966 thru June, 1980 is attached.
- (F) Bottom Hole Pressure data:

Blinebry: Datum - 2226', Pressure @ Datum 712 PSI*
Granite Wash: Datum - 7299', Pressure @ Datum 1920 PSI*

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

- (G) Fluid Characteristics:

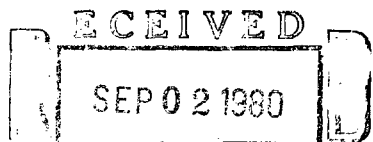
There is no evidence of incompatibility in fluids.

- (H) Value of Commingled Fluids:

	BOPD	API GRAVITY	\$/BBL	REV/DAY
Blinebry Oil	15	37.8	39.44	591.60
Granite Wash Oil	12	38.5	39.46	473.52
TOTAL	27			\$1065.12
COMMINGLED	27	38.2	39.46	\$1065.42

- (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

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea															
Hanson Oil Corporation		Blinebry																			
Address		P. O. Box 1515, Roswell, New Mexico, 88201		TYPE OF TEST - (X)		Completion ☐ Special ☐															
LEASE NAME		WELL NO.		LOCATION		DATE OF TEST		CHOKES SIZE		TBG. PRESS.		DAILY ALLOWABLE		LENGTH OF TEST HOURS		PROD. DURING TEST		GAS - OIL RATIO CU. FT./BBL.			
				U S T R										WATER BBL.S.		GRAV. OIL		OIL BBL.S.		GAS M.C.F.	
Gutman (Max)	1	M	19	22S	38E	9-04-79	F					20	24	1	37.2	20	193	9650-1			
Gutman (Max)	6	K	19	22S	38E	9-05-79	P					12	24	1	37.2	12	160	13333-1			
Gutman (Max)	7	D	19	22S	38E	9-06-79	F					12	24	1	37.2	12	80	6667-1			
Kingwood	2	O	25	21S	36E	9-14-79	P					17	24	175	35.1	17	138	8118-1			
Mattern	1	L	30	21S	38E	9-12-79	P					22	24	255	35.8	22	183	8318-1			
Mattern	2	K	30	21S	38E	9-13-79	P					14	24	10	35.8	14	40	2857-1			
Moore	1	I	25	21S	36E	9-07-79	P					22	24	170	34.7	22	164	7455-1			
Shell State	1	O	36	21S	36E	9-10-79	P					26	24	5	36.1	26	170	6538-1			
Shell State	2	J	36	21S	36E	9-11-79	F					26	24	4	36.1	26	157	6038-1			

RECEIVED
SEP 02 1980
CONSERVATION DIVISION
SANTA FE

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

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.

Gerard R. Schultz
(Signature)
Production Clerk
October 9, 1979
(Date)

GAS-OIL RATIO TESTS

Operator		Pool		County		Lea								
Hanson Oil Corporation		Granite Wash												
Address		P. O. Box 1515, Roswell, New Mexico 88201		TYPE OF TEST - (X)		Completion []								
LEASE NAME	WELL NO.	LOCATION			DATE OF TEST	CHOKE SIZE	TDG. PRESS.	DAILY ALLOW-ABLE	LENGTH OF TEST HOURS	PROD. DURING TEST			GAS - OIL RATIO CU.FT./BBL.	
		U	S	T						R	WATER BBL.S.	GRAV. OIL		OIL BBL.S.
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 32) and appropriate pool rules.

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

D. J. [Signature]
(Signature)

Production Clerk

(Title)

May 9, 1980

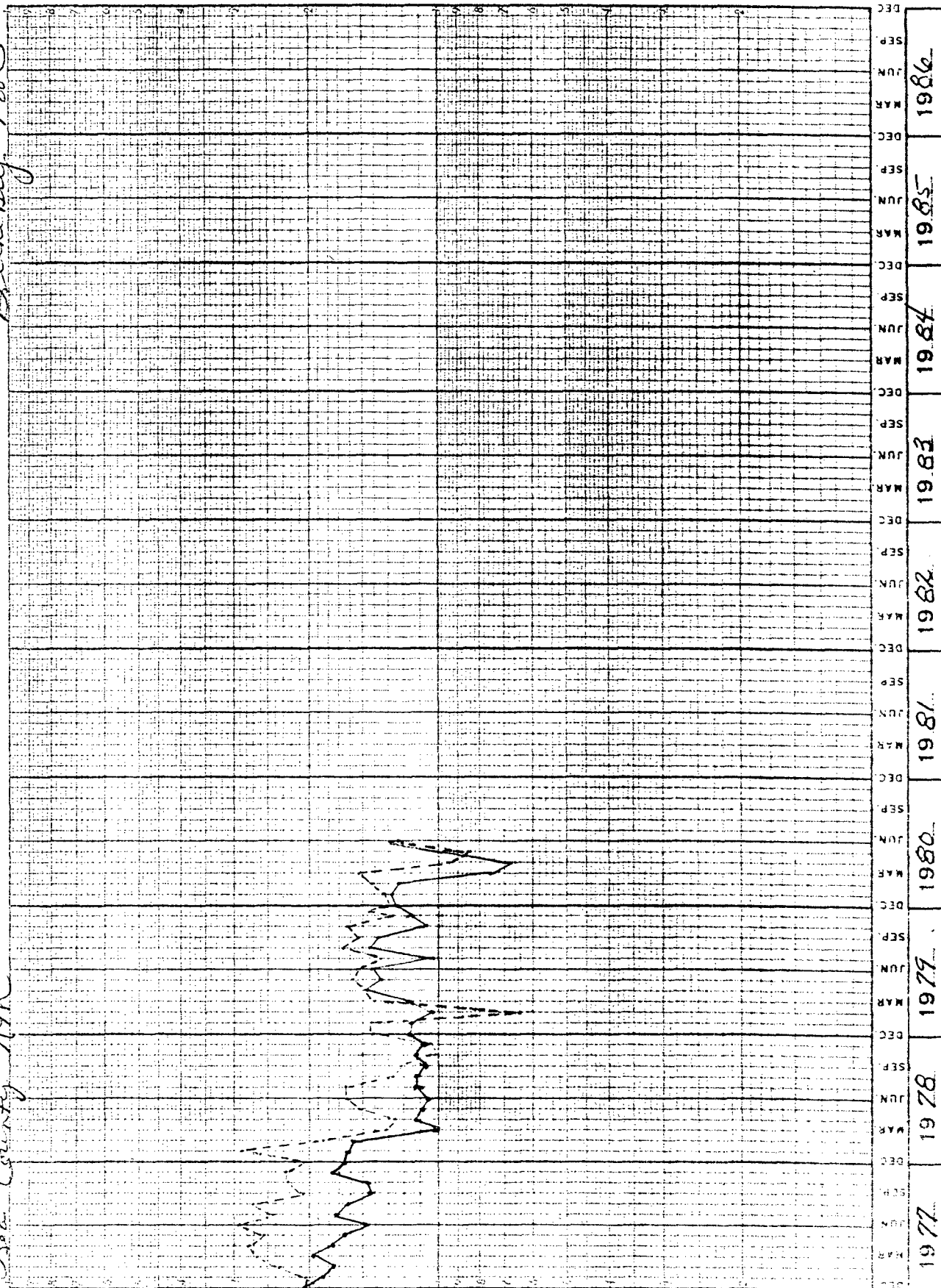
(Date)

