

HANSON OPERATING COMPANY, INC.

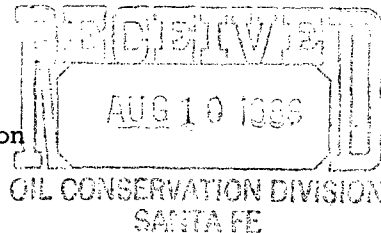
P.O. BOX 1515

ROSWELL, NEW MEXICO 88202-1515

PHONE AC 505-622-7330

August 8, 1988

Mr. David Catanach
New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico 87501



Re: MAX GUTMAN #8 WELL
Unit E, Sec. 19, T.22S, R.38E
Lea County, New Mexico

Dear Mr. Catanach:

Your administrative approval is requested to permit down-hole commingling of marginal Granite Wash production with the current Blinbry production, within the same wellbore on the above captioned well, pursuant to the provisions of statewide Rule 303-C-2.

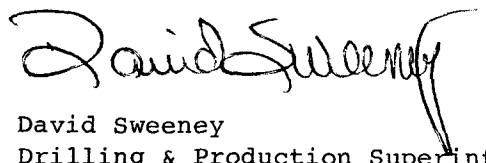
There is no evidence of fluid incompatibility and Hanson Operating Company, Inc. does not expect any reservoir damage or waste occurring due to the commingling of this well. Ownership in the pools are common and correlative rights will not be violated. Down-hole commingling will allow the recovery of additional hydrocarbons from this well. Both zones of interest are unable to flow and will have to be artificially lifted.

The subject well was drilled and completed in the Granite Wash zone on January 7, 1984. On February 8, 1988, the Granite Wash zone was temporarily abandoned and the Blinbry zone was put onto production on February 24, 1988.

Attached please find pertinent data regarding this application as outlined in Rule 303-C-2. If further information is needed, please feel free to contact myself.

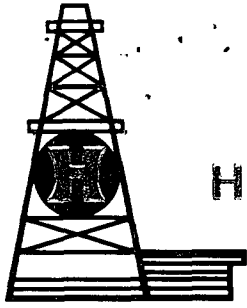
Very truly yours,

HANSON OPERATING COMPANY, INC.



David Sweeney
Drilling & Production Superintendent

DS/sl
Attachment



HANSON OPERATING COMPANY, INC.

P.O. BOX 1515

ROSWELL, NEW MEXICO 88202-1515

PHONE AC 505-622-7330

August 8, 1988

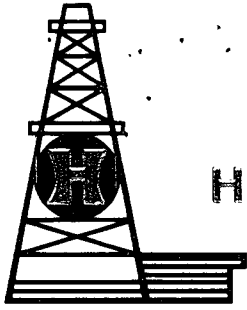
RULE 303-C-2 INFORMATION

- (A) Hanson Operating Company, Inc.
Post Office Box 1515
Roswell, New Mexico 88202-1515
- (B) Max Gutman Well #8
Unit E, Sec. 19, T.22S, R.38E
Granite Wash-Blinebry
Lea County, New Mexico
- (C) Acreage Plat is attached.
- (D) Current C-116's are attached.
- (E) The above captioned well was completed in the Granite Wash zone on January 7, 1984. The well was producing at 21 BO, 6 BW and 27 MCFs Gas before it was T.A. The Blinebry zone was then perforated, tested and put onto production on February 24, 1988. The well was producing 88 BO, 126 BLW and 400 MCFs Gas. It is currently producing 26 BO, 12 BW and 230 MCFs Gas. Attached are the decline curves for both zones. Also, a Well History Report and cumulative production report are attached.
- (F) Bottom Hole Pressure:
Granite Wash: 1900 psi
Blinebry: 712 psi

* Estimates based on most recent available average DHP data within vicinity of well.
- (G) Fluid Characteristics:

There is no evidence of fluid incompatibility. Hanson Operating Company, Inc. has down-hole commingling production in Wells #1,2,4,5,7 and #9 and have had no evidence of this.
- (H) Value of Commingled Fluids:

	BOPD	API GRAVITY	\$/BBL	REV/DAY
Granite Wash Oil	20	39.2	16.18	323.60
Blinebry Oil	26	34.6	16.18	420.68
TOTAL	46			\$744.28
COMMINGLED	46	36.9	16.18	\$744.28



HANSON OPERATING COMPANY, INC.

P.O. BOX 1515

ROSWELL, NEW MEXICO 88202-1515

PHONE AC 505-622-7330

RULE 303-C-2 INFORMATION (continued):

(I) Formula for Allocation:

Based on well test, allocation of the two zones should be as follows:

	BOPD		TOTAL COMMINGLED PROD.		PERCENT
Granite Wash Oil	20	÷	46	=	43%
Blinebry Oil	26	÷	46	=	57%
Granite Wash Gas	83	÷	313	=	27%
Blinebry Gas	230	÷	313	=	73%

(J) All offset operators have been notified with a copy of the attached information:

Texaco Producing
Post Office Box 3109
Midland, Texas 79705

Marathon Oil Company
Post Office Box 552
Midland, Texas 79702

Chevron U.S.A. Inc.
Post Office Box 670
Hobbs, New Mexico 88240

C-116
Revised 1-1-65

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.

Production Analyst

08/08/80

(Date)

**NEW MEXICO OIL CONSERVATION COMMISSION
GAS-OIL RATIO TESTS**

C-116
Revised 1-1-65

Operator Hanson Operating Company, Inc.		Pool Blinberry		County Ira	
Address P. O. Box 1515, Roswell, New Mexico 88202-1515				TYPE OF TEST - (X) ☐ Scheduled ☒ Special	
LEASE NAME Max Gutman	WELL NO. 8	LOCATION U S T R E 19 22S 38E		DATE OF TEST 07/22/88	STATUS P
				CHOKE SIZE 60	TBG. PRESS. 24
				DAILY ALLOW-ABLE 60	LENGTH OF TEST HOURS 24
				WATER BBL'S. 12	PROD. DURING TEST GRAV. OIL BBL'S. 34.6 26
				GAS M.C.F. 230	GAS - OIL RATIO CU.FT/BBL 8846/1

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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.

Edmund S. Hodge
(Signature)

Production Analyst

(Title)

08/08/88

(Date)

(Date)

NO. OF COPIES RECEIVED	
DISTRIBUTION	
STATE	
FILE	
S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105
Revised 11-78

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

2. TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☒ DIFF. RESYN. ☒ OTHER ☐

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.
N/A

7. Unit Agreement Name
N/A

8. Farm or Lease Name
Max Gutman

9. Well No.
8

10. Field and Pool, or Wildcat
Blinebry

Name of Operator
Hanson Operating Company, Inc.

Address of Operator
Post Office Box 1515, Roswell, New Mexico 88202-1515

Location of Well

UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 560 FEET FROM

THE West LINE OF SEC. 19 TWP. 22S. RGE. 38E. NMPM

15. Date Spudded 11/29/83	16. Date T.D. Reached 12/18/83	17. Date Compl. (Ready to Prod.) 02/24/88	18. Elevations (DF, RKB, RT, GR, etc.) 3330.6 GR	19. Elev. Casinghead 3330.6
20. Total Depth 5120'	21. Plug Back T.D. 6120	22. If Multiple Compl., How Many N/A	23. Intervals Drilled By Rotary Tools Surf to 7500'	Cable Tools N/A
24. Producing Interval(s), of this completion - Top, Bottom, Name 5579-5766' Middle Blinebry 5856-5971' Lower Blinebry				25. Was Directional Survey Made No
26. Type Electric and Other Logs Run N/A				27. Was Well Cored No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	42#	350'	17-1/2	375 sx, circ to surf	
8-5/8	24#	2468'	12-1/4	1300 sx; 188 sx circ to pit	
5-1/2	20 & 17#	7500'	7-7/8	1455 sx; 100 sx circ to pit	

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	5979'

31. Perforation Record (Interval, size and number) 5856-5971 15-holes 5579-5766 22 holes	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. <table border="1"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>5856-5971</td> <td>2000 gal 15% NEFE; frac w/ 20,000 gal gelled wtr & 39,000# 20/40 sd.</td> </tr> <tr> <td>5579-5766</td> <td>2000 gal 15% NEFE; frac w/ 50,000 gal gelled wtr & 100,000# 20/40 sd.</td> </tr> </tbody> </table>	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	5856-5971	2000 gal 15% NEFE; frac w/ 20,000 gal gelled wtr & 39,000# 20/40 sd.	5579-5766	2000 gal 15% NEFE; frac w/ 50,000 gal gelled wtr & 100,000# 20/40 sd.
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5579-5766	2000 gal 15% NEFE; frac w/ 50,000 gal gelled wtr & 100,000# 20/40 sd.						

33. PRODUCTION

Date First Production 02/24/88	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2" x 1-1/2" x 16' RHBC	Well Status (Prod. or Shut-in) Producing
Date of Test 02/29/88	Hours Tested 24	Choke Size ---
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate ---
Oil - Bbl. 88	Gas - MCF 400	Water - Bbl. 126 BLW
Oil Gravity - API (Corr.) 38.2	Oil - Bbl. 88	Gas - MCF 400

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sold

Test Witnessed By
David Sweeney

35. List of Attachments

16. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED David Sweeney TITLE Drlg & Prod Superintendent DATE 03/03/88

03/10/88 - C. to petrie, C. - John Shannon, A. - Goad, C. - Robblee Go.

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1160	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2536	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menelee _____	T. Madison _____
T. Queen _____ 3359	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3710	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3928	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5102	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5131	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 5484	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6040	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6266	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Wash GR. WASH 7360	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wash GRANITE 7406	T. _____	T. Chinle _____	T. _____
T. Wash TD 7500	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet.

No. 2, from _____ to _____ feet.

No. 3, from _____ to _____ feet.

No. 4, from _____ to _____ feet.

