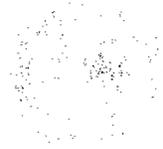


#4133



*State of New Mexico*  
*Commissioner of Public Lands*

310 OLD SANTA FE TRAIL  
P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

PATRICK H. LYONS  
COMMISSIONER

COMMISSIONER'S OFFICE  
Phone (505) 827-5760  
Fax (505) 827-5766  
www.nmstatelands.org

January 10, 2003

Chevron USA  
15 Smith Road  
Midland, Texas 79702

Attn: Mr. Mike Mullins

Re: Resignation/Designation of Successor Unit Operator  
West Dollarhide Drinkard Unit  
Lea County, New Mexico

Dear Mr. Mullins:

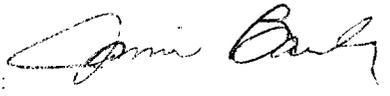
We are in receipt of your resignation/designation of successor unit operator, wherein Texaco Producing Inc. has resigned as unit operator of the West Dollarhide Drinkard Unit and designated Chevron USA as the successor unit operator.

The Commissioner of Public Lands has this date approved the resignation of Texaco Producing Inc. and the designation of Chevron USA as the successor unit operator of this unit. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

This change in operators is effective September 25, 2002. In accordance with this approval, Chevron USA is now responsible for all operations and the reporting of all production from the unit.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

PATRICK H. LYONS  
COMMISSIONER OF PUBLIC LANDS

BY: 

JAMI BAILEY, Director  
Oil/Gas and Minerals Division  
(505) 827-5744

PL/JB/cpm      xc: Reader File      Texaco Producing Inc.      OCD- -Roy Johnson      TRD      BLM



Texaco North America Production  
Permian Business Unit

500 North Lorraine  
Midland, TX 79701

P.O. Box 3119  
Midland, TX 79702

4133  
OIL FIELD DIV  
AUG 21 PM 1:11

August 21, 2001

District Supervisor  
Bureau of Land Management  
Roswell District Office  
2909 West 2<sup>nd</sup> Street  
Roswell, New Mexico 88201

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

All Working Interest Owners

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits for your approval, a report of past operations and a plan of development for 2001. Attached are a map, a production plot, and a well status report for the Unit.

### **PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells. Infill drilling of vertical wells took place through 1996.

Late in 1997, we initiated a program to re-enter existing well bores and drill horizontal laterals from these well bores. Activity continued in 1998 with the drilling of horizontal laterals in three additional wells.

Bureau of Land Management  
Commissioner of Public Lands  
New Mexico Oil Conservation Division  
& Working Interest Owners  
August 21, 2001  
Page 2 of 2

There is an ongoing workover program to restimulate existing wells. Attention was focused on reducing operating expenses and maintaining lease profitability.

Cumulative production since the formation of the unit is 10,600 MBO, 7,074 MMCFG, and 24,130 MBW through December 31, 2000. The cumulative injection is 138,544 MBW. The Unit in December 2000 produced 1137 BOPD, 906 MCFGPD and 6,124 BWPD, and injection was 7,310 BWPD.

#### **DEVELOPMENT PLANS FOR 2001**

Maintaining lease profitability has been aided by higher crude and natural gas prices. We continue to monitor the performance of the horizontal wells completed to date, and will make additional recommendations as appropriate. To date in 2001, horizontal laterals have been drilled in three additional wells. Well workovers will continue as candidates for the opening of additional pay or restimulation are identified.

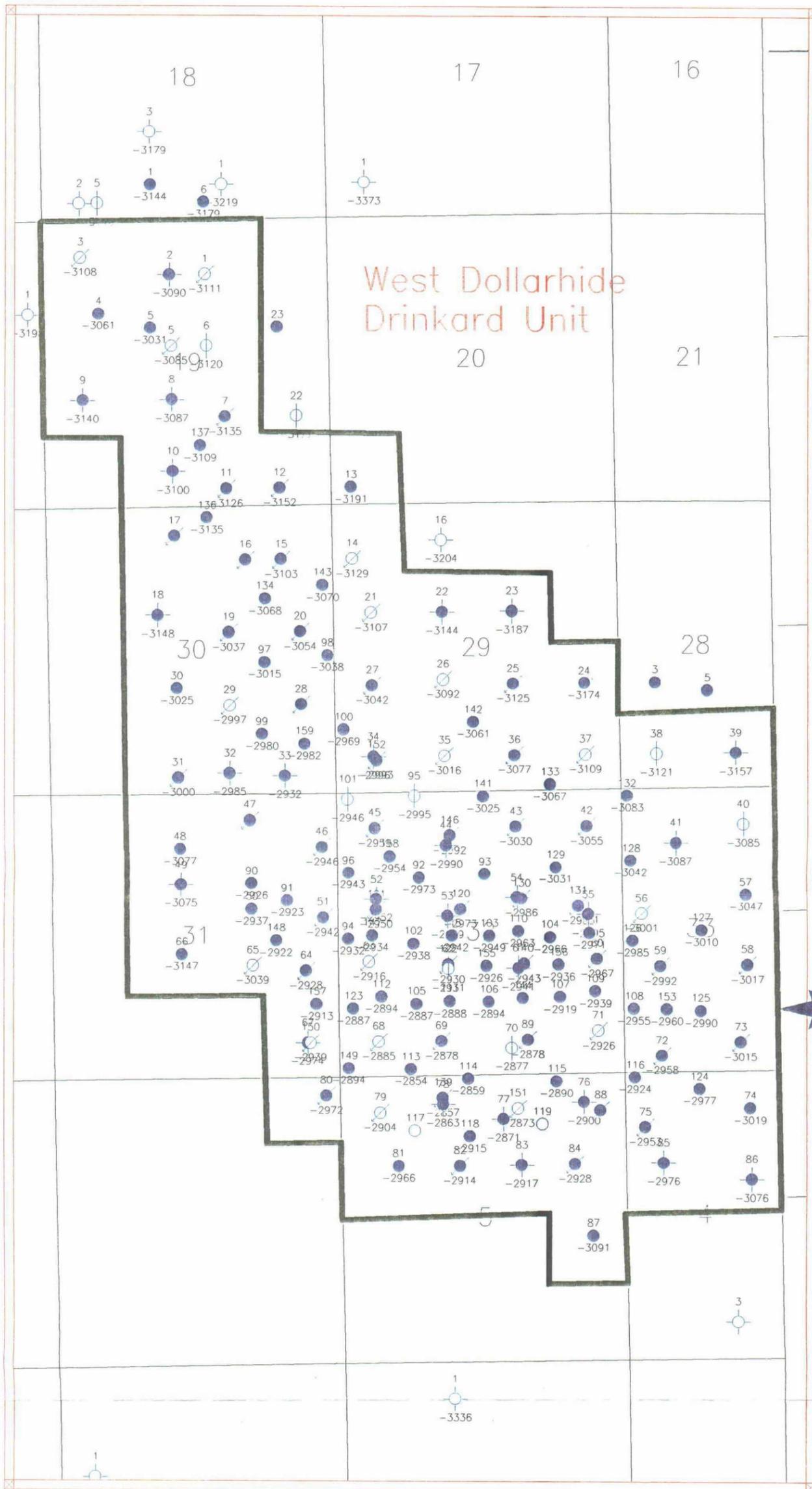