Max Gutman

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

Lea County, N.M.

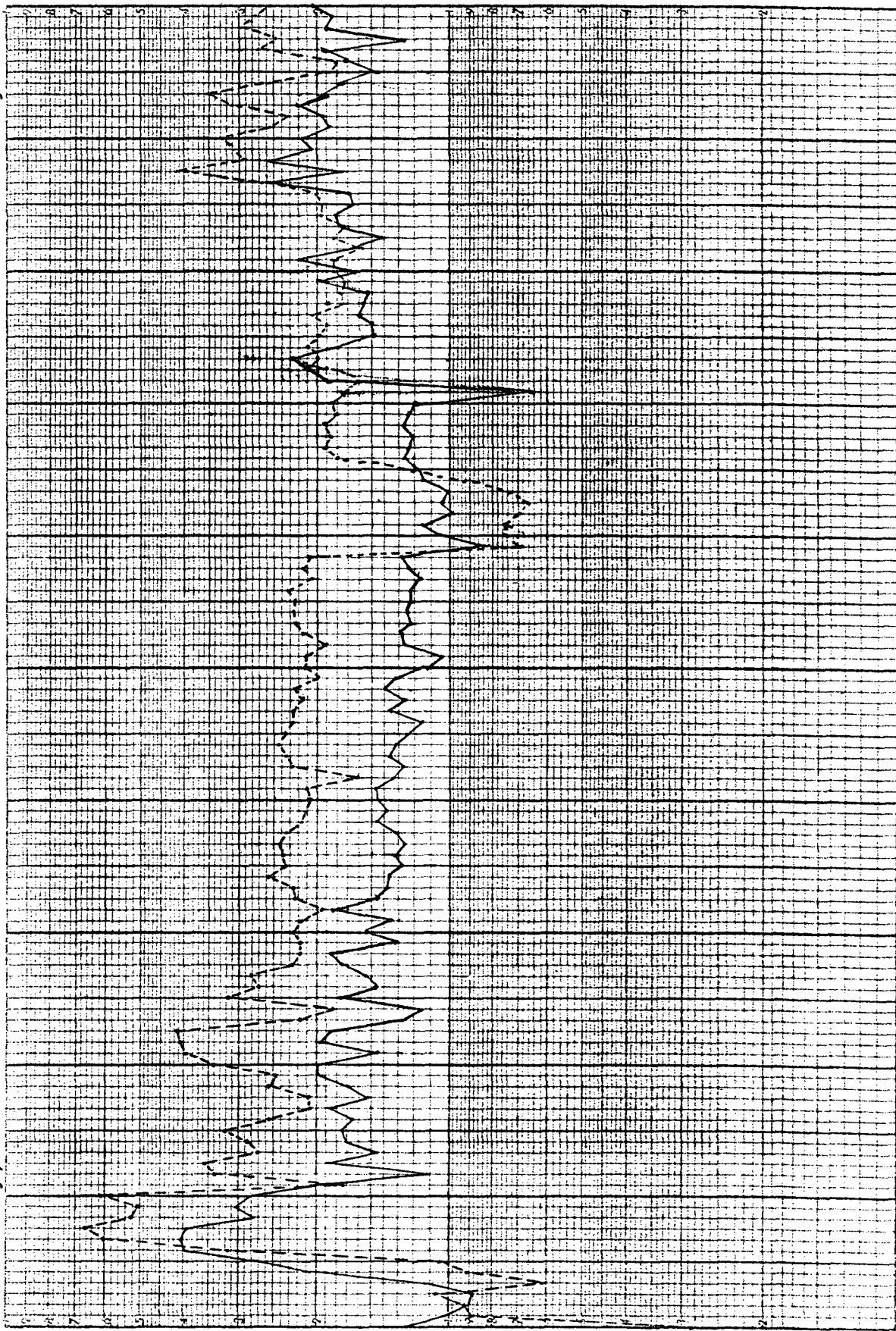
2 Pineburg Rd



CLEARPRINT CHARTS

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

Blinebry Pool



10,000
1000

OPERATOR: Hanson Oil Corporation
 FIELD: Blinebry
 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	1296	248194	13246	3539716	93		
Feb.		1273	249467	14320	3574036	87		
Mar.		757	250224	15067	3589103	93		
Apr.		683	250907	9255	3598358	126		
May		973	251880	7515	3605873	224		
June		1287	253167	12614	3618487	175		
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: Blinbry
 LOCATION: Sec 19
 COUNTY & STATE: Lea County, New Mexico

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
1972						
Jan.	1031	103745	21087	1574625		
Feb.	1264	105009	19212	1613837		
Mar.	1290	106299	21499	1635336		
Apr.	1204	107503	22270	1657612		
May	1269	108772	22424	1680036		
June	1207	109979	22345	1702381		
July	1211	111190	23286	1725667		
Aug.	1182	112372	20608	1861996	0	
Sep.	1243	113615	21798	1883794	0	
Oct.	1289	114904	20811	1904605	0	
Nov.	817	115721	6866	1911471	0	
Dec.	1030	116751	6726	1918197	0	
1973						
Jan.	1140	117891	7499	1925696	0	
Feb.	982	118873	6951	1932647	0	
Mar.	1031	119904	6720	1939367	0	
Apr.	1001	120905	7378	1946745	0	
May	1145	122070	9229	1955974	0	
June	1180	123250	12134	1968108	0	
July	1287	124537	18598	1986706	0	
Aug.	1266	125803	19157	2005863	0	
Sep.	1223	127026	18953	2024816	0	
Oct.	1278	128304	19348	2044164	0	
Nov.	1240	129544	18221	2062385	0	
Dec.	1206	130750	18195	2080580	0	
1974						
Jan.	667	131417	17443	2098023	0	
Feb.	1938	133355	16731	2114754	0	
Mar.	2199	135554	19838	2134592	0	
Apr.	2361	137915	20755	2155347	0	
May	1818	139733	21633	2176980	0	
June	1565	141298	20850	2197830	0	
July	1567	142865	19058	2216888	0	
Aug.	1679	144544	20390	2237278	0	
Sep.	1588	146132	17955	2255263	0	
Oct.	1568	147700	17961	2273224	0	
Nov.	1982	149682	17413	2290637	0	
Dec.	1648	151330	18055	2308692	0	
1975						