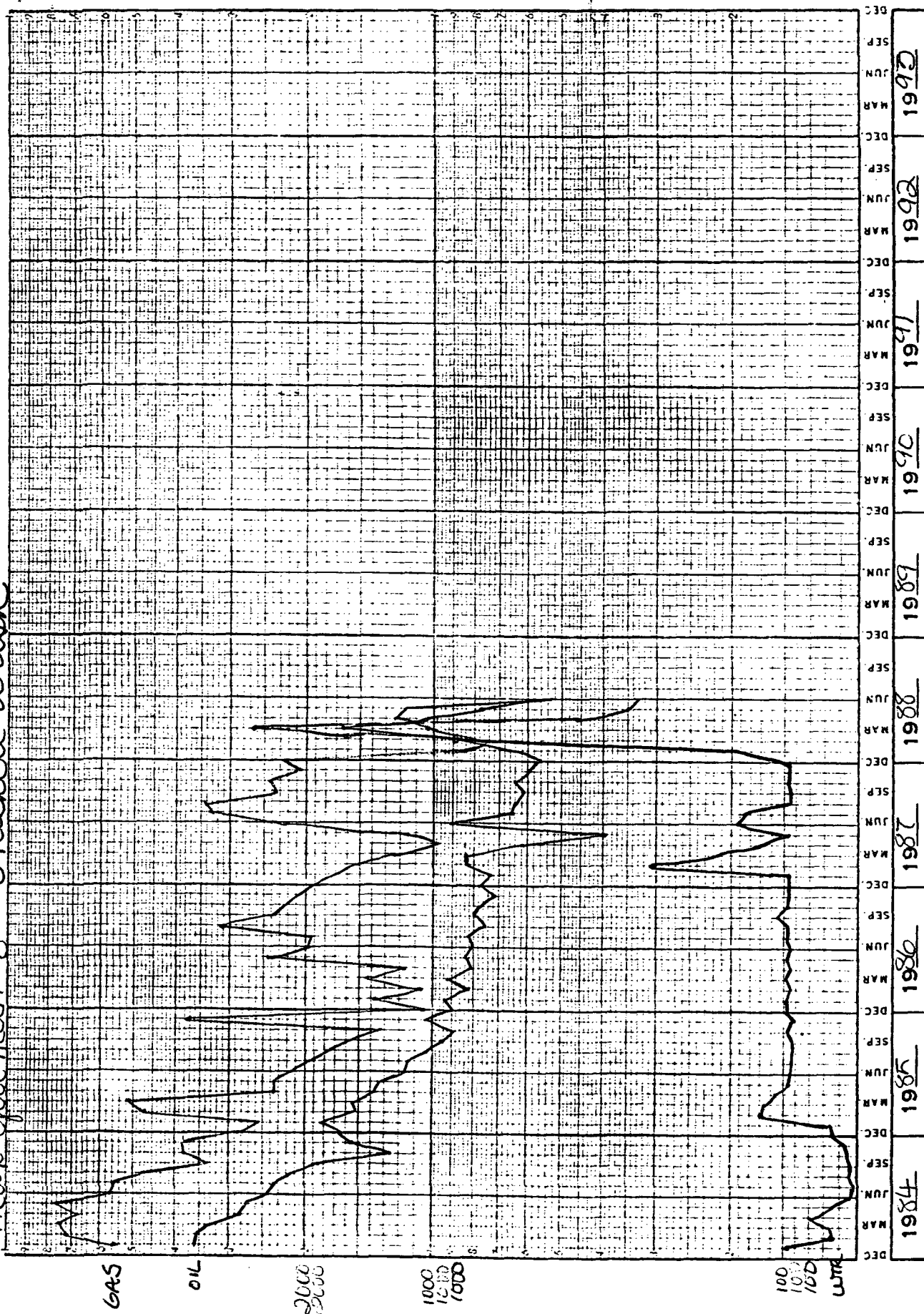
FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
Surf	1160	1160	Sand & Red Beds
1160	1250	90	Anhydrite
1250	2440	1190	Salt
2440	2540	100	Dolomite
2540	3359	819	Anhydrite, Dolomite & Sand
3359	3928	569	Sand & Dolomite
3928	7360	3432	Dolomite w/Shale stringers
7360	7406	46	Granite Wash
7406	7500	94	Granite
	TD		

RECEIVED
MAR 8 - 1968
OCD
HOBBS OFFICE

- oil
- gas
- water

Max Gutman #8 - Granite Wash



OPERATOR: HANSON OPERATING CO., INC. LEASE: *Max Gutman*
 FIELD: *GRANITE WASH*
 LOCATION:
 COUNTY & STATE:

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
1988						
Jan.	636	62523	815	36027	186	
Feb.	872	63395	722	36749	894	
Mar.	1633	65028	10153	46902	2649	
Apr.	1007	66035	12360	59262	460	
May	766	66801	11852	71114	348	
June	579	67380	5362	76476	330	
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OPERATOR: HANSON OPERATING CO., INC. LEASE: MAX GUTMAN #8
 FIELD: WANTZ GRANITE WASH.
 LOCATION: SW $\frac{1}{4}$, NW $\frac{1}{4}$ SEC 19, T.22S, R.38E
 COUNTY & STATE: LEA COUNTY, NEW MEXICO

SEC. T- R-
 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.	1984	3591	3591	5557	5557	93		
Feb.		3558	7149	7223	12780	29		
Mar.		3328	10477	7486	20266	31		
Apr.		2835	13312	6708	26974	60		
May		2720	16032	7694	34668	31		
June		2408	18440	5649	40317	15		
July		2363	20803	5508	45825	8		
Aug.		2171	22974	4738	50563	10		
Sep.		1847	24821	3365	53928	10		
Oct.		1279	26100	3810	57738	11		
Nov.		1581	27681	3843	61581	15		
Dec.		1675	29356	2817	64398	30		
		29356		64398		343		
Jan.	1985	1807	31163	2594	66992	32		
Feb.		1507	32670	4707	71699	140		
Mar.		1547	34217	5125	76824	137		
Apr.		1393	35610	2340	79164	119		
May		1344	36954	2347	81511	92		
June		1184	38138	2116	83627	90		
July		1140	39278	1951	85578	86		
Aug.		1016	40294	1749	87327	85		
Sep.		956	41250	1533	88860	83		
Oct.		896	42146	1305	90165	86		
Nov.		1023	43169	3747	93912	84		
Dec.		899	44068	1656	94968	93		
Jan.	1986	941	45009	1398	96366	93		
Feb.		819	45828	1079	97445	87		
Mar.		929	46757	1424	98869	93		
Apr.		813	47570	1190	100059	90		
May		839	48409	2412	102471	93		
June		805	49214	1984	104455	90		
July		809	50023	1900	106375	93		
Aug.		790	50813	2111	108486	93		
Sep.		790	51565	2396	110882	112		
Oct.		786	52351	2245	114127	93		
Nov.		716	53067	2061	116188	90		
Dec.		777	53844	1913	118101	90		
Jan.	1987	730	54574	1533	119634	90		
Feb.		844	55418	1580	13514	367		
Mar.		843	56261	1228	14742	310		
Apr.		617	56878	979	15721	150		
May		399	57277	1267	16988	93		
June		906	58183	2210	19198	184		
July		653	58836	3334	22532	165		
Aug.		643	59479	3474	26006	93		
Sep.		617	60096	2366	28372	90		
Oct.		641	60737	2476	30798	93		
Nov.		589	61326	2087	32885	90		
Dec.		561	61887	2297	35182	93		

OPERATOR: HANSON OPERATING CO., INC. LEASE: MAX GUTMAN
 FIELD: BLINEBRY
 LOCATION: SEC. 19
 COUNTY & STATE: LEA CO., NEW MEXICO

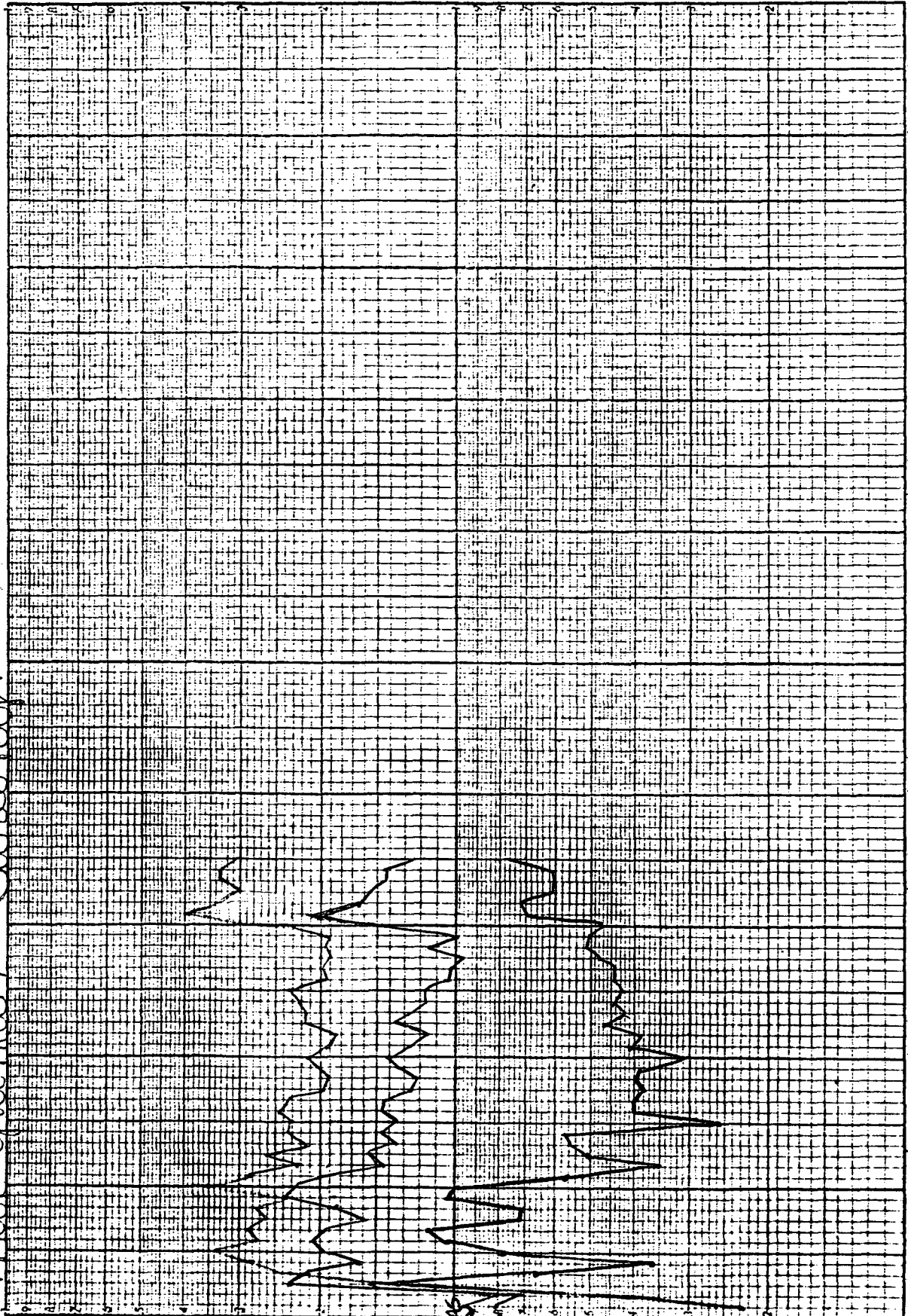
Ser. No. FEE
 HOC W.I. 31.25%
 Net Lse Int. 78.125%
 HOC Net Int. 24.414%

