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BEFORE THE NEW MEXICO  
OIL CONSERVATION COMMISSION

APPLICATION OF C. W. TRAINER :  
for approval of the Hume-Queen:  
Unit Agreement, Lea County, :  
New Mexico :

CASE NO. 2773

APPLICATION

Comes now C. W. TRAINER by his attorneys, Seth, Montgomery, Federici & Andrews, and applies to the New Mexico Oil Conservation Commission for approval of the Hume-Queen Unit Agreement, and in support of his application states:

1. That the proposed Hume-Queen Unit Comprises 1240 acres of State land in Township 16 South, Range 34 East, Lea County, New Mexico, as follows:

Section 7: E/2, E/2 SW/4  
Section 8: All  
Section 9: W/2 W/2  
Section 17: NW/4 NE/4

2. That the proposed unit includes all wells that have been completed in the Hume-Queen Pool.

3. That the Commissioner of Public Lands has given tentative approval to the inclusion of the above listed lands in the proposed unit.

4. That approval of the proposed unit agreement will be in the best interests of conservation, will protect correlative rights and will aid in the prevention of waste by making feasible a waterflood project in the unit area. The waterflood project is the subject of a companion application.

WHEREFORE, it is requested that this application be set for hearing before the Commission or one of its examiners, and that following said hearing the Commission enter its order approving this application.

SETH, MONTGOMERY, FEDERICI & ANDREWS  
By Richard J. Morris  
Attorneys for C. W. TRAINER.

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Date 3/8/63 dh

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SETH, MONTGOMERY, FEDERICI & ANDREWS

By

*Richard S. Morris*  
Attorneys for C. W. TRAINER.

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BEFORE THE NEW MEXICO  
OIL CONSERVATION COMMISSION

APPLICATION OF C. W. TRAINER :  
for approval of the Hume-Queen:  
Unit Agreement, Lea County, :  
New Mexico :

CASE NO. 2233

APPLICATION

Comes now C. W. TRAINER by his attorneys, Seth, Montgomery, Federici & Andrews, and applies to the New Mexico Oil Conservation Commission for approval of the Hume-Queen Unit Agreement, and in support of his application states:

1. That the proposed Hume-Queen Unit Comprises 1240 acres of State land in Township 16 South, Range 34 East, Lea County, New Mexico, as follows:

Section 7: E/2, E/2 SW/4  
Section 8: All  
Section 9: W/2 W/2  
Section 17: NW/4 NE/4

2. That the proposed unit includes all wells that have been completed in the Hume-Queen Pool.

3. That the Commissioner of Public Lands has given tentative approval to the inclusion of the above listed lands in the proposed unit.

4. That approval of the proposed unit agreement will be in the best interests of conservation, will protect correlative rights and will aid in the prevention of waste by making feasible a waterflood project in the unit area. The waterflood project is the subject of a companion application.

WHEREFORE, it is requested that this application be set for hearing before the Commission or one of its examiners, and that following said hearing the Commission enter its order approving this application.

SETH, MONTGOMERY, FEDERICI & ANDREWS

By

*Richard S. Morris*  
Attorneys for C. W. TRAINER.

HOME QUEEN UNIT  
Lee County, New Mexico  
STATISTICAL SUMMARY  
1970

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2/1/70

Union Oil Company of California  
Unit Operator  
210 East Ave. "G"  
Lovington, New Mexico

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>OIL PRODUCTION, BARRELS</u>												
Monthly Production	2,178	1,791	1,848	1,785	1,322							
Daily Avg. Production	70	64	60	60	43							
Monthly Allowable	5,208	4,704	5,208	5,040	5,208							
Daily Avg. Allowable	168	168	168	168	168							
Cumulative Production												
Since Discovery	1,243,985	1,245,776	1,247,624	1,249,409	1,250,731							
Since Unitization	786,021	787,812	789,660	791,445	1,252,053							
Monthly Pipeline Runs	2,205	1,854	1,756	1,899	1,254							
<u>WATER PRODUCTION, BARRELS</u>												
Monthly Production	46,121	38,224	38,798	34,505	26,190							
Daily Avg. Production	1,488	1,365	1,252	1,150	845							
Cumulative Prod. Since												
Unitization	2,817,587	2,855,811	2,894,609	2,929,114	2,955,304							
Average Unit Cut	95%	96%	95%	95%	95%							
<u>GAS PRODUCTION, MCF</u>												
Monthly Production												
Gas Sales												
Vented												
<u>WATER INJECTION, BARRELS</u>												
Monthly Injection	64,944	40,900	39,379	36,034	29,290							
Daily Avg. Injection	2,095	1,461	1,270	1,201	945							
Cumulative Injection	7,397,794	7,434,100	7,473,479	7,509,513	7,538,803							
Daily Avg. Inj. Per Well	150	104	91	86	68							
<u>WELL STATUS</u>												
Pumping	5	5	5	5	4							
Water Injection	14	14	14	14	14							
Shut In												
Producers	1	1	1	1	2							
Injectors	1	1	1	1	1							
Total Excluding Water												
Supply	21	21	21	21	21							
Water Supply	2	2	2	2	2							