Jan.	2209	153539	18417	2327109	-0-	
Feb.	1663	155202	15962	2343071	-0-	
Mar.	1401	156603	18624	2361695	-0-	
Apr.	1790	158393	17487	2379182	-0-	
May	1805	160198	19940	2399122	-0-	
June	1636	161834	19877	2418999	-0-	
July	1693	163527	20014	2439013	-0-	
Aug.	2558	166085	26903	2465916	-0-	
Sep.	1754	167839	41947	2507863	-0-	
Oct.	2577	170416	29877	2537740	-0-	
Nov.	2066	172482	30964	2568704	-0-	
Dec.	2242	174724	32510	2601214	-0-	

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

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

Date 1972	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
Jan.	1031	103745	21087	1594625		
Feb.	1264	105009	19212	1613837		
Mar.	1290	106299	21440	1635336		
Apr.	1201	107503	22270	1657612		
May	1269	108772	22424	1680036		
June	1261	109933	22345	1702381		
July	1211	111144	23256	1725637		
Aug.	1182	112326	20663	1961996	0	
Sep.	1243	113569	21702	1883794	0	
Oct.	1259	114828	21111	1904905	0	
Nov.	817	115645	18664	1911471	0	
Dec.	1030	116675	6726	1918197	0	
1973						
Jan.	1140	117815	7499	1925696	0	
Feb.	982	118797	6951	1932647	0	
Mar.	1031	119828	6720	1939367	0	
Apr.	1001	120829	7372	1946739	0	
May	1165	121994	9229	1955968	0	
June	1180	123174	12134	1968102	0	
July	1227	124401	12592	1980694	0	
Aug.	1266	125667	19157	2000851	0	
Sep.	1223	126890	18953	2019804	0	
Oct.	1278	128168	19348	2039152	0	
Nov.	1240	129408	18221	2057373	0	
Dec.	1206	130614	18195	2075568	0	
1974						
Jan.	667	131281	17443	2093011	0	
Feb.	1938	133219	16731	2109742	-	
Mar.	2199	135418	19238	2128980	-	
Apr.	2361	137779	20755	2149735	-	
May	1818	139597	21633	2171368	-	
June	1565	141162	20850	2192218	-	
July	1567	142729	19058	2211276	-	
Aug.	1679	144408	20390		-	
Sep.	1588	146000	17985		-	
Oct.	1568	147568	17961		-	
Nov.	1982	149550	17413		-	
Dec.	1648	151198	18055		-	
1975						
Jan.	2209	18417				
Feb.	1663	15962				
Mar.	1401	18624				
Apr.	1790	17877				
May	1805	19640				
June	1636	1987				
July	1693					
Aug.	2558					
Sep.	1754					
Oct.	2577					
Nov.	2066					
Dec.	2242					