Date		Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
Jan.	1985	814	308356	9667	4235844	228	
Feb.		717	309170	8024	4245511	419	
Mar.		2352	312239	13181	4266716	1539	
Apr.		2126	314365	23070	4289786	654	
May		1624	315989	28667	4318450	361	
June		1997	317986	33165	4351615	786	
July		2009	319995	27434	4379049	1032	
Aug.		1973	321968	28709	4407758	1126	
Sep.		1599	323567	26064	4433822	719	
Oct.		1845	325412	27499	4461321	710	
Nov.		2417	327829	23240	4484561	1010	
Dec.		2223	330052	35713	4520274	987	
Jan.	1986	1918	331970	28356	4548630	563	
Feb.		1432	333402	22396	4571026	357	
Mar.		1568	334970	26391	4597417	506	
Apr.		1367	336337	21107	4618524	557	
May		1471	337808	23342	4641866	575	
June		1389	339197	23241	4665107	558	
July		1463	340660	24898	4690005	400	
Aug.							
Sep.		1286	343389	19453	4732869	387	
Oct.		1221	344610	19283	4752152	396	
Nov.		1355	345965	20393	4772545	387	
Dec.		1411	347376	21378	4793923	300	
Jan.	1987	1290	348666	19274	4813197	419	
Feb.		1168	349834	18855	4832052	387	
Mar.		1365	351199	21924	4853976	471	
Apr.		1264	352463	21765	4875741	423	
May		1181	353644	22137	4897878	445	
June		1186	354830	23067	4920945	429	
July		1032	355862	19584	49410529	442	
Aug.		1010	356872	19607	4960336	446	
Sep.		979	357851	19051	4979387	483	
Oct.		1158	359009	19689	4999076	518	
Nov.		998	360007	19041	5018117	508	
Dec.		1526	361533	23362	5041479	467	
Jan.	1988	2162	363695	40156	5081635	699	
Feb.		1655	365350	32702	5114337	710	
Mar.		1575	366925	29357	5143694	607	
Apr.		1415	368340	33407	5177101	603	
May		1429	369769	33256	5210357	616	
June		1223	370992	30914	5241271	769	
July							
Aug.							
Sep.							
Oct.							
Nov.							
Dec.							

CLEARPRINT CHART

oil
- gas
- water

MAN AUTOMAN - LINCOLN



OPERATOR: Hanson Operating Co., Inc. 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%

298368

4091227

12853

Date	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
1984						
Jan.	1037	299405	17757	4108984	353	
Feb.	965	300370	17252	4126236	337	
Mar.	929	301299	17986	4144222	359	
Apr.	731	302030	11976	4156198	102	
May	800	302830	10601	4166799	180	
June	703	303533	10225	4177024	174	
July	758	304291	10589	4187613	180	
Aug.	802	305093	9586	4197199	343	
Sep.	808	305901	10151	4207350	350	
Oct.	833	306734	9265	4216615	248	
Nov.	761	307495	9477	4226092	251	
Dec.	861	308356	9752	4235844	228	21958
1985					3105	
Jan.	814	309170	9667	4245511	228	
Feb.	717	309887	8024	4253535	419	
Mar.	2352	312239	13181	4266716	1539	
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OPERATOR: Hanson Operating Co., Inc. 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%

246892 3441133 459

Date	Monthly Oil (Bbls.)	Cumulative Oil (Ebls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Ebls.)	Monthly GOR
1980						
Jan.	916	247814	10385	3441208	74	
Feb.	897	248711	11227	3452435	70	
Mar.	880	249591	11812	3464247	74	
Apr.	683	250274	9255	3473502	126	
May	973	251247	7515	3481017	224	
June	909	252156	9889	3490906	151	
July	539	252695	5414	3496320	134	
Aug.	876	253571	7996	3504316	206	
Sep.	846	254417	5788	3510104	78	
Oct.	1261	255678	5939	3516043	1048	
Nov.	1443	257121	7972	3524015	745	
Dec.	1513	258634	7979	3531994	733	4122
1981					3643	
Jan.	1513	260147	7811	3539805	353	
Feb.	877	261024	6284	3546089	461	
Mar.	1481	262505	12134	3561223	688	
Apr.	1343	263848	15592	3580415	672	
May	1224	265072	13544	3593959	400	
June	610	265682	6732	3600691	546	
July	1115	266797	12572	3613563	1120	
Aug.	1215	268012	7733	3630902	473	
Sep.	1059	269071	17728	3648690	427	
Oct.	1256	270327	18327	3667017	446	
Nov.	1235	271562	17757	3684774	358	
Dec.	1331	272893	18076	3702850	369	10435
1982					6313	
Jan.	1216	274109	19662	3720512	342	
Feb.	1216	275325	16590	3737082	330	
Mar.	1077	276402	18620	3755702	359	
Apr.	1105	277507	18053	3773755	349	
May	1109	278616	18361	3792116	361	
June	1017	279633	17419	3809535	353	
July	1017	280650	16779	3826314	361	
Aug.	1049	281699	17073	3843387	355	
Sep.	1097	282796	16497	3859884	351	
Oct.	1155	283951	16617	3876501	355	
Nov.	1077	285028	13565	3890066	348	
Dec.	1057	286085	12424	3902490	355	14654
1983					4219	
Jan.	1184	287271	13353	3915843	359	
Feb.	1001	288272	12196	3928039	325	
Mar.	1054	289326	14225	3942264	351	
Apr.	1084	290410	13793	3956057	347	
May	982	291392	14719	3970776	334	
June	981	292379	14688	3985464	348	
July	999	293378	15652	4001116	359	
Aug.	966	294344	15472	4016588	358	
Sep.	968	295312	18835	4035423	318	
Oct.	1016	296328	17467	4054890	359	
Nov.	978	297306	18403	4073293	352	
Dec.	1062	298368	17934	4091227	359	18253

OPERATOR: HANSON OIL CORPORATION
 FIELD: BLINEBRY
 LOCATION: SEC. 19
 COUNTY & STATE: LEA COUNTY, NM

LEASE: MAX GUTMAN

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

Date 1976	Monthly Oil (Bbls.)	Cumulative Oil (Bbls.)	Monthly Gas (MCF)	Cumulative Gas (MCF)	Monthly Water (Bbls.)	Monthly GOR
Jan.	1827	176613	25513	2511020		
Feb.	1944	178557	23458	2534478		
Mar.	2202	180759	31222	2565700		
Apr.	1911	182670	35269	2601069		
May	1727	184397	25978	2627047		
June	1437	185834	17445	2644492		
July	1717	187551	18111	2662603		
Aug.	1914	189465	27287	2691890		
Sep.	1212	190747	24232	2716122		
Oct.	1949	192696	29913	2746035		
Nov.	1844	194540	27761	2773796		
Dec.	2156	196746	25512	2799308		
1977	21032		313,151			
Jan.	1862	198608	21185	2820493		
Feb.	1748	200356	21542	2842035		
Mar.	1964	202320	23533	2865568		
Apr.	1755	204075	21594	2887162		
May	1677	205752	27150	2914312		
June	1447	207200	25764	2939976		
July	1769	208969	28531	2968507		
Aug.	1622	210591	25215	2993722		
Sep.	1419	212010	22124	3015846		
Oct.	1435	213445	20773	3036619		
Nov.	1777	215222	22523	3059142		
Dec.	1644	216866	22923	3082065		
1978	21,153		2,574			
Jan.	1637	218503	20769	3102834		
Feb.	1571	220074	12972	3115806		
Mar.	1005	221079	13320	3129126		
Apr.	1112	222191	12659	3141785		
May	1111	223302	15151	3156936		
June	1089	224391	16244	3173180		
July	1112	225503	16306	3189486		
Aug.	1109	226612	12793	3202279		
Sep.	1077	227689	12150	3214429		
Oct.	1109	228798	10216	3224645		
Nov.	1071	229869	10473	3235118		
Dec.	1112	231022	14063	3249181		
1979	14,501		17,551			
Jan.	1175	232197	14177	3263358		
Feb.	1034	233231	6551	3269909		
Mar.	1273	234504	14001	3283910		
Apr.	1252	235756	14457	3298367		
May	1445	237201	15371	3313738		
June	1467	238668	15677	3329415		
July	1131	240099	13355	3342770		
Aug.	1412	241511	16723	3359493	93	
Sep.	1326	242837	16026	3375519	90	
Oct.	1087	243924	16127	3391646	93	
Nov.	1175	245100	12653	3404300	90	
Dec.	1250	246350	12124	3416424	93	457

OPERATOR: HANSON OIL CORPORATION
 FIELD: BLINEBRY
 LOCATION: Sec. 19
 COUNTY & STATE: LEA COUNTY, N.M.

LEASE: MAX GUTMAN

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

Date	Monthly Oil (Bbbls.)	Cumulative Oil (Bbbls.)	Monthly Gas (NCF)	Cumulative Gas (MCF)	Monthly Water (Bbbls.)	Monthly GOR
1972						
Jan.	1031	103745	21027	1594705		
Feb.	1214	105009	19212	1613917		
Mar.	1290	106299	21179	1635416		
Apr.	1204	107503	22570	1657676		
May	1269	108772	2424	1680110		
June	1267	109979	22345	1702455		
July	1211	111190	2201	1725711		
Aug.	1182	112372	20108	1746349		
Sep.	1243	113615	21792	1768147		
Oct.	1289	114904	20211	1788958		
Nov.	817	115721	6811	1795224		
Dec.	1030	116751	6726	1802550		
1973	14031		22290			
Jan.	1140	117891	7499	1810049		
Feb.	982	118873	1951	1817000		
Mar.	1031	119904	6720	1823720		
Apr.	1001	120905	7372	1831092		
May	1165	122070	9229	1840327		
June	1120	123250	12134	1852461		
July	1281	124531	18529	1871059		
Aug.	1211	125803	19157	1892216		
Sep.	1223	127026	17553	1909769		
Oct.	1272	128308	19348	1928517		
Nov.	1240	129548	18221	1946738		
Dec.	1206	130750	18145	1964923		
1974	13777		18333			
Jan.	667	131417	17413	1982376		
Feb.	1938	133355	16731	1999107		
Mar.	2199	135554	19832	2018945		
Apr.	2361	137915	20755	2039700		
May	1118	139033	21533	2061333		
June	1565	140598	20950	2082283		
July	1567	142165	19557	2101841		
Aug.	1679	143844	21290	2123131		
Sep.	1577	145421	17975	2139606		
Oct.	1562	146983	17821	2157527		
Nov.	1982	148965	17115	2174970		
Dec.	1648	150613	12655	2193115		
1975	24520		22112			
Jan.	2209	153529	11411	2211412		
Feb.	1663	155192	15962	2227424		
Mar.	1401	156593	17624	2245048		
Apr.	1790	158383	17477	2263525		
May	1865	160248	19440	2282965		
June	1436	161684	19779	2303744		
July	1693	163377	20014	2323758		
Aug.	2552	165929	26473	2350231		
Sep.	1754	167683	41747	2392216		
Oct.	2577	170260	22777	2415293		
Nov.	2062	172322	30444	2445737		
Dec.	2711	175033	27512	2473249		