MAIN OFFICE 000

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STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES  
STATISTICAL DIVISION  
1970

210 East Ave., "C"  
Los Angeles, California

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	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>WATER PRODUCTION, BARRELS</u>												
Monthly Production	2,178											
Daily Avg. Production	70											
Monthly Allowable	5,208											
Daily Avg. Allowable	168											
Cumulative Production	1,243,985											
Since Discovery	786,021											
Since Utilization	2,205											
Monthly Pipeline Runs												
<u>WATER PRODUCTION, BARRELS</u>												
Monthly Production	46,121											
Daily Avg. Production	1,488											
Cumulative Prod. Since	2,817,587											
Utilization	95%											
Average Unit Out												
<u>GAS PRODUCTION, JOE</u>												
Monthly Production												
Gas Sales												
Wanted												
<u>WATER INJECTION, BARRELS</u>												
Monthly Injection	64,944											
Daily Avg. Injection	2,095											
Cumulative Injection	7,397,794											
Daily Avg. Inj. Per Well	150											
<u>WELL STATUS</u>												
Pumping	5											
Water Injection	14											
Shut In												
Producers	1											
Injectors	1											
Total Excluding Water	21											
Supply												
Water Supply	2											

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CH-30, 1st of 2 in file  
Unit of Police  
210 East Ave., 10th  
Lovington, New Mexico

DEC.

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HUME QUEEN UNIT  
Lea County, New Mexico  
STATISTICAL SUMMARY  
1969

Union Oil Company of California  
Unit Operator  
210 East Ave. "O"  
Lovington, New Mexico

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>OIL PRODUCTION, BARRELS</u>												
Monthly Production	4,094	3,684	3,893	3,492	3,356	3,293	2,978					
Daily Avg. Production	132	132	126	116	108	110	96					
Monthly Allowable	9,455	8,540	9,455	5,640	5,828	5,640	5,828					
Daily Avg. Allowable	305	305	305	188	188	188	188					
Cumulative Production												
Since Discovery	1,208,524	1,212,208	1,216,101	1,219,593	1,222,949	1,226,242	1,229,220					
Since Unitization	746,060	749,744	758,137	761,629	764,985	768,278	771,256					
Monthly Pipeline Runs	4,103	3,544	3,952	3,499	3,406	3,305	2,773					
<u>WATER PRODUCTION, BARRELS</u>												
Monthly Production	42,409	35,758	41,079	42,060	44,485	42,030	44,675					
Daily Avg. Production	1,368	1,277	1,325	1,402	1,435	1,401	1,441					
Cumulative Prod. Since												
Unitization	2,349,907	2,385,665	2,426,744	2,468,804	2,513,289	2,555,319	2,599,994					
Average Unit Cut	91%	91%	91%	92%	93%	93%	94%					
<u>GAS PRODUCTION, MCF</u>												
Monthly Production	0	0	0	0	0	0	0					
Gas Sales	0	0	0	0	0	0	0					
Vented	0	0	0	0	0	0	0					
<u>WATER INJECTION, BARRELS</u>												
Monthly Injection	106,300	92,900	104,250	105,250	100,340	102,400	111,520					
Daily Avg. Injection	3,429	3,318	3,363	3,508	3,237	3,413	3,597					
Cumulative Injection	6,288,340	6,381,240	6,485,490	6,590,740	6,691,080	6,793,480	6,905,000					
Daily Avg. Inj. Per Well	264	255	260	270	231	244	257					
<u>WELL STATUS</u>												
Pumping	5	5	5	5	5	5	5					
Water Injection	13	13	13	13	14	14	14					
Shut In												
Producers	1	1	1	1	1	1	1					
Injectors	2	2	2	2	1	1	1					
Total Excluding Water												
Supply	21	21	21	21	21	21	21					
Water Supply	2	2	2	2	2	2	2					