OPERATOR: Hanson Oil Corporation
 FIELD: Blinebry
 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
1968	✓		30,530		380,330			
Jan.		2012		17130				
Feb.		1108		31398				
Mar.		1894		35844				
Apr.		1460		27054				
May		1706		28825				
June		1747		32003				
July		1648		25441				
Aug.		1876		20710				
Sep.		1521		10952				
Oct.		1699		25779				
Nov.		1990		24953				
Dec.		1991		34142				
1969		20,652	51182	324,231	704,561			
Jan.	✓	1438		39491				
Feb.		1975		40175				
Mar.		1858		41069				
Apr.		1292		21720				
May		1161		18324				
June		1772		31705				
July		1494		27054				
Aug.		1539		28036				
Sep.		1767		22824				
Oct.		1850		21924				
Nov.		1304		21944				
Dec.		1531		22626				
1970		18,984	70,166	336,892	1,041,453			
Jan.	✓	1369	71535	21922				
Feb.		1839	73374	19487				
Mar.		1448	74822	22342				
Apr.		1399	76221	22667				
May		1394	77615	25491				
June		1297	78912	23536				
July		1311	80223	23987				
Aug.		1661	81484	24358	1,225,643			
Sep.		1303	82787	23458	1,249,101			
Oct.		1464	84251	21635	1,270,736			
Nov.		1392	85643	21129	1,291,945			
Dec.		1452	87095	20710	1,312,655			
1971	2	16929		271,202				
Jan.		1436	88581	20104	1,332,759			
Feb.		1233	89814	16665	1,348,824			
Mar.		1279	91093	22809	1,371,633			
Apr.		1367	92460	22411	1,395,044			
May		1312	93872	22531	1,419,475			
June		1243	95115	22328	1,442,803			
July		1166	96281	22787	1,465,590			
Aug.		1209	97490	22211	1,487,801			
Sep.		1258	98748	21502	1,509,303			
Oct.		1000	100288	22571	1,531,874			
Nov.		1314	101602	20002	1,551,876			
Dec.		1112	102714	21172	1,573,048			

OPERATOR: Hanson Oil Corporation LEASE: Max Gutman
 FIELD: Blinebry
 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						
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1966						
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sep.						
Oct.						
Nov.						
Dec.	1	1243	2871			
1967		1243	2871	2871		
Jan.		1010	8884			
Feb.		901	9240			
Mar.		889	10723			
Apr.		1118	6162			
May		2048	9138			
June	2	2712	10585			
July		3450	31606			
Aug.		4057	60080			
Sep.		3946	66746			
Oct.		2773	52058			
Nov.		3020	50755			
Dec.		2863	61451			
29278		30,530	377,459	380,330		
29287						