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		320,310			
Jan.		2012		17130	397440			
Feb.		1108		31398	428838			
Mar.		1894		35844	464682			
Apr.		1460		27054	491736			
May		1706		28825	520561			
June		1747		32003	552564			
July		1648		25441	578005			
Aug.		1876		20710	598715			
Sep.		1521		20952	619667			
Oct.		1699		25779	645446			
Nov.		1940		24953	670399			
Dec.		1991		34142	704541			
1969	✓	20,652	51182	324231				
Jan.		1438		39491	744032			
Feb.		1975		40175	784207			
Mar.		1858		41069	825276			
Apr.		1292		21220	846496			
May		1164		18324	865320			
June		1772		31705	897025			
July		1444		27050	924079			
Aug.		1539		28036	952115			
Sep.		1767		22820	974939			
Oct.		1850		21924	996863			
Nov.		1304		21944	1018807			
Dec.		1531		22626	1041433			
1970	✓	18,984	70,166	336,892				
Jan.		1369	71535	21922	1063355			
Feb.		1839	73374	19487	1082842			
Mar.		1449	74822	22342	1105184			
Apr.		1399	76221	22667	1127851			
May		1394	77615	25891	1153742			
June		1297	78912	23536	1177278			
July		1311	80223	23987	1201265			
Aug.		1261	81484	24358	1225623			
Sep.		1202	82787	23452	1249071			
Oct.		1264	84051	21695	1270766			
Nov.		1392	85443	21129	1291925			
Dec.		1458	87095	20710	1312635			
1971	2	16,929		271,403				
Jan.		1486	88581	20104	1332739			
Feb.		1233	89814	16665	1349404			
Mar.		1279	91093	22809	1371613			
Apr.		1267	92360	23441	1395054			
May		1312	93672	22531	1417585			
June		1243	94915	23225	1440810			
July		1166	96081	22757	1463567			
Aug.		1209	97290	22411	1486078			
Sep.		1258	98548	21502	1507580			
Oct.		1400	100248	22571	1530151			
Nov.		1314	101562	20092	1550243			
Dec.		1112	102674	21172	1571415			

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								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
Jan.								
Feb.								
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Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
1966								
Jan.								
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.								
1967								
Jan.								
Feb.								
Mar.								
Apr.								
May								
June								
July								
Aug.								
Sep.								
Oct.								
Nov.								
Dec.	1	1243		2871				
1967		1243	1243	2871	2871			
Jan.		1010		8884	11755			
Feb.		901		9240	20995			
Mar.		889		10223	31728			
Apr.		1118		6163	37891			
May		2048		9138	47029			
June	2	2712		10585	57614			
July		3450		31,606	79220			
Aug.		4657		60,082	149,302			
Sep.		3946		66,746	216,048			
Oct.		2773		52,058	268,106			
Nov.		3020		50,755	318,861			
Dec.		2863		61,451	380,312			
		20,228	30,530	277,110				

Release Date:
August 29, 1988

By DRC

ADMINISTRATIVE ORDER DHC-707

COMPANY.....; Hanson Operating Company, Inc.
ADDRESS.....; P. O. Box 1515
CITY, STATE, ZIP...; Roswell, New Mexico 88202-1515
ATTENTION.....; David Sweeney
WELL NAME AND NUMBER; Max Gutman Well No. 8
LOCATION; UNIT E, SECTION 19, T- 23S, R- 38E,
NMPM, Lee COUNTY, NEW MEXICO.
POOLS; Blueberry and Wenty Granite Wash Pools

Gentlemen:

Reference is made to your recent application for an exception to Rule 303-A of the Division Rules and Regulations to permit the subject well to commingle the production from both pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303-C, and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the two zones is hereby placed in abeyance.

In accordance with the provisions of Rule 303-C-4., total commingled oil production from the subject well shall not exceed 50 barrels per day, and total water production shall not exceed 100 barrels per day. The maximum amount of gas which may be produced daily from the well shall be determined by A.

- A. multiplying 2000 by the top unit allowable for the Wenty Granite Wash Pool.
- B. ~~Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.~~
- C. ~~Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's Southeast Gas Proration Schedule.~~

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Blueberry Pool: (Oil)(Condensate) 57 % Gas 73 %
Granite Wash Pool: (Oil)(Condensate) 43 % Gas 27 %

In accordance with the provisions of Rule 303-C, the supervisor of the Lee District Office of the Oil Conservation Division shall determine the ~~proper allocation of production from the subject well following its completion.~~

Pursuant to Rule 303-C-5, the commingling authority granted by this order may be rescinded by the Division Director if, in his opinion, conservation is not being best served by such commingling.

OFFICE		U.S.D.S.		LAND OFFICE		TRANSPORTER		OIL GAS		OPERATOR		PRODUCTION OFFICE	
Hanson Operating Company, Inc.													
Address P. O. Box 1515, Roswell, New Mexico 88202-1515													
Reason(s) for filing (Check proper box)													
New Well		☐		Change in Transporter of:		Oil		☐		Dry Gas		☐	
Recompletion		☒		Casinghead Gas		☐		Condensate		☐		Other (Please explain)	
Change in Ownership		☐		Change of ownership give name and address of previous owner									
DESCRIPTION OF WELL AND LEASE													
Well Name Max Gutman				Well No. 8		Pool Name, including Formation Blinebry				Kind of Lease State, Federal or Fee		Fee	
Location													
Unit Letter		E		1980		Feet From The		North		Line and		560	
Feet From The		West		Line of Section		19		Township		22-S		Range 38-E	
N.M.P.A.		Lea		Cov									
DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS													
Name of Authorized Transporter of Oil ☒ or Condensate ☐				Address (Give address to which approved copy of this form is to be sent)									
Permian				P. O. Box 1183, Houston, Texas 77001									
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐				Address (Give address to which approved copy of this form is to be sent)									
Warren Petroleum Company				P. O. Box 1589, Tulsa, Oklahoma 74102									
Well produces oil or liquids, or location of tanks.		Unit		Sec.		Twp.		Pgs.		Is gas actually connected?		When	
		K		19		22S		38E		Yes		01/25/84	
this production is commingled with that from any other lease or pool, give commingling order number: N/A													
COMPLETION DATA													
Designate Type of Completion - (X)		Oil Well		Gas Well		New Well		Workover		Deepen		Plug Back	
(X)		X						X				X	
Date Spudded		11/29/83		Date Compl. Ready to Prod.		02/24/88		Total Depth		6120'		P.B.T.D.	
6120'				Name of Producing Formation		Blinebry		Top Oil/Gas Pay		5579'		Tubing Depth	
5579'												5979'	
5579-5766		45856-5971										Depth Casing Shoe	
TUBING, CASING, AND CEMENTING RECORD													
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT							
17-1/2"		13-3/8"		350'		350 sx circ to surf							
12-1/4"		8-5/8"		2468'		300 sx, 188 sx cir to p							
7-7/8"		5-1/2"		7500'		1455 sx, 100 sx cir to su							
Tubing-		2-3/8"		5979'									
TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top of well)													
First New Oil Run To Tanks		Date of Test		Producing Method (Flow, pump, gas lift, etc.)									
02/24/88		02/24/88		Pump									
Length of Test		Tubing Pressure		Casing Pressure		Choke Size							
24 hrs.													
Total Prod. During Test		Oil-Bbls.		Water-Bbls.		Gas-MCF							
		88		126 BLW		400		4545/1					
S WELL													
Total Prod. Test-MCF/D		Length of Test		Bbls. Condensate/ADMCF		Gravity of Condensate							
Tubing Pressure (Shut-in)		Casing Pressure (Shut-in)		Choke Size									
CERTIFICATE OF COMPLIANCE													
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given is true and complete to the best of my knowledge and belief.													
OIL CONSERVATION COMMISSION													
APPROVED MAR 9 - 1988													
BY ORIGINAL SIGNED BY JERRY SEXTON													
DISTRICT I SUPERVISOR													
TITLE													
This form is to be filed in compliance with RULE 1104.													
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviat tests taken on the well in accordance with RULE 111.													
All sections of this form must be filled out completely for all wells on now and recompleted wells.													
Fill out only Sections I, II, III, and VI for changes of own well name or number, or transporter, or other such change of condition.													
Production Analyst													
03/04/88													
(Date)													

Species

GAS - OIL
RATIO

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.

02/23/87

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
N/A	

1. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

TYPE OF COMPLETION

NEW WELL ☐ WORK OVER ☒ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator

Hanson Operating Company, Inc.

3. Address of Operator

Post Office Box 1515, Roswell, New Mexico 88202-1515

4. Location of Well

LETTER E LOCATED 1980 FEET FROM THE North LINE AND 560 FEET FROM

THE West LINE OF SEC. 19 TWP. 22S. RGE. 38E. NWPM

5. Date Spudded	11/29/83	16. Date T.D. Reached	12/18/83	17. Date Compl. (Ready to Prod.)	01/07/84	18. Elevations (DF, RKB, RT, GR, etc.)	3330.6 GR	19. Elev. Casinghead	3330.6
6. Total Depth	7500'	21. Plug Back T.D.	7500'	22. If Multiple Compl., How Many	N/A	23. Intervals Drilled By	Rotary Tools Surf to 7500'	Cable Tools	N/A
24. Producing Interval(s), of this completion -- Top, Bottom, Name									25. Was Directional Survey Made
7362 - 7405 Wantz Granite Wash									No
26. Type Electric and Other Logs Run									27. Was Well Cored
GR/CND									No

28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8	42#	350'	17-1/2	375 sx, circ to surf	
3-5/8	24#	2468'	12-1/4	1300 sx; 188 sx circ to pit	
5-1/2	20 & 17#	7500'	7-7/8	1455 sx; 100 sx circ to pit	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8	7475'	

31. Perforation Record (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7475 - 7425	9 holes			DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7362 - 7405	9 holes			7475 - 7425	5000 gal 15% NEFE acid
				7362 - 7396	5000 gal 15% NEFE acid

33. PRODUCTION						
Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
02/15/87	Pumping 2 x 1-1/2 x 20 RHBC				Prod.	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.
02/17/87	24			60	85	6
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
			60	85	6	1417/1
34. Disposition of Gas (Sold, used for fuel, vented, etc.)						Oil Gravity - API (Corr.)
Sold						40.1