2173

1969

Lovington, New Mexico

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HOME QUEEN UNIT  
Lea County, New Mexico  
STATISTICAL SUMMARY  
1969

Union Oil Company of California  
Unit Operator  
210 East Ave. "O"  
Lovington, New Mexico

	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>OIL PRODUCTION, BARRELS</u>												
Monthly Production	4,094	3,684	3,693	3,492								
Daily Avg. Production	132	132	126	116								
Monthly Allowable	9,455	8,540	9,455	5,640								
Daily Avg. Allowable	305	305	305	188								
Cumulative Production												
Since Discovery	1,208,524	1,212,208	1,216,101	1,219,593								
Since Unitization	746,060	749,744	758,137	761,629								
Monthly Pipeline Runs	4,103	3,544	3,952	3,499								
<u>WATER PRODUCTION, BARRELS</u>												
Monthly Production	42,409	35,758	41,079	42,060								
Daily Avg. Production	1,368	1,277	1,325	1,402								
Cumulative Prod. Since												
Unitization	2,349,907	2,385,665	2,426,744	2,468,804								
Average Unit Cut	91%	91%	91%	92%								
<u>GAS PRODUCTION, MCF</u>												
Monthly Production	0	0	0	0								
Gas Sales	0	0	0	0								
Vented	0	0	0	0								
<u>WATER INJECTION, BARRELS</u>												
Monthly Injection	106,300	92,900	104,250	105,250								
Daily Avg. Injection	3,429	3,318	3,363	3,508								
Cumulative Injection	6,288,340	6,381,240	6,485,490	6,590,740								
Daily Avg. Inj. Per Well	264	255	260	270								
<u>WELL STATUS</u>												
Pumping	5	5	5	5								
Water Injection	13	13	13	13								
Shut In												
Producers	1	1	1	1								
Injectors	2	2	2	2								
Total Excluding Water												
Supply	21	21	21	21								
Water Supply	2	2	2	2								

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HUME QUEEN UNIT  
Lea County, New Mexico  
STATISTICAL SUMMARY

Union Oil Company of California  
Unit Operator  
210 East Ave. "O"  
Lovington, New Mexico

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
<u>OIL PRODUCTION, BARRELS</u>												
Monthly Production	7,916	8,292	8,078	7,195	6,919	7,070	6,843	5,854	5,221	4,951		
Daily Avg. Production	255	286	261	240	223	236	221	189	174	160		
Monthly Allowable	13,144	12,296	13,144	9,150	9,455	9,150	9,455	9,455	9,150	9,455		
Daily Avg. Allowable	424	424	424	305	305	305	305	305	305	305		
<u>Cumulative Production</u>												
Since Discovery	1,134,450	1,142,742	1,150,820	1,158,015	1,164,934	1,172,004	1,178,847	1,184,701	1,189,922	1,194,873		
Since Unitization	671,986	680,278	688,356	695,551	702,470	709,540	716,383	722,237	727,458	732,409		
Monthly Pipeline Runs	7,939	8,307	7,999	7,260	6,803	7,062	6,978	5,683	4,857	5,424		
<u>WATER PRODUCTION, BARRELS</u>												
Monthly Production	43,030	46,081	45,300	38,283	41,077	41,182	44,782	46,214	45,480	44,439		
Daily Avg. Production	1,388	1,589	1,461	1,276	1,325	1,373	1,445	1,491	1,516	1,434		
<u>Cumulative Prod. Since</u>												
Unitization	1,825,184	1,871,265	1,916,565	1,954,848	1,995,925	2,037,107	2,081,889	2,128,103	2,173,583	2,218,022		
Average Unit Cut	84%	85%	84%	84%	86%	85%	87%	89%	90%	90%		
<u>GAS PRODUCTION, MCF</u>												
Monthly Production	0	0	0	0	0	0	0	0	0	0		
Gas Sales	0	0	0	0	0	0	0	0	0	0		
Vented	0	0	0	0	0	0	0	0	0	0		
<u>WATER INJECTION, BARRELS</u>												
Monthly Injection	92,807	101,731	113,094	100,736	108,866	102,388	104,361	95,251	107,620	106,415		
Daily Avg. Injection	2,994	3,508	3,648	3,358	3,512	3,413	3,366	3,073	3,587	3,433		
<u>Cumulative Injection</u>												
Daily Avg. Inj. Per Well	5,047,225	5,148,956	5,262,050	5,362,786	5,471,652	5,574,040	5,678,401	5,773,652	5,881,272	5,987,687		
Daily Avg.	214	234	243	224	234	244	240	220	256	245		
<u>WELL STATUS</u>												
Pumping	5	5	5	5	5	5	5	5	5	5		
Water Injection	14	15	15	15	15	14	14	14	14	14		
Shut In												
Producers	2	1	1	1	1	1	1	1	1	1		
Injectors	0	0	0	0	0	1	1	1	1	1		
Total Excluding Water	21	21	21	21	21	21	21	21	21	21		
Supply	2	2	2	2	2	2	2	2	2	2		
Water Supply												