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

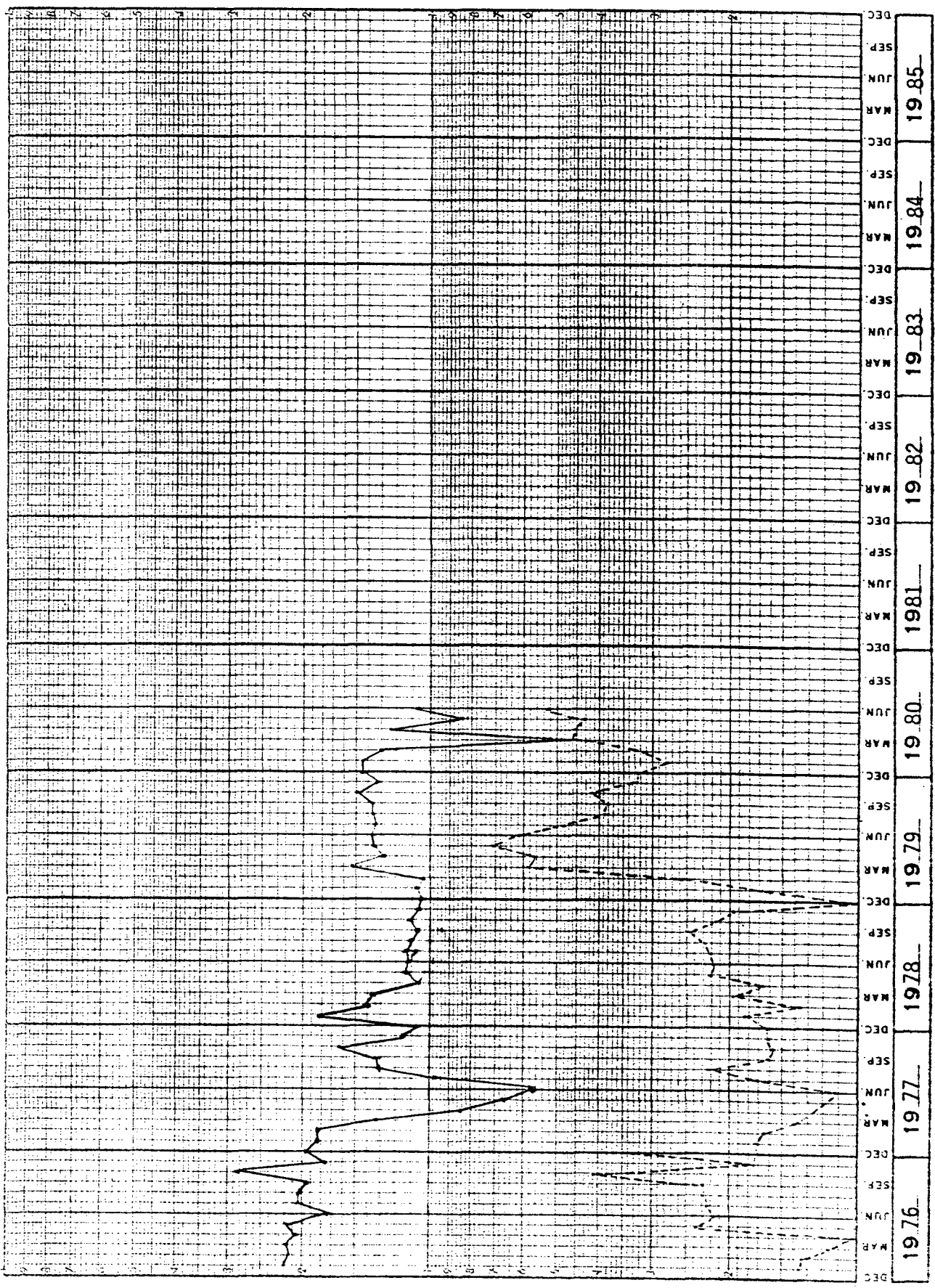
LEASE: Max Gutman

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
1976						
Jan.	1889	176613	25513	2626727	0	
Feb.	1944	178557	23458	2650185	0	
Mar.	2202	180759	31288	2681473	0	
Apr.	1911	182670	35869	2717342	0	
May	1727	184397	25998	2743340	0	
June	1437	185834	18795	2762135	0	
July	1717	187551	18111	2780246	0	
Aug.	1914	189465	27287	2807533	0	
Sep.	1282	190747	24232	2831765	0	
Oct.	1949	192696	29963	2861728	0	
Nov.	1894	194590	27761	2889489	0	
Dec.	2156	196746	25512	2915001	0	
1977						
Jan.	1862	198608	21885	2936886	0	
Feb.	1748	200356	21542	2958428	0	
Mar.	1966	202322	23533	2981961	170	
Apr.	1755	204077	26594	3008555	0	
May	1688	205765	27750	3036305	0	
June	1448	207213	25764	3062069	0	
July	1769	208982	29231	3091300	0	
Aug.	1622	210604	24198	3115498	0	
Sep.	1419	212023	22046	3137544	0	
Oct.	1435	213458	20993	3158537	0	
Nov.	1799	215257	22523	3181060	0	
Dec.	1644	216901	22903	3203963	0	
1978						
Jan.	1637	218538	20869	3224832	0	
Feb.	1571	220109	18972	3243804	0	
Mar.	1005	221114	13320	3257124	0	
Apr.	1118	222232	12659	3269783	0	
May	1111	223343	15151	3284934	0	
June	1089	224432	16284	3301218	0	
July	1112	225544	16306	3317524	0	
Aug.	1109	226653	12893	3330417	0	
Sep.	1087	227740	12150	3342567	0	
Oct.	1109	228849	10216	3352783	0	
Nov.	1091	229940	10673	3363456	0	
Dec.	1182	231122	14063	3377519	0	
1979						
Jan.	1175	232297	14177	3391696	0	
Feb.	1034	233331	6551	3398247	0	
Mar.	1283	234614	14001	3412248	0	
Apr.	1560	236174	14958	3427206	0	
May	1665	238139	15977	3443183	0	
June	1408	239547	15079	3458262	0	
July	1031	240578	13355	3471617	0	
Aug.	1410	241988	16723	3488340	93	
Sep.	1386	243374	16026	3504366	90	
Oct.	1009	244463	16127	3520493	93	
Nov.	1185	245648	12653	3533146	90	
Dec.	1250	246898	12724	3545870	93	