Test Witnessed By
Bert Connelly

35. List of Attachments

35. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED

TITLE Drlg & Prod Superintendent

DATE 02/18/87

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than _____ days after the completion of any newly-drilled or deepened well. It shall be accompanied by a true copy of all electrical and radio-activity logs run in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1160	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2536	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3359	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3710	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3928	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____ 5102	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5131	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____ 5484	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6040	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6266	T. Delaware Sand _____	T. Entrada _____	T. _____
T. XXX GR. WASH 7360	T. Bone Springs _____	T. Wingate _____	T. _____
T. XXXXXX Granite 7406	T. _____	T. Chinle _____	T. _____
T. XXXX TD 7500	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet

No. 2, from _____ to _____ feet

No. 3, from _____ to _____ feet

No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surf	1160	1160	Sand & Red Beds				
1160	1250	90	Anhydrite				
1250	2440	1190	Salt				
2440	2540	100	Dolomite				
2540	3359	819	Anhydrite, Dolomite & Sand				
3359	3928	569	Sand & Dolomite				
3928	7360	3432	Dolomite w/Shale stringers				
7360	7406	46	Granite Wash				
7406	7500	94	Granite				
	TD						

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GAS-OIL RATIO TESTS

Revised 1-1-85

Operator		Pool				County													
HANSON OPERATING COMPANY, INC.		WANTZ GRANITE WASH				LEA													
Address		P. O. BOX 1515, ROSWELL, NEW MEXICO 88202-1515				Type of Test - (X)													
LEASE NAME		WELL NO.		LOCATION		DATE OF TEST		CHOKE SIZE		T.B.G. PRESS.		DAILY ALLOW-ABLE		LENGTH OF TEST HOURS		PROD. DURING TEST		GAS - OIL RATIO	
MAX CUTMAN		8		E 19 22-S 38-E		2/02/84		20/64		350		187		24		1 40.1 135		274 2030/1	

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

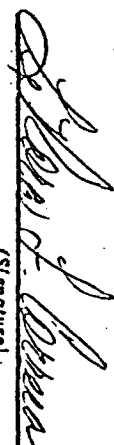
During gas-oil ratio test, each well shall be produced at a rate not exceeding the top unit allowable for the pool in which well is located by more than 25 percent. Operator is encouraged to take advantage of this 25 percent tolerance in order that well can be assigned increased allowables when authorized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


 (Signature)
 PRODUCTION ANALYST
 (Title)
 MARCH 20, 1984
 (Date)

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

DATE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
OPERATOR	
PRORATION OFFICE	

Operator
Hanson Operating Company, Inc.Address
P. O. Box #1515, Roswell, N. M. 88202-1515

Reason(s) for filing (check proper box)

New Well	☒	Change in Transporter of:	
Recompletion	☐	Oil	☐
Change in Ownership	☐	Casinghead Gas	☐
		Dry Gas	☐
		Condensate	☐

Other (Please explain)

If change of ownership give name
and address of previous ownerTHIS WELL HAS BEEN PLACED IN THE POOL
DESIGNATED BELOW. IF YOU DO NOT CONCUR
NOTIFY THIS OFFICE.

DESCRIPTION OF WELL AND LEASE

Lease Name Max Gutman	Well No. 8	Pool Name, including Formation Wantz Granite Wash	Kind of Lease State, Federal or Fee	Fee	Lease No. Fee
Location					
Unit Letter <u>E</u> ; <u>1980</u> Feet From The <u>North</u> Line and <u>560</u> Feet From The <u>West</u>					
Line of Section <u>19</u> Township <u>22-S</u> Range <u>38-E</u> , NMPM, <u>Lea</u> County					

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box #1183, Houston, Tx. 77001					
Name of Authorized Transporter of Casinghead Gas ☒ or Dry Gas ☐ Warren Petroleum Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box #1589, Tulsa, Ok. 74102					
If well produces oil or liquids, give location of tanks.	Unit K	Sec. 19	Twp. 22-S	Rge. 38-E	Is gas actually connected? Yes	When 01/25/84
If this production is commingled with that from any other lease or pool, give commingling order number:						N/A

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well	New Well ☒	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 11/29/83	Date Compl. Ready to Prod. 01/06/84		Total Depth 7500'		P.B.T.D. 7500'			
Elevations (DF, RKB, RT, GR, etc.) 3330.6	Name of Producing Formation Granite Wash		Top Oil/Gas Pay		Tubing Depth 7400'			
Perforations 7425-7475					Depth Casing Shoe 7500'			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17½"	13-3/8"	350'	350 sx circ to surf
12½"	8-5/8"	2468'	1300 sx, 188 sx circ to pi
7-7/8"	5-1/2"	7500'	1455 sx, 100 sx circ to su

TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks 01/07/84	Date of Test 01/10/84	Producing Method (Flow, pump, gas lift, etc.) Flowing	
Length of Test 24 hrs.	Tubing Pressure 350	Casing Pressure -0-	Choke Size 20/64
Actual Prod. During Test	Oil-Bbls. 196	Water-Bbls. -0-	Gas-MCF 80

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Commission have been complied with and that the information given
above is true and complete to the best of my knowledge and belief.*Burda R. Witt*
(Signature)Production Analyst
(Title)01/30/84
(Date)

OIL CONSERVATION COMMISSION

APPROVED **FEB 1 1984**, 19BY **ORIGINAL SIGNED BY JERRY SEXTON**
TITLE **DISTRICT I SUPERVISOR**

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened
well, this form must be accompanied by a tabulation of the deviation
tests taken on the well in accordance with RULE 111.All sections of this form must be filled out completely for allow-
able on new and recompleted wells.Fill out only Sections I, II, III, and VI for changes of owner,
well name or number, or transporter, or other such change of condition.*C. to Josie**C. to Warren**C. to Warren*

NO. OF COPIES RECEIVED

Form C-105
Revised 11-1-83NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

5a. Indicate Type of Lease	
State ☐	Fee ☒
5. State Oil & Gas Lease No.	
N/A	

1a. TYPE OF WELL	
OIL WELL ☒	GAS WELL ☐ DRY ☐ OTHER ☐
b. TYPE OF COMPLETION	
NEW WELL ☒	WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

7. Unit Agreement Name
N/A
8. Farm or Lease Name
Max Gutman

2. Name of Operator
Hanson Operating Company, Inc.

9. Well No.
8

3. Address of Operator
P. O. Box #1515, Roswell, N. M. 88202-1515

10. Field and Pool, or Wildcat
Wantz Granite Wash

4. Location of Well
UNIT LETTER <u>E</u> LOCATED <u>1980</u> FEET FROM THE <u>North</u> LINE AND <u>560</u> FEET FROM

11. County
Lea

THE <u>West</u> LINE OF SEC. <u>19</u> TWP. <u>22-S</u> RGE. <u>38-E</u>
--

15. Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
11/29/83	12/18/83	01-07-84	3330.6'	3330.6'

20. Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	24. Rotary Tools	25. Cable Tools
7500'	7500'	N/A	Surf to 7500'	N/A	N/A

24. Producing Interval(s), of this completion - Top, Bottom, Name	25. Was Directional Survey Made
7475', 7474', 7458', 7455', 7452', 7442', 7437', 7430', 7425'	No
Wantz Granite Wash	

26. Type Electric and Other Logs Run	27. Was Well Cored
GR/CND	No

28. CASING RECORD (Report all strings set in well)
--

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	42#	350'	17 1/2"	375 sx, circ to surf.	N/A
8-5/8"	24#	2468'	12 1/4"	1300 sx, 188 sx circ to pit.	N/A
5-1/2"	20# & 17#	7500'	7-7/8"	1455 sx, 100 sx circ to surf.	N/A

29. N/A LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
				2"	2-7/8	7400'	7400'

31. Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
7475', 7474', 7458', 7455', 7452', 7442', 7437', 7430', 7425' - 9 holes.	DEPTH INTERVAL
	AMOUNT AND KIND MATERIAL USED
	7475' - 7425'
	5000 gal NE 15% acid

33. PRODUCTION							
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
01-07-84		Flowing				Prod	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
01-10-84	24	20/64		196	80	0	408-1
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
350	0						

34. Disposition of Gas (Sold, used for fuel, vented, etc.)	Test Witnessed By
Sold.	Hoyt Andrews

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED <u>Brenda R. Witt</u>	TITLE <u>Production Analyst</u>	DATE <u>01/30/84</u>
------------------------------	---------------------------------	----------------------

C. to Warren C. to Oasin C. to partners C. to Oasin Hanson

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radio-activity logs of the well and a summary of all special tests conducted, including drill stem tests. All reported shall be measured depths. In the case of conventionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 30 through 34 shall be reported for each zone. This form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____ 1160'	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 2536'	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 3359'	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 3710'	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 3928'	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____ 5102'	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____ 5131'	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____ 5484'	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____ 6040'	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____ 6266'	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Gr. Wash 7360'	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wash Granite 7406'	T. _____	T. Chinle _____	T. _____
T. Penn. TD 7500'	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____ No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet
 No. 4, from _____ to _____ feet

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1160'	1160'	Sand & Red Beds				
1160'	1250'	90'	Anhydrite				
1250'	2440'	1190'	Salt				
2440'	2540'	100'	Dolomite				
2540'	3359'	819'	Anhydrite, Dolomite, Sand				
3359'	3928'	569'	Sand & Dolomite				
3928'	7360'	3432'	Dolomite w/shale stringers				
7360'	7406'	46'	Granite Wash				
7406'	7500'	94'	Granite				
	TD						

RECEIVED
 JAN 3 1984
 HOBBS OFFICE

REQUEST FOR ALLOWABLE

AND

HORIZATION TO TRANSPORT OIL AND NATURAL GAS

FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRODUCTION OFFICE			

HANSON OPERATING COMPANY, INC.

P. O. BOX 1515, ROSWELL, NEW MEXICO 88202-1515

Reason(s) for filing (Check proper box)

New Well ☒
 Recompletion ☐
 Change in Ownership ☐

Change in Transporter of:

Oil ☐ Dry Gas ☐
 Casinghead Gas ☐ Condensate ☐

Other (Please explain)

Request test allowable in the amount of
4645 barrels of oil for the month of
January, 1984.

If change of ownership give name

and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name Max Gutman	Well No. 8	Pool Name, Including Formation Wantz Granite Wash	Kind of Lease State, Federal or Fee	Lease No. FEE
Location Unit Letter <u>E</u> : <u>1980</u> Feet From The <u>North</u> Line and <u>560</u> Feet From The <u>West</u> Line of Section <u>19</u> Township <u>22-S</u> Range <u>38-E</u> , NMPM, Lea County				

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1183, Houston, TX 77001
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When K 19 22-S 38-E No

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shot-in)	Casing Pressure (shot-in)	Choke Size

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

L. Lora L. Corrao
(Signature)

Production Analyst

(Title)

01/10/84

(Date)

OIL CONSERVATION COMMISSION

JAN 12 1984

APPROVED _____, 19

BY ORIGINAL SIGNED BY JERRY SEXTON

DISTRICT I SUPERVISOR

TITLE _____

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

HANSON OPERATING COMPANY, INC.