Unitized: May 1, 1963

Water Injection Began: May 24, 1963

11. PRODUCTION, BARRELS

Monthly Production  
 Daily Average Production  
 Monthly Allowable  
 Daily Average Allowable  
 Cumulative Production  
 Since Discovery  
 Since Unitization  
 Monthly Pipeline Runs

WATER PRODUCTION, BARRELS  
 Monthly Production  
 Daily Average Production  
 Cumulative Production Since  
 Unitization  
 Average Unit Cut

GAS PRODUCTION, MOF  
 Monthly Production  
 Gas Sales  
 Vented

WATER INJECTION, BARRELS  
 Monthly Injection  
 Daily Avg. Injection  
 Cumulative Injection  
 Daily Avg. Injection Per  
 Well

WELL STATUS  
 Pumping  
 Water Injection  
 Shut In  
 Producers  
 Injectors  
 Total (Excluding Water  
 Supply)  
 Water Supply

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Monthly Production	11,513	9,870	9,567	10,095	9,220	8,186	8,315	7,741	7,805	7,341	6,324
Daily Average Production	371	352	309	336	297	273	268	250	260	237	230
Monthly Allowable	27,404	24,752	27,404	26,520	27,404	12,720	13,144	13,144	12,720	13,144	12,720
Daily Average Allowable	884	884	884	884	884	424	424	424	424	424	424
Cumulative Production	1,034,408	1,044,278	1,053,845	1,063,940	1,073,160	1,081,346	1,089,651	1,097,402	1,105,207	1,112,548	1,119,742
Since Discovery	571,964	581,834	591,401	601,496	610,716	618,902	627,217	634,958	642,763	650,104	656,335
Since Unitization	12,327	9,638	9,796	10,178	9,172	7,960	3,552	7,716	7,805	7,179	6,880
Monthly Pipeline Runs											
Monthly Production	72,044	69,237	75,104	71,904	72,974	62,430	70,401	67,590	32,170	40,874	35,335
Daily Average Production	2,324	2,473	2,423	2,397	2,354	2,081	2,271	2,180	1,072	1,319	1,138
Cumulative Production Since											
Unitization	1,143,239	1,212,476	1,287,580	1,359,484	1,432,458	1,494,888	1,565,289	1,632,879	1,665,049	1,705,923	1,741,558
Average Unit Cut	86%	87%	89%	88%	89%	88%	89%	90%	80%	85%	84%
Monthly Production	53	52	27	23	0	0	0	0	0	0	0
Gas Sales	53	52	27	23	0	0	0	0	0	0	0
Vented	0	0	0	0	0	0	0	0	0	0	0
Monthly Injection	100,134	97,931	104,274	80,635	81,066	113,086	97,169	111,021	65,391	95,213	95,112
Daily Avg. Injection	3,230	3,499	3,364	2,608	2,615	3,770	3,134	3,581	2,180	3,071	3,037
Cumulative Injection	3,919,223	4,017,204	4,121,478	4,202,113	4,283,179	4,396,265	4,493,434	4,604,455	4,669,846	4,765,059	4,860,171
Daily Avg. Injection Per											
Well	248	269	259	207	187	269	224	256	156	219	226
Pumping	8	8	7	7	7	7	7	7	5	5	5
Water Injection	13	13	13	13	14	14	14	14	14	14	14
Shut In											
Producers	0	0	1	1	0	0	0	0	2	2	2
Injectors	0	0	0	0	0	0	0	0	0	0	0
Total (Excluding Water											
Supply)	21	21	21	21	21	21	21	21	21	21	21
Water Supply	2	2	2	2	2	2	2	2	2	2	2