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

East Brunson-Granite Wash Pool

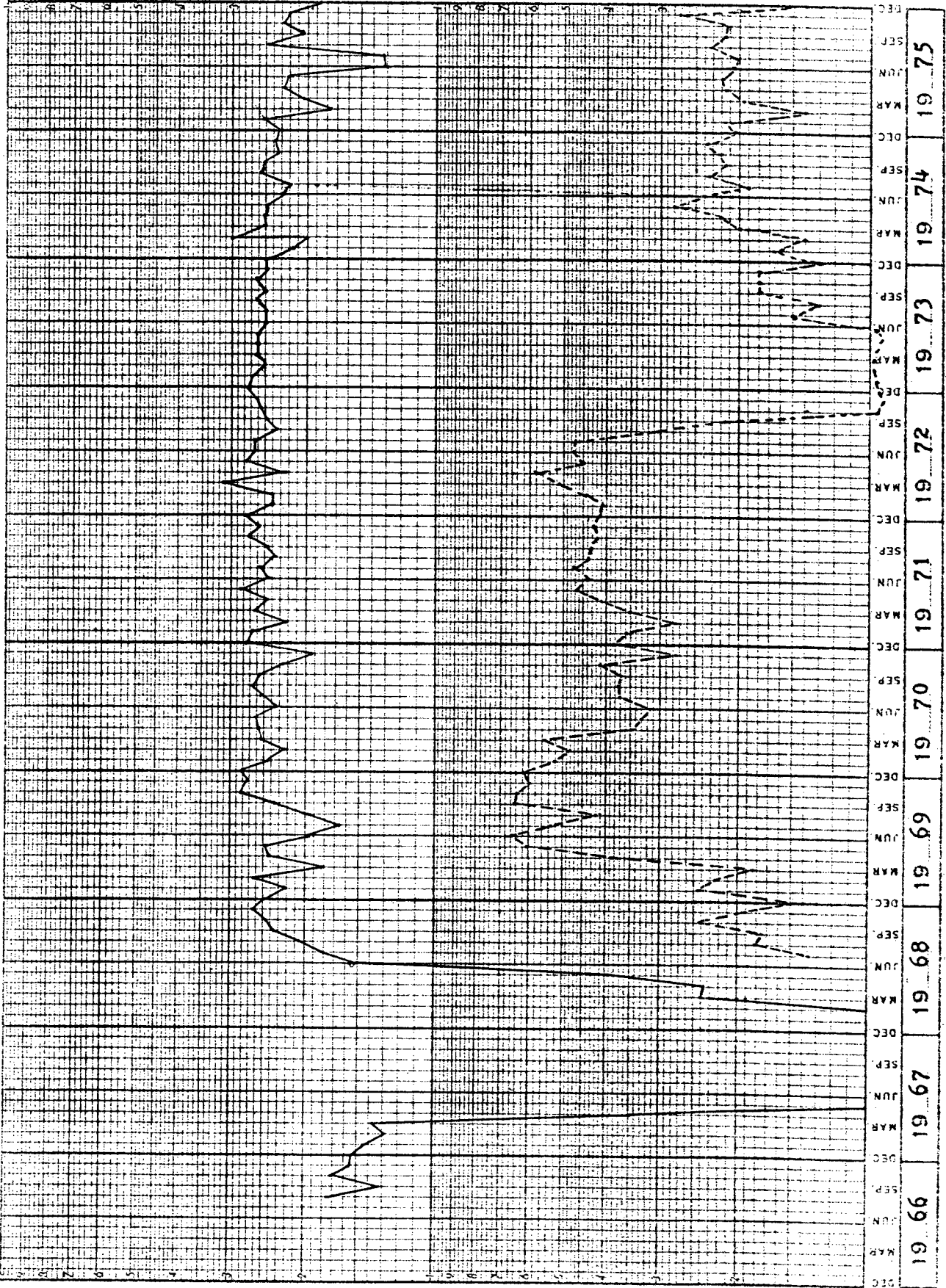


Max Gutman

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

Lea County, New Mexico

East Brunson-Granite Wash Pool



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	305197	3141	393678	0		
Mar.		450	305647	4618	398296	0		
Apr.		1203	306850	4586	402882	0		
May		841	307691	4338	407220	0		
June		1071	308762	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	2275	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	5823	345706	0	
Apr.	1297	291184	5788	351494	0	
May	1352	292536	7121	358615	0	
June	1362	293898	6086	364701	0	
July	1347	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 Branson - 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.	2105	121519	4420	173372		
Mar.	2169	124688	5139	178511		
Apr.	2223	126911	5179	184290		
May	2776	129707	4514	188804		
June	2627	132334	4733	193537		
July	2611	134945	4706	198243		
Aug.	2343	137338	2025	201650	0	
Sep.	3485	139123	2165	203815	0	
Oct.	2546	142369	575	204390	0	
Nov.	2628	144997	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	2533	163421	847	209394	0	
July	2559	166010	1538	210932	0	
Aug.	2626	168616	1297	212329	0	
Sep.	2526	171182	1821	214150	0	
Oct.	2663	173845	1813	215963	0	
Nov.	2599	176444	1861	217824	0	
Dec.	2565	179009	1327	219151	0	
1974						
Jan.	2161	181170	1691	220842	0	
Feb.	2088	183258	1464	222306	0	
Mar.	3086	186344	2094	224400	0	
Apr.	2573	188917	2274	226674	0	
May	2575	191492	2899	229573	0	
June	2384	193876	2431	231994	0	
July	2248	196124	1991	233985	0	
Aug.	3596	198720	2334	236319	0	
Sep.	3528	201248	2167	238486	0	
Oct.	3343	203591	2226	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

Sec. No. Fee
 HOC W.L. 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.	1	2238	30736	2426				
Feb.		2627	33363	2231				
Mar.		1806	35169	1826				
Apr.		2434	37603	3841				
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		57,014	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	3719	101600			
Sep.		2568	79044	3690	105290			
Oct.		2261	81305	4111	109401			
Nov.		1924	83229	2755	112156			
Dec.		2746	85975	3825	115981			
		29350		47,403				
1971	2							
Jan.		2676	88651	2595	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		2557	103751	4716	143706			
Aug.		2362	106113	4323	148029			
Sep.		2470	108583	4309	152338			
Oct.		2153	110736	4180	156518			
Nov.		2541	113277	4213	160731			
		2772	116049	4133	164864			

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						
Aug.						
Sep.						
Oct.						
Nov.						
Dec.						
Jan.						
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.						
Sep.						
Oct.						
Nov.						
Dec.						
1466 Jan.	1					
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.		1771	—			
Sep.		1325	—			
Oct.		1706	—			
Nov.		1561	639			
Dec.		1556	1640			
1767 Jan.	1	7922	2279			
Feb.						
Mar.						
Apr.						
May						
June						
July						
Aug.		1455	1996			
Sep.		1295	1498			
Mar.		1372	1649			
Apr.		346	727			
May		—	—			
June		—	—			
July		—	—			
Aug.		—	—			
Sep.		—	—			
Oct.		—	—			
Nov.		—	—			
Dec.		—	—			

4468

12390

5870

WELL HISTORY REPORT

OPERATOR: Ernest A. Hanson

NO. & LEASE: #1 Max Gutman

LOCATION: 560' FSL & 660' FWL
Sec. 19, T-22-S, R-38-E, N.M.P.M.
Lea County, New Mexico

FIELD: Wildcat

ELEVATION: 3341' Ground Level
3352' Kelly Bushing (logs measured 11' above GL).