MAX GUTMAN #8
Sec. 19, T. 22S, R. 38E
Lea County, NM

DAILY DRILLING REPORT

- 12/01/83 TD 350', Red Bed & Sand
MW 8.6/34, pH 8.5, 1% sd, 4% solid, chl 3000
9 hrs - RU rig #70, Spud @2:00 P.M.; 4-1/2 hrs - rotating. TD @6:30 P.M.
1/2 hr - circ; 3/4 hr - Dev & TOH; 1 hr - Rn 10 jts 13-3/8", 42#, K-55
csg set @350'; 3/4 hr - Circ; 3/4 hr - cmt w/375 sx Class 'C' w/2% Ca Cl.
Plg dn @10:15 P.M.; 4 hrs - WOC; 2-3/4 hrs - NUBOP.
Survey: 3/4° @350'
Bit #1, 17-1/2", retip, ftg 350', 4-1/2 hrs, jets 3-11, pmp press 1200,
rpm 120, bit wt 25000#.
BHA: bit sub 8-7", 2-6 1/2", x-sub. Pmp size 5 1/2 x 15 x 68
- 12/02/83 TD 1200', Red Bed & Anhy, made 850', drlg
MW 9#, VIS 34
3 hrs - NUBOP; 1/2 hr - press test blind rams & manifold w/800#, held ok;
1/2 hr - TIH; 1/2 hr - press test pipe rams w/800#, held ok; 2 hrs - drlg
plg cmt; 15-1/4 hrs - drlg; 1/2 hr - Dev; 1-3/4 hrs - Bit trip.
Surveys: 1/2° @827'; 1/2° @1031'
Bit #2, 12-1/4", Smith SDS, retip, made 681' in 10-1/4 hrs
Bit #3, 12-1/4", Hughes X1G, made 169' in 5 hrs
pmp press 1400, rot rpm 100, bit wt 40000#
- 12/03/83 TD 2030', Anhy, made 830', drlg
MW 9.6, VIS 34, pH 9, 2% solids, chl 165000
Bit #3, 12 1/4 X1G, 999' in 28 hrs, pmp press 1400, rpm 80, bit wt 40000#.
23 hrs - drlg; 1 hr - dev.
Survey: 3/4° @ 1515', 3/4° @ 1986'
- 12/04/83 TD 2468', Anhy, made 438', cem csg
MW 10.2, VIS 34, pH 9, 3% solids, chl 165000
Compl Bit #3, 12 1/4 X1G, 1437' in 44 1/2 hrs., pmp press 1400, rpm 100,
bit wt 40000#.
16 1/2 hrs - drlg, TD @ 9:30 pm; 1 hr - circ; 1/4 hr - dev; 1-3/4 hrs - TOH;
3 1/4 hrs - ran 60 jts 8-5/8 24# J55 ST&C csg set @ 2468'; 1/2 hr - circ;
3/4 hr - cem.
Survey: 1/2° @ 2468'
- 12/05/83 TD 2740', Anhy, made 272', drlg
MW 10, VIS 29, pH 9, chl 170000
Bit #4 - 7-7/8 HPSM, 272' in 9 1/4 hrs, pmp press 1600, rpm 65,
bit wt 35000#.
1 1/2 hrs - cem w/1100 sacks Halliburton Lite 15% salt, 1/4# flo cel followed
by 200 sacks Class C 2% cal chl. Plug dn @ 6:15 am. Circ 188 sacks.
4 hrs - WOC; 2 hrs - cut off; 2 hrs - NU; 1/4 hr - test BOP 1000# - OK;
1/2 hr - LDDCs; 3/4 hr - TIH; 1/2 hr - test rams 1000# - OK; 1-3/4 hrs -
unplug FL; 1-3/4 hrs - drlg 43' cem; 9 1/4 hrs - drlg.
- 12/06/83 TD 3315', Anhy, made 575', drlg
Drlg w/10# brine, pH 9, 1% solids, chl 165000
23 1/2 hrs - drlg; 1/2 hr - dev
Survey: 3/4° @ 2966'
Bit #4 - 7-7/8 HPSM, made 847' in 32-3/4 hrs,
Pmp press 1600, rpm 65, bit wt 35000#.
- 12/07/83 TD 3798', Anhy, made 483', TIH w/OS
MW 10, VIS 30, pH 9.1, chl 170000
21-1/2 hrs - drlg; 1/4 hr - dev; 2-1/4 hrs - TOH, twisted off @3798',
left 18 DC & bit in hole. Top of fish @3239'
Survey: 3/4° @3466'
Bit #4, 7-7/8" HPSM (rebit), made 1330' in 56-1/4 hrs, pmp ress 1600,
rpm 65, bit wt 35000#

HANSON OPERATING COMPANY, L. J.

MAX GUTMAN #8

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

Lea County, N. M.

DAILY DRILLING REPORT

Page 2

- 12/08/83 TD 4141', Anhy, made 343', drlg
Drlg w/10# brine, pH 9, 1% solids, chl 170000
1½ hrs - TIH w/OS; ¼ hr - fishing; 2½ hrs - TOH w/fish; 1½ hrs -
unplug DCs; 1 hr - LD fish; ½ hr - rig rep; ¾ hr - TIH; ¼ hr -
wash 60' to btm; 15½ hrs - drlg; ½ hr - dev.
Survey: ¾° @ 3966'
Bit #4 - 7-7/8 HPSM, made 1673' in 71¼ hrs, pmp press 1600,
rpm 60, bit wt 35000#.
- 12/09/83 TD 4800', Anhy, made 659', drlg
MW 10, VIS 29, pH 9, chl 170000
23½ hrs - drlg; ½ hr - survey
Survey: 1° @ 4435'
Bit #4 - 7-7/8 HPSM, made 2332' in 94-¾ hrs, pmp press 1600,
rpm 65, bit wt 35000#.
- 12/10/83 TD 5385', Lime, made 585', drlg
10# Brine, pH 9, Chl 175,000
Survey: 1° @ 4935'
Bit #4, 7-7/8" HPSM, made 2917' in 118-¼ hrs, pmp press 1600,
rpm 60, bit wt 35,000#
23½ hrs drlg
- 12/11/83 TD 5680', Lime, made 295', drlg
MW 10, VIS 33, pH 10, WL 20, Solids 2%, Chl 174,000
4½ hrs - drlg; ¼ hr deviation; 2½ hrs - TOH; ¾ hrs - TIH;
2 hrs - cut drlg ln; 1 hr - fin TIH; ½ hr - ream 60' to btm;
12½ hrs - drlg
Survey: ¾° @ 5470'
Completed bit #4, 7-7/8" HPSM, made 3002' in 123-¾ hrs
Bit #5, 7-7/8", F-57, made 210' in 11½ hrs, pmp press 1600,
rpm 55, bit wt 35,000#
- 12/12/83 TD 5900', Lime, made 220', drlg
MW 9.9, VIS 32, pH 10, Chl 174,000, WL 19, Solids 2%
3-¾ hrs - drlg, twist off @5737'; 1½ hrs - TOH, left
18 DC, jnk bskt, & bit in hole, top of fish @5181'; 1-¾ hrs -
TIH w/OS; ½ hr - fishing; 3 hrs - TOH; ½ hr - LD fish; ½ hr -
TIH; 1½ hrs - unplg DC; 1½ hrs - fin TIH; ½ hr - wash 60' to btm;
9-¾ hrs - drlg
Bit #5, 7-7/8", F-57, made 430' in 25 hrs, pmp press 1600,
rpm 62, bit wt 35,000#
- 12/13/83 TD 6215', lime, made 315', drlg
MW 9.7, VIS 32, pH 10.5, WL 20, solids 2%, chl 135000
23½ hrs - drlg; 1/2 hr - dev
Survey: 1° @ 5968'
Bit #5, 7-7/8", F-57, made 750' in 48½ hrs, pmp press 1600,
rpm 60, bit wt 35000#.
- 12/14/83 TD 6530', lime, made 315', drlg
MW 9.9, VIS 34, pH 10.5, WL 15, solids 2%, chl 140000
23½ hrs - drlg; 1/2 hr - dev
Survey: 1° @ 6464'
Bit #5, 7-7/8", F-57, made 1060' in 72 hrs, pmp press 1600,
rpm 60, bit wt 35000#.
- 12/15/83 TD 6763', Lime, made 233', tripping for Bit #6
MW 9.9, VIS 34, pH 10.5, WL 15, Solids 2%, Chl 146,000
23-¾ hrs - drlg; 1/4 hr - deviation
Bit #5, 7-7/8", F-57, made 1293' in 95-¾ hrs
Bit #6, 7-7/8", HPMH, pmp press 1600, rpm 60, bit wt 35,000#

HANSON OPERATING COMPANY, INC.

MAX GUTMAN #8

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Lea County, N. M.

DAILY DRILLING REPORT

Page 3

- 12/16/83 TD 6965', Lime, made 202', drlg
MW 9.8, VIS 32, pH 10.5, WL 20, Solids 2%, Chl 146,000
3½ hrs - TOH; 2-¾ hrs - TIH for bit chng; ¼ hr - wash 20' to btm;
18 hrs - drlg
Survey: 1¼° @ 6767'
Bit #6, 7-7/8", HPMH, made 202' in 18 hrs, pmp press 1600, rpm 60,
bit wt. 38,000#
- 12/17/83 TD 7183', Lime, made 218', Drlg
MW 10, VIS 32, pH 10.5, WL 17.4, Solids 2%, Chl 152,000
24 hrs - drlg
Bit #6, 7-7/8", HPMH, made 420' in 42 hrs, pmp press 1600,
rpm 60, bit wt. 38,000#
- 12/18/83 TD 7337', Lime, made 154', rep swivel
MW 10, VIS 34, pH 10.5, WL 20, Solids 2%, Chl 152,000
8 hrs - drlg; 2 hrs - survey; 9½ hrs - drlg; 6 hrs - rep swivel
Survey: 1¼° @ 7246'
Bit #6, 7-7/8", HPMH, made 574' in 59½ hrs, pmp press 1600,
rpm 60, bit wt. 38,000#
- 12/19/83 TD 7500', Lime, made 163', Circ to log
MW 10.1, VIS 37, pH 10.5, WL 10, Solids 2%, Chl 160,000
5½ hrs - rep swivel; 4½ hrs - drlg; 1½ hrs - circ samples @7375';
12¼ hrs - drlg, reached TD @ 4:45 am MST; ¼ hrs - circ
Complete Bit #6, 7-7/8", HPMH, made 737' in 76¼ hrs,
pmp press 1600, rpm 60, bit wt. 38,000#
- 12/20/83 TD 7500', running 5½" csg
1-¾ hrs - circ; ¼ hr - dev; 3 hrs - TOH; 6-1/2 hrs - logging.
Logger's TD 7489'; 1/2 hr - rig rep; 2-1/2 hrs - TIH; 1/4 hr - wash
30' to btm; 1 hr - circ; 6-¾ hrs - LDDP; 1 hr - change rams; 1/2
hr - running csg.
Survey: 1¼° @ 7500'
- 12/21/83 TD 7500', WOC
Rn 111 jts, 4648', 5-1/2" 20# N-80 csg LT&C. Rn 86 jts, 2865', 5-1/2" 17#
N-80 csg, LT&C. 7515' total pipe rn in hole w/shoe, FC & DV tool set @7500'.
DV tool set @4920' -/+ . Stage #1 of cmt: Cmt w/745 sx Class 'C' Poz mix.
Plug down @2:00 pm 12/20/83. Circ to surf 100 sx excess cmt. Circ for 6 hrs.
Stage #2: Cmt w/710 sx Halliburton Lite. Plug down @9:00 pm 12/20/83.
- 12/22/83 3 hrs - WOC; 1 hr - set slips; rig released @ 9:00 a.m., 12/21/83.
End of reports until further activity.