Unitized: May 1, 1963

Water Injection Beg. on: May 2, 1963

HOME QUEEN UNIT  
Lea County, New Mexico  
STATISTICAL SUMMARY  
1967

Union Oil Company of California  
Unit Operator  
210 East Ave. "O"  
Lovington, New Mexico

713

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<u>OIL PRODUCTION, BARRELS</u>											
Monthly Production	11,513	9,870	9,567	10,095	9,220	8,186	8,315	7,741	7,805		
Daily Average Production	371	352	309	336	297	273	268	250	260		
Monthly Allowable	27,404	24,752	27,404	26,520	27,404	12,720	13,144	13,144	12,720		
Daily Average Allowable	884	884	884	864	884	424	424	424	424		
Cumulative Production											
Since Discovery	1,034,408	1,044,278	1,053,845	1,063,940	1,073,160	1,081,346	1,089,661	1,097,402	1,105,207		
Since Unitization	571,964	581,834	591,401	601,496	610,716	618,902	627,217	634,958	642,763		
Monthly Pipeline Runs	12,327	9,638	9,796	10,178	9,172	7,960	8,552	7,716	7,805		
<u>WATER PRODUCTION, BARRELS</u>											
Monthly Production	72,044	69,237	75,104	71,904	72,974	62,430	70,401	67,590	32,170		
Daily Average Production	2,324	2,473	2,423	2,397	2,354	2,081	2,271	2,180	1,072		
Cumulative Production Since											
Unitization	1,143,239	1,212,476	1,287,580	1,359,484	1,432,458	1,494,888	1,565,289	1,632,879	1,665,049		
Average Unit Cut	86%	87%	89%	88%	89%	88%	89%	90%	80%		
<u>GAS PRODUCTION, MCF</u>											
Monthly Production	53	52	27	23	0	0	0	0	0		
Gas Sales	53	52	27	23	0	0	0	0	0		
Vented	0	0	0	0	0	0	0	0	0		
<u>WATER INJECTION, BARRELS</u>											
Monthly Injection	100,134	97,981	104,274	80,635	81,066	113,086	97,169	111,021	65,391		
Daily Avg. Injection	3,230	3,499	3,364	2,688	2,615	3,770	3,134	3,581	2,180		
Cumulative Injection	3,919,223	4,017,204	4,121,478	4,202,113	4,283,179	4,396,265	4,493,434	4,604,455	4,669,846		
Daily Avg. Injection Per											
Well	248	269	259	207	187	269	224	256	156		
<u>WELL STATUS</u>											
Pumping	8	8	7	7	7	7	7	7	5		
Water Injection	13	13	13	13	14	14	14	14	14		
Shut In	0	0	1	1	0	0	0	0	2		
Producers	0	0	0	0	0	0	0	0	0		
Injectors	0	0	0	0	0	0	0	0	0		
Total (Excluding Water											
Supply)	21	21	21	21	21	21	21	21	21		
Water Supply	2	2	2	2	2	2	2	2	2		