DRILLING CONTRACTOR: Whitaker Drilling Co. (cable tools)
Eunice, New Mexico

Roy H. Smith Drilling Co. (rotary)
Wichita Falls, Texas

TYPE RIG: Cable tools from 0 - 755'

National "50" rotary from 755 - 7328'

DRILLING COMMENCED: June 6, 1966

DRILLING COMPLETED: July 17, 1966

WELL COMPLETED: July 21, 1966

CASING PROGRAM: 13-3/8" @ 112' w/100 sx. (cmt. circ. to surf.)
10-3/4" @ 601' (pulled)
8-5/8" @ 1170' w/450 sx. (cmt. circ. to surf.)
5-1/2" @ 7328' w/750 sx. neat Incor.

TOTAL DEPTH: 7328' granite wash

P.B. TOTAL DEPTH: 7319'

TOP OF CEMENT: 2490' (from temperature survey)

DRILL STEM TESTS: DST #1 @ 5520-5640': op. 2 hrs., GTS in 4 min. @ 734
MCFGPD; rec. 130' SGCDM + 960' HGCO. 45 ISIP
2009. FP 359-440. 90 FSIP 1982. Hyd. 2949-2934

DST #2 @ 6285-6425': op. 2 hrs., GTS in 4 min. @ 320
MCF & decreased to 180 MCFGPD @ end of test;
rec. 400' HGCM + 350' HGC&SOCM. 45 ISIP 1844
FP 393-333. 90 FSIP 1849. Hyd. 3314-3309.

DST #3 @ 6615-6694': op. 2 hrs., GTS in 5 min. @ 233
MCFGPD; rec. 210' GCM. 45 ISIP 2186. FP 118-124
90 FSIP 2681. Hyd. 3424-3408.

DST #4 @ 6780-6900': op. 2 hrs., GTS in 5 min. @ 270
MCF & decreasing to TSTM; rec. 1090' HGC&SOCDM.
45 ISIP 1132. FP 235-263. 90 FSIP 1004.
Hyd. 3602-3602.

DST #5 @ 7255-7312': op. 1 hr., GTS in 4 min @ 329
MCF & decreasing to 209 MCFGPD @ end of test;
rec. 1000' VHGC&OCM + 2600' free oil & gas.
45 ISIP 2933. FP 573-1249. 90 FSIP 2778.
Hyd. 3867-3858.

CORES: *

Core #1 @ 3660-3679': rec. 19'
 Core #2 @ 3863-3911': rec. 48'
 Core #3 @ 5039-5090': rec. 81'
 Core #4 @ 5090-5145': rec. 55'
 Core #5 @ 5145-5169': rec. 25'

* See detailed core description.

LOGS:

Gamma-Ray/Density/Caliper (Lane Wells)
 Gamma-Ray/Acoustic (Lane Wells)
 Focused (Lane Wells)
 Mini-Focused (Lane Wells)
 Movable Oil Plot (Lane Wells)
 Cement Bond Log (Lane Wells)
 Temperature Survey (West Engineering Co.)
 Casing Collar Locator (Lane Wells)

PERFORATIONS:

Blinebry Perforations:

1 - 0.35" jet perf. per ft. @ 5511', 5521', 5526',
 5535', 5542', 5554', 5560', 5564', 5575', 5579',
 5585', 5590', 5595', 5601', 5611' & 5619'.

Granite Wash Perforations:

1 - 0.35" jet perf. per ft. @ 7292', 7294', 7296',
 7298', 7300', 7302', 7304', & 7306'.

TREATMENT:

Blinebry Perforations @ 5511-5619'.

Acidized w/2500 gals. Mud acid via 2-3/8" tbg. below
 a packer. Formation broke @ 1600 psi. Dropped 33 ball
 sealers throughout treatment. ISIP 1300 psi. 5 min.
 SIP 400 psi. Well went on vacuum in approx. 10 mins.

Granite Wash Perforations @ 7292-7306'.

Acidized w/1500 gals. Mud Acid via 2-1/16" tbg. below
 Baker production packer. Formation broke @ 3900 psi.
 ISIP 750 psi. 5 min. SIP 400 psi. Well went on vacuum
 in approx. 15 mins.

POTENTIAL:

Granite Wash. IPF 130 BO + 0 BWPD on 10/64" choke.
 GOR 1405-l. Gty. 40.1
Blinebry. IPF 72 BO + 0 BWPD on 16/64" choke.
 GOR 3271-l. Gty. 38.7

OIL PURCHASER:

McWood Corporation
 Abilene, Texas

GAS PURCHASER:

Vented temporarily.