745 C
710 AS
725

HANSON OPERATING COMPANY, INC.

MAX GUTMAN #8
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Lea County, N. M.

COMPLETION REPORT

Page 1

- 01/03/84 MIPU & RU. Instld WH & BOP. PU DCs & unloaded 2-7/8" tbg.
Strtd running 2-7/8" tbg.
- 01/04/84 Fin PU 2-7/8" tbg. Rn dn to 4910'. Drld soft cmt on DV tool. Drld
4 hrs to drl out DV tool. Fin PU 2-7/8" tbg to go to TD. SIFN
- 01/05/84 Drld 30' of cmt on top of FC. Drld float @7476'. Drld 21' cmt below
FC & circ hole w/170 bbls of 2% KCL wtr. Pld tbg out of hole. LD DC.
SIFN
- 01/06/84 RU Dresser Atlas & logged well. Perf 9 holes. Rn tbg & RTTS pkr &
hydro tested tbg in hole to 7000#. SDFN
- 01/07/84 Acidize perfs f/7475', 7474', 7458', 7455', 7452', 7442', 7437', 7430',
& 7425', 9 perfs, w/5000 gal NE 15% acid. Spotted 200 gal over perfs.
BDF @2700#. Fin pmpg 4800 gal acid. Rn 20 ball sealers. Perfs balled
out. Max press 3300#, avg press 2924#. ISIP 1100#, in one min - 0.
Avg 5 BPM. Swbd 80 bbls (80 bbls AW & LW). Well kicked off & started
flwg. Flwg wtr & cut of oil. Hooked up well to frac tnk. Flwd 19 BO
& wtr to tnk. SIFN
- 01/08/84 Well SI for 14 hrs. Build up 1150# of press. Open well up on 26/64"
choke. Flwd well 7 hrs. Checked. Flwg press 210#.
- 01/09/84 7:30 A.M. thru 7:30 A.M. Sun. 24 hr flwg 198 BO, 2% cut AW. Tbg press
210#.
- 01/10/84 7:30 A.M. thru 7:30 A.M. 24 hr flwd 176 BO on 20/64" choke. TP 340#.
- 01/11/84 9-hrs - Flwd 72 BO, 20/64" choke, TP 340#.
Well on production - End of Reports.

WELL HISTORY REPORT

OPERATOR: Hanson Operating Company, Inc.

LSE. & NO.: Max Gutman #8

LOCATION: Unit E, 1980' FNL & 560' FWL
SW/4 NW/4, Sec.19,T. 22S, R. 38E
Lea County, New Mexico

FIELD: Wantz Granite Wash

ELEVATION: 3330.6 GL

DRILLING CONTRACTOR: Cactus Drilling Company
P. O. Box 2068
Hobbs, New Mexico 88240

TYPE DRILLING RIG: Rotary

DRILLING COMMENCED:
Spud Date: 11/29/83 @ 2:00 p.m.
TD Reached: 12/18/83 @ 4:45 a.m.
Date Completed: 01/07/84
Date of 1st Prod: 01/07/84

CASING PROGRAM: 13 3/8" 42# K-55 Casing set at 350' cem 375 sx
circ to surface
8 5/8" 24# J-55 ST&C Casing set at 2468' cem w/
1300 sx
111 jts - 5 1/2" 20# N-80 LT&C Casing set at 7513' cem w/
86 jts - 5 1/2" 17# N-80 LT&C Casing 1455 sx (100 sx circ to
surface)

TOTAL DEPTH: 7500'

PBTD: 7500'

DRILLSTEM TEST: N/A

LOGGING PROGRAM: Gamma Ray, Compensated Neutron Density Log

PERFORATIONS, ACID,
FRAC & TREATMENT: 7475',7474',7458',7455',7452',7442',7437',7430',
7425'; 9 holes. Acidized q/5000 gal 15% NE Acid

TOP OF PAY:

POTENTIAL: 196 BO, 80 MCFs, -0- BW in 24 hour test taken on 01/10/84

GAS PURCHASER: Warren Petroleum Company
P. O. Box 1589
Tulsa, OK 74102

OIL PURCHASER: The Permian Corporation
P. O. Box 1183
Houston, Texas 77001

WELL STATUS: Producing Well (Crude Oil & Casinghead Gas)

GEOLOGIST: Grant Smith

WELL HISTORY REPORT

GEO FM TOPS:

T. Anhy	1160'
T. Yates	2536'
T. Queen	3359'
T. Grayburg	3710'
T. San Andres	3928'
T. Glorieta	5102'
T. Paddock	5131'
T. Blinebry	5484'
T. Tubb	6040'
T. Drinkard	6266'
T. Granite Wash	7360'
T. Granite	7406'
Total Depth	7500'

CEM TOP:

PRODUCTION CASING:

2 7/8" Tubing set at 7400'

CORES:

N/A

HANSON OPERATING COMPANY, INC. - OPERATOR

MAX GUTMAN #8

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

Lea County, New Mexico

WORKOVER REPORT

02/10/87 RU plg un. Pull rods & pmp. Unseat anchor. RU BOP. Pull 20 stands tbg - well started kicking. Pull pmp truck up. Pmpd 20 BW. Pull tbg OH. Perf w/CRC @ 7362', 7368', 7372', 7376', 7393', 7396', 7400', 7402', 7405' - 9 holes. RU RITS & RBP. GIH w/2-7/8" work string. PU 234 jts. SIFN.

DAILY COST: \$ 3,244.00 - CUM COST: \$ 3,244.00

02/11/87 Ran in tbg & set RBP @ 7415'. Tst RBP w/2600#. Circ hole w/2% KCL wtr. Spot 100 gal ac on perf. Set RITS @ 7288'. Press csg @ 300#. Break dn fm w/3300#. Spot ac & ball to pkr. Trap press on csg & pmp ac into fm. Ball off w/8 balls. Could not surge balls off perf. Knock balls off by running pkr thru perfs. --- Fin ac job & flush w/40 BBLs 2% KCL wtr. Max psi - 5400#; Min psi - 1600#; Avg psi - 3450#. Max rate - 5.3 BPM; Min rate - 2.4 BPM; Avg rate - 4.0 BPM. Tot load - 171 BBLs fl. ISIP - 1200#. On vac 2 min. RU & swab 58 BBLs fl. Swab 10 runs. 1st run - 1700'; last run f/seat - cut 40-50% oil. Remainder - unspent ac. SIFN.

DAILY COST: \$ 9,339.20 - CUM COST: \$ 12,583.20

02/12/87 300# TP. Fl lev @ 3600' f/surf. Bled well dn - no flow. Swab 4 runs - rec 11 BBLs fl w/approx 90% oil cut. Had trouble swabbing on 5th run - swab parted - left approx 200' swab line IH. Get new swab bars & poured new rope socket. Rel RITS & let tbg equalize. Tbg unloading. Pmp 20 BW dn tbg. Ran 5 jts IH & rel RBP. LD 20 jts tbg. Well started loading. Swab & pmp intermittently to stop tbg unloading. LD 156 jts. Swab to SN. Swab 47 BBLs fl while plg tbg. SIFN.

DAILY COST: \$ 1,257.00 - CUM COST: \$ 13,840.20

02/13/87 LD 102 jts 2-7/8" tbg. LD RITS & RBP. Rec swab bars & swab line f/hole. Change rams in BOP. GIH w/prod assembly. RD BOP. Set anchor w/10,000# tension. Flange up WH. PU pmp & RIH w/rods. Seat pmp; space out; hang on. LD tbg w/pmp truck. Started pmpg @ 3:00. RD plg un. SIFN.

DAILY COST: \$ 1,870.00 - CUM COST: \$ 15,710.20

02/14/87 Prod 3 BO & 30 BW.

DAILY COST: \$ 3,000.00 - CUM COST: \$ 18,710.20

02/15/87 Prod 36 BO & 45 BW.

02/16/87 Prod 60 BO & 50 BW.

02/17/87 Prod 60 BO.

02/18/87 Prod 60 BO & 6 BW.

02/19/87 Prod 53 BO & 14 BW.

02/20/87 Prod 44 BO & 19 BW.

END OF REPORT

HANSON OPERATING COMPANY, INC. - OPERATOR

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Lea County, New Mexico

WORKOVER REPORT

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02/09/88 RU DA&S Well Service. POH w/prod equipment. RU Halliburton RBP & RTTS tool. RIH w/6128' 2-3/8" EUE 8rd thread tbg. Set BP @ 6120'. Test BP to 1000#. Circ hole clean w/150 BBLs KCL wtr. POH w/tbg & pkr. SIFN.

Granite Wash zone is TA'd, as of 02/08/88.

DAILY COST: \$ 5,719.32 - CUM COST: \$ 5,719.32

02/10/88 RU CRC WL Co. Tag RBP @ 6127'. RIH w/select fire perf gun. Perf 5-1/2" csg in Blinebry zone @ 5856,5857,5858,5859,5860,5861,5862, 5863,5911,5912,5916,5927,5948,5970 & 5971'. 1 jet shot/space. Tot of 15 holes. POH w/perf gun. RD & rel CRC. RIH w/Halliburton RTTS tool, SN & 192 jts 2-7/8" EUE 8rd thread tbg to 5974.88'. Spot 3 BBLs 15% NeFe ac across perfs. Pull 5 jts tbg. Set pkr @ 5806.26'. Break dn perfs w/3 BBLs ac. Took 1800# to break. Open by-pass vlv. Spot ac & balls to end of tbg. Shut by-pass & acdz well w/2000 gal 15% NeFe ac, 35 RCN 7/8" balls & flush w/38 BBLs 20% KCL wtr. Good ball action. Balled off to 6000 psi w/17 balls. Avg rate - 3.7 BPM, avg press - 1960#. ISIP 1200#, 5 min 1150#, 15 min 1150#. Tot ld - 89 BBLs. RD & rel Halliburton. Swab & flow back 45 BBLs ld ac & wtr. Left FL @ 3400' f/surf. 44 BBLs ld left ~~at~~ ^{to} rec. SIFN.