Unitized: May 1, 1963

Water Injection Began: May 24, 1963

67 Nov 19 2016

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<u>WATER PRODUCTION, BARRELS</u>											
Monthly Production	11,513	9,870	9,567	10,095	9,220	8,186	8,315	7,741			
Daily Average Production	371	352	309	336	297	273	268	250			
Monthly Allowable	27,404	24,752	27,404	26,520	27,404	12,720	13,144	13,144			
Daily Average Allowable	884	884	884	884	884	424	424	424			
Cumulative Production											
Since Discovery	1,034,408	1,044,278	1,053,845	1,063,940	1,073,160	1,081,346	1,089,661	1,097,402			
Since Unitization	571,964	581,834	591,401	601,496	610,716	618,902	627,217	634,958			
Monthly Pipeline Runs	12,327	9,638	9,796	10,178	9,172	7,960	8,552	7,716			
<u>WATER PRODUCTION, BARRELS</u>											
Monthly Production	72,044	69,237	75,104	71,904	72,974	62,430	70,401	67,590			
Daily Average Production	2,324	2,473	2,423	2,397	2,354	2,081	2,271	2,180			
Cumulative Production Since											
Unitization	1,143,239	1,212,476	1,287,580	1,359,484	1,432,453	1,494,888	1,565,289	1,632,879			
Average Unit Cut	86%	87%	89%	88%	89%	88%	89%	90%			
<u>GAS PRODUCTION, MCF</u>											
Monthly Production	53	52	27	23	0	0	0	0			
Gas Sales	53	52	27	23	0	0	0	0			
Vented	0	0	0	0	0	0	0	0			
<u>WATER INJECTION, BARRELS</u>											
Monthly Injection	100,134	97,981	104,274	80,635	81,066	113,086	97,169	111,021			
Daily Avg. Injection	3,230	3,499	3,364	2,688	2,615	3,770	3,134	3,581			
Cumulative Injection	3,919,223	4,017,204	4,121,478	4,202,113	4,283,179	4,396,265	4,493,434	4,604,455			
Daily Avg. Injection Per											
Well	248	269	259	207	187	269	224	256			
<u>WELL STATUS</u>											
Pumping	8	8	7	7	7	7	7	7			
Water Injection	13	13	13	13	14	14	14	14			
Shut In											
Producers	0	0	1	1	0	0	0	0			
Injectors	0	0	0	0	0	0	0	0			
Total (Excluding Water											
Supply)	21	21	21	21	21	21	21	21			
Water Supply	2	2	2	2	2	2	2	2			

Unitized: May 1, 1963

Water Injection Began: May 24, 1963

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	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>PRODUCTION, BARRELS</u>												
nthly Production	11,513	9,870	9,567	10,095	9,220							
ily Average Production	371	352	309	336	297							
nthly Allowable	27,404	24,752	27,404	26,520	27,404							
ily Average Allowable	884	884	884	884	884							
ulative Production												
Since Discovery	1,034,408	1,044,278	1,053,845	1,063,940	1,073,160							
Since Unitization	571,964	581,834	591,401	601,496	610,716							
nthly Pipeline Runs	12,327	9,638	9,796	10,178	9,172							
<u>PRODUCTION, BARRELS</u>												
nthly Production	72,044	69,237	75,104	71,904	72,974							
ily Average Production	2,324	2,473	2,423	2,397	2,354							
ulative Production Since												
Unitization	1,143,239	1,212,476	1,287,580	1,359,484	1,432,458							
erage Unit Cut	86%	87%	89%	88%	89%							
<u>PRODUCTION, MCF</u>												
nthly Production	53	52	27	23	0							
s Sales	53	52	27	23	0							
nted	0	0	0	0	0							
<u>INJECTION, BARRELS</u>												
nthly Injection	100,134	97,981	104,274	80,635	81,066							
ily Avg. Injection	3,230	3,499	3,364	2,688	2,615							
ulative Injection	3,919,223	4,017,204	4,121,478	4,202,113	4,283,179							
ily Avg. Injection Per												
well	248	269	259	207	187							
<u>STATUS</u>												
mping	8	8	7	7	7							
ter Injection	13	13	13	13	14							
ut In												
Producers	0	0	1	1	0							
Injectors	0	0	0	0	0							
tal (Excluding Water												
Supply)	21	21	21	21	21							
ter Supply	2	2	2	2	2							

Unitized: May 1, 1963  
Water Injection Began: May 24, 1963

MAIN OFFICE  
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HUME QUEEN UNIT  
Lea County, New Mexico  
STATISTICAL SUMMARY  
1967

Union Oil Company of California  
Unit Operator  
210 East Avenue "G"  
Lovington, New Mexico

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>PRODUCTION, BARRELS</u>												
Monthly Production	11,513											
Daily Average Production	371											
Monthly Allowable	27,404											
Daily Average Allowable	884											
Cumulative Production	1,034,438											
Since Discovery	571,964											
Since Unitization	12,327											
Monthly Pipeline Runs												
<u>PER PRODUCTION, BARRELS</u>												
Monthly Production	72,044											
Daily Average Production	2,324											
Cumulative Production Since	1,143,239											
Unitization	36%											
Average Unit Out												
<u>PRODUCTION, MOF</u>												
Monthly Production	53											
Gas Sales	53											
Entered	0											
<u>PER INJECTION, BARRELS</u>												
Monthly Injection	100,134											
Daily Avg. Injection	3,230											
Cumulative Injection	3,919,223											
Daily Avg. Injection Per	7,703											
Well												
<u>STATUS</u>												
Sampling	3											
Water Injection	13											
Shut In	0											
Producers	0											
Injectors	0											
Total (Excluding Water	21											
Supply)	2											
Water Supply												