WELL STATUS:

Producing oil well

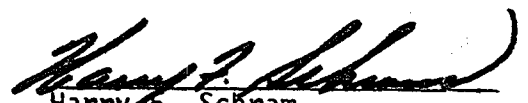
GEOLOGICAL FM. TOPS:

Top of Anhydrite	1154 = + 2198
Top of Salt	1236 = + 2116
Base of Salt	2477 = + 875
Top of Yates	2524 = + 828
Top of Queen	3374 = + 5
Top of Penrose	3500 = - 148
Top of Means Sand	3655 = - 303
Top of Grayburg	3695 = - 343
Top of Premier Sand	3865 = - 513
Top of San Andres	3907 = - 555
Top of McKnight	5044 = - 1692
Top of Glorietta	5066 = - 1714
Top of Paddock	5094 = - 1742
Top of Upper Blinebry	5423 = - 2071
Top of Middle Blinebry	5511 = - 2159
Top of Lower Blinebry	5796 = - 2444
Top of Tubb	6011 = - 2659
Top of Drinkard	6220 = - 2868
Top of Abo	6512 = - 3160

Top of Andrews
Top of Granite Wash

6828 = - 3476
7263 = - 3911

ERNEST A. HANSON


Harry F. Schram
Exploration Manager

WELL HISTORY REPORT

Ernest A. Hanson - #1 Max Gutman
560' FSL & 660' FWL
Sec. 19, T-22-S, R-38-E, N.M.P.M.
Lea County, New Mexico

Date	Remarks
4-11-67	Moved-in and rigged-up double derrick pulling unit.
4-12-67	Killed well with 100 bbls. brine water. Broke-out dual head and tried to pull short Blinebry tubing string. Called Dia-Log and shot-off Blinebry tubing just above holddown tool at 5476'. Pulled several joints of tubing and shut-down for night.
4-13-67	Began pulling tubing until wind began gusting between 50 and 100 miles per hour. Traveling block began stripping threads on tubing. Shut-down until following day.
4-14-67	Killed well with 50 bbls. brine water and finished pulling Blinebry tubing. Killed Granite Wash with brine water and tried to pull Baker packer but would not release. Backed-off of packer and pulled tubing to holddown tool and shut-in for night. Blinebry string still stuck in holddown tool and still would not release. Sent tool into shop to find out why tool would not realease.
4-15-67	Ran back with 5600' of 2-3/8" tubing on top of 2-1/16" Granite Wash production tubing and latched into Baker packer. After extended working of tubing and pumping down tubing, packer released and was pulled. The 2-1/16" production tubing had twisted-off 43 joints beneath packer for some unknown reason. End of tubing badly mangled as if shot went off in tubing.
4-17-67	Ran an impression block with little success. Block would not go deep enough to hit tubing. Went into hole and swedged down to 5790' with 4-5/8" tool. Shut-in for night.
4-18-67	Pulled tubing and changed to 4-13/16" swedge. Ran back into hole and swedged out casing for balance of day. Pulled tubing and ran into hole hole with impression block. Did not touch fish with impression block.
4-19-67	Ran in hole with new impression block. Casing appeared to have a tight place. Ran 4-13/16" swedge and swedged-out from 5828-5858'.
4-20-67	Ran in hole with mill, rigged-up reverse circulating unit, milled-out tight place at 5828' and pulled out of hole. Ran impression block and shut-in for night.
4-21-67	Ran in hole with new mill and finished milling tight place at 5828'. Milled out tight place and caught 2-1/16" tubing fish and pulled approximately 1400'. Shut-in for night.
4-24-67	Ran in hole with swedge but could not go through tight places without getting caught. Tried to pull-out of hole and lost swedge. Pulled tubing and shut-in for night.
4-24-67	Ran in hole with fishing socket and picked-up swedge. Ran back in hole with mill to rework entire lower part of casing.
4-25-67	Ran mill until it stopped making progress. Pulled regular mill and replace with tapered mill. Milled through several tight places located at exact point of casing collars.

Date	Remarks
4-26-67	Finished milling to bottom of hole. Circulate hole clean and pull out of hole. Perforate 1 - 0.50" jet per foot at 7264', 7266', 7268', 7271', 7275', 7277' and 7279' in the Granite Wash reservoir. Ran in hole with a HOWCO RBP on tubing and set at 5660' without further testing of Granite Wash. Displaced hole with lease oil and came out of hole. Shut-in for night.
4-27-67	Fractured Blinebry perforations at 5511-5619' with 31,000 gals. lease oil and 28,500 lbs. sand. Ran 2-3/8" tubing to 5400' and began swabbing-back load oil. Swab back 72 bbls. load oil and well began flowing on 20/64" choke.
4-28-67	Well flowed 143 BLO overnight. TP @ 1100#. Re-set choke on 22/64" and rigged-down unit.
4-29-67	Well flowed 720 BLO or total of 863 BLO. Still have 137 BLO to recover.
4-30-67	Recovered total of 1000 BLO + 138 BNO with no water. Set choke at 12/64".
5- 1-67	Flowed 275 BNO + 0 BW in 24 hrs. on 12/64" choke.
5- 2-67	Flowed 140 BNO + 0 BW in 24 hrs. on 10/64" choke.
5- 3-67	Flowed 80 BNO + 0 BW in 24 hrs. on 8/64" choke.
5- 4-67	Flowed 88 BNO + 0 BW in 24 hrs. on 8/64" choke.
5-10-67	Choke valve accidentally left open for 12 hour period and well flowed 450 BNO + 0 BW.

Well potentialized for I.P.F. of 80 BOPD on 8/64" choke. FTP @ 730 psi. FCP @ 1700 psi. GOR 1666-1.

Well to be produced as single completion from Blinebry Formation for approximately 90 days extended test period. If GOR remains low as presently indicated, plan to dual again with Granite Wash at that time.

ERNEST A. HANSON


Harry F. Schram

Note: RBP = Retrievable Bridge Plug
BLO = Barrels of Load Oil
BNO = Barrels of New (formation) Oil
FTP = Flowing Tubing Pressure
FCP = Flowing Casing Pressure
GOR = Gas/Oil Ratio