DAILY COST: \$ 6,185.23 - CUM COST: \$ 11,904.55

02/11/88 SITP - 500# after 10 hrs. 2200' fl IH. Swab 5 BO & 12 BLW in 9-1/2 hrs. Swab dn in 5 hrs. Swab 1 BBL fl in last 4 hrs. Last FL - 400' fl IH. 27 BBLs left to rec.

DAILY COST: \$ 1,798.66 - CUM COST: \$ 13,703.21

02/12/88 SITP - 200# after 12 hrs. Tag FL 2200' IH. Swab to 400' IH. Swab 3 BO & 3 BLW in 2 hrs. Rig up Halliburton & frac Blinebry perfs f/5856-5972' w/20,000 gal of Versagell 1400 & 39000#. 20/40 sd. Avg rate - 19 BPM; avg press - 4150#; max press - 4500#. ISIP 1450#, 5 min 1320#, 10 min 1260#, 15 min 1220#. SI. Job complete @ 11:30 A.M. on 02/11/88. 21 BBLs ld left to rec. Open well @ 8:00 in A.M.

DAILY COST: \$ 17,985.05 - CUM COST: \$ 31,688.26

02/13/88 SITP - 0# after 18 hrs. FL @ surf. Swab 0 BO & 189 BLW in 10 hrs. Swab to 3520'. Last 2 swab runs - good show of gas. Last run - recovered 20 BBLs fl - 1% oil cut.

DAILY COST: \$ 1,704.10 - CUM COST: \$ 33,392.36

02/14/88 SITP - 150# after 16 hrs. Tag FL 2000' f/surf. Swab 35 BO & 123 BLW in 11 hrs. Last run - 1400' fl IH. Last hr - recovered 17 BBLs fl - 25% oil cut. Release RTTS tool. POH w/tbg. SIFN.

DAILY COST: \$ 2,123.63 - CUM COST: \$ 35,515.99

02/15/88 SIWE.

02/16/88 RIH w/Halliburton RBP, RTTS tool & 187 jts 2-7/8" tbg. Set RBP @ 5785'. PU BP & circ hole clean w/150 BBLs 2% KCL wtr. Press up on BP to 1000# - plug held. POH w/tbg. RU CRC & perf 5-1/2" csg in upper Blinebry zone @ 5766,5755,5753,5713,5709,5695,5690,5685,5680, 5677,5672,5671,5657,5633,5631,5621,5617,5615,5589,5587,5584 & 5579'. 1 jet shot/space, total of 22 holes. RD & release CRC. RIH w/RTTS tool & 187 jts tbg. Spot 4 BBLs 15% ac across perfs. Pull out 10 jts tbg. Set RTTS tool @ 5470'. RU Halliburton & break perfs w/1800# press. Open by-pass & spot ac to end of tbg. Close by-pass & acdz perfs w/2000 gal 15% NeFe ac dropping 44 RCN balls. Flush w/35 BBLs 2% KCL wtr. Good ball action. Balled off & press to 5000#. Flush balls off perfs. Avg rate 4 BPM, avg press 2150#. ISIP 1200#, 5 min 1100#, 10 min 950#, 15 min 850#. Job complete @ 3:30 on 02/15/88. RD & release Halliburton. Tag FL @ surf. RU & swab 0 BO & 35 BLW in 2 hrs. Last FL 4685' f/surf. Tot ld - 87 BBLs. 52 BBLs fl left to recover.

DAILY COST: \$ 9,261.71 - DAILY COST: \$ 44,777.70

HANSON OPERATING COMPANY, INC. - OPERATOR

MAX GUTMAN #8

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WORKOVER REPORT

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02/17/88 SITP 480# after 12 hrs. Tag fl @ 4600' f/surf. Swab 35 BO & 45 BLW in 12 hrs. Last swab - rec 17 BLW cutting 55% oil. FL 4600' f/surf @ end of swab. Swab f/3500'. All ld recovered.

DAILY COST: \$ 1,632.95 - CUM COST: \$ 46,410.65

02/18/88 SITP 500# after 12 hrs. Tag fl @ 4200' f/surf. Swab & flow 19 BBLs fl in 1 hr w/95% oil cut. Flow for 30 mins. Kill well w/5 BW & RU Halliburton. Frac Middle Blinebry perms f/5766-5579' w/50,000 gal versa-gel 1400 & 100,000# 20/40 sd @ the rate of 1-4#/gal. Avg rate - 23 BPM, avg press 4060#, max treating press - 5000#. Flush w/38 BW. ISIP 1330#; 5 min 1220#; 10 min 1150#; 15 min 1100#. Job complete @ 10:19 A.M. on 02/17/88. RD & release Halliburton.

DAILY COST: \$ 16,448.54 - CUM COST: \$ 62,859.19

02/19/88 SITP 725# after 18 hrs. Bled to 0# in 30 mins. Recovered 19 BBLs fl - 30% oil cut. Tag fl @ 4200' f/surf. Swab & flow 66 BO & 109 BLW in 11 hrs. Swab dn to 3400' f/surf. Good show of gas. Last hour swabbed 15 BBLs fl - 40% oil cut. 3400' fl IH.

DAILY COST: \$ 1,556.48 - CUM COST: \$ 64,415.67

02/20/88 SITP 650# after 12 hrs. Bled press off. Rel RTTS tool. POH & LD work string. RIH w/2-3/8" x 8' sub, 2-3/8" x 8' sub for mud anchor, 2-3/8" x 4' perf sub & mech hold-down SN w/8' gas anchor. Run 4 jts 2-3/8" tbg, anchor catcher & 187 jts 2-3/8" tbg. End of tbg @ 5800'. Perf nipple @ 5782'. SN @ 5781'. Anchor catcher @ 5657'. Run pmp & 21 rods IH. Pmp stuck in paraffin. SIFN.

DAILY COST: \$ 1,720.02 - CUM COST: \$ 66,135.69

02/21/88 RU hot oiler to hot oil dn tbg. Unable to pmp into tbg. Strip OH w/tbg. Found 186' tbg plugged w/frac sd. SIFN.

DAILY COST: \$ 2,295.19 - CUM COST: \$ 68,430.88

02/22/88 RIH w/bulldog blr, sd pmp & 191 jts tbg. Tag fill @ 5796'. Clean hole to RBP. POH w/tbg & sd pmp. Rec 100' sd in tbg. RIH w/retrieving tool for BP, sd pmp & 191 jts tbg. Tag BP. Rel plug & POH. RIH w/31' mech anchor, 4' perf sub, mech hold-down pmp, gas anchor, 12 jts 2-3/8" tbg, tbg anchor & 4' jts 2-3/8" tbg. SIFN.

DAILY COST: \$ 2,263.12 - CUM COST: \$ 70,694.00

02/23/88 Fin RIH w/166 jts 2-3/8" tbg. End of mud anchor @ 6014'. Perf sub @ 5979.82', top SN @ 5979' & tbg anchor @ 5547'. Tot tbg IH - 182 jts. RIH w/pmp w/mech hold-down, 157 - 3/4" rods, 78 - 7/8" rods & polish rod. Hang well on. RD & rel DA&S Well Service. Return to prod @ 11:30 A.M. on 02/22/88..

DAILY COST: \$ 920.48 - CUM COST: \$ 71,614.48

02/24/88 Pmpd 44 BO & 50 BLW in 18 hrs.
59 MCFs/day..

02/25/88 Pmpd 83 BO & 86 BLW in 24 hrs.
76 MCFs/day.

02/26/88 Pmpd 69 BO & 94 BLW in 24 hrs.
67 MCFs/day. 986 BLW left to recover.

HANSON OPERATING COMPANY, INC. - OPERATOR

MAX GUTMAN #8
Sec.19,T.22S,R.38E
Lea County, New Mexico

WORKOVER REPORT

Page #3

02/27/88 Pmpd 69 BO & 55 BLW in 24 hrs.
400 MCFs/day.

02/28/88 Pmpd 63 BO & 126 BLW in 24 hrs.
400 MCFs/day.

02/29/88 Pmpd 83 BO & 139 BLW in 24 hrs.
400 MCFs/day.

03/01/88 Pmpd 88 BO & 166 BLW in 24 hrs.
400 MCFs/day. 502 BLW left to recover.

03/02/88 Pmpd 69 BO & 143 BLW in 24 hrs.
400 MCFs/day. 359 BLW left to recover.

03/03/88 Pmpd 64 BO & 143 BLW in 24 hrs.
400 MCFs/day. 216 BLW left to recover.

03/04/88 Pmpd 66 BO & 77 BLW in 24 hrs.
400 MCFs/day. 139 BLW left to recover.

03/05/88 Pmpd 72 BO & 144 BLW in 24 hrs.
182 MCFs/day.

03/06/88 Pmpd 72 BO & 136 BLW in 24 hrs.
182 MCFs/day.

03/07/88 Pmpd 72 BO & 149 BLW in 24 hrs.
182 MCFs/day.

03/08/88 Pmpd 66 BO & 165 BLW in 24 hrs.
173 MCFs/day.

03/09/88 Pmpd 55 BO & 147 BLW in 24 hrs.
176 MCFs/day.

03/10/88 Pmpd 63 BO & 135 BW in 24 hrs.
206 MCFs/day.

03/11/88 Pmpd 63 BO & 173 BW in 24 hrs.
197 MCFs/day.

03/12/88 Pmpd 66 BO & 160 BW in 24 hrs.
272 MCFs/day.

03/13/88 Pmpd 66 BO & 142 BW in 24 hrs.
202 MCFs/day.

03/14/88 Pmpd 66 BO & 161 BW in 24 hrs.
191 MCFs/day.

03/15/88 Pmpd 55 BO & 131 BW in 24 hrs.
261 MCFs/day.

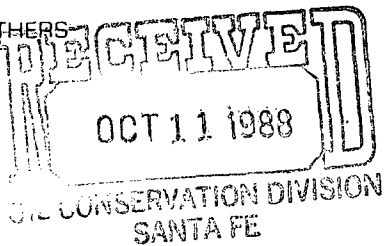
03/16/88 Pmpd 63 BO & 107 BW in 24 hrs.
310 MCFs/day.

END OF REPORT.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

GARREY CARRUTHERS
GOVERNOR



9-15-88

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

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

RE: Proposed:

MC	_____
DHC	<u>X</u> _____
NSL	_____
NSP	_____
SWD	_____
WFX	_____
PMX	_____

Gentlemen:

I have examined the application for the:

Hanson Operating Co Inc. May Gutsman #8-E 19-22-38
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK JS

Yours very truly,

Jerry Sexton
Supervisor, District 1

/ed