Unitized: May 1, 1963

Water Injection Began: May 24, 1963

HUME QUEEN UNIT  
STATISTICAL SUMMARY  
DECEMBER, 1966

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I. <u>Oil Production</u>	<u>December</u>	<u>November</u>
Monthly Production	10,504	10,244
Daily Average Production	339	341
Monthly Allowable	27,404	26,460
Daily Average Allowable	882	882
Cumulative Production Since Unitization	560,451	549,947
II. <u>Water Production</u>		
Monthly Production	58,192	47,497
Daily Average Production	1,877	1,532
Cumulative Production Since Unitization	1,071,195	1,060,500
Average Unit Cut	85	82
III. <u>Gas Production</u>		
Monthly Production	47	248
Sold To Phillips	47	248
Vented	0	0
IV. <u>Water Injection</u>		
Monthly Volume Injected	82,155	93,567
Daily Average Injected Volume	2,650	3,119
Cumulative Volume Injected	3,819,089	3,736,934
No. of Injection Wells	13	13
Daily Average Injection Volume Per Well	204	240
V. <u>Well Status</u>		
Pumping	8	8
Shut In	0	0
Water Injection	13	13
Total (Excluding Water Supply And Abandoned)	21	21
Water Supply	2	2



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HUME QUEEN UNIT  
REPORT OF OPERATIONS  
SEPTEMBER, 1966

UNION OIL COMPANY OF CALIFORNIA  
UNIT OPERATOR

HUME QUEEN UNIT  
STATISTICAL SUMMARY  
SEPTEMBER, 1966

I. <u>Oil Production</u>	<u>August</u>	<u>September</u>
Monthly Production	11,010	12,738
Daily Average Production	355	424
Monthly Allowable	27,342	20,286
Daily Average Allowable	882	676
Cumulative Production Since Unitization	515,346	528,084
II. <u>Water Production</u>		
Monthly Production	33,325	65,136
Daily Average Production	1,075	2,171
Cumulative Production Since Unitization	881,868	947,004
Average Unit Cut	75	84
III. <u>Gas Production</u>		
Monthly Production	200	314
Sold To Phillips	200	314
Vented	0	0
IV. <u>Water Injection</u>		
Monthly Volume Injected	108,641	67,520
Daily Average Injected Volume	3,505	2,250
Cumulative Volume Injected	3,485,131	3,548,174
No. of Injection Wells	13	13
Daily Average Injection Volume Per Well	270	173
V. <u>Well Status</u>		
Pumping	8	8
Shut In	0	0
Water Injection	13	13
Total (Excluding Water Supply And Abandoned)	21	21
Water Supply	2	2

MAIL OFFICE

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HUNE QUEEN UNIT  
REPORT OF OPERATIONS  
AUGUST, 1966

UNION OIL COMPANY OF CALIFORNIA  
UNIT OPERATOR

HUME QUEEN UNIT  
STATISTICAL SUMMARY  
AUGUST, 1966

I. <u>Oil Production</u>	<u>July</u>	<u>August</u>
Monthly Production	11,478	11,010
Daily Average Production	370	355
Monthly Allowable	27,342	27,342
Daily Average Allowable	882	882
Cumulative Production Since Unitization	504,336	515,346
II. <u>Water Production</u>		
Monthly Production	47,642	33,325
Daily Average Production	1,537	1,075
Cumulative Production Since Unitization	848,543	881,868
Average Unit Cut	80	75
III. <u>Gas Production</u>		
Monthly Production	732	200
Sold To Phillips	732	200
Vented	0	0
IV. <u>Water Injection</u>		
Monthly Volume Injected	74,697	108,641
Daily Average Injected Volume	2,409	3,505
Cumulative Volume Injected	3,376,490	3,485,131
No. of Injection Wells	13	13
Daily Average Injection Volume Per Well	185	270
V. <u>Well Status</u>		
Pumping	8	8
Shut In	0	0
Water Injection	13	13
Total (Excluding Water Supply And Abandoned)	21	21
Water Supply	2	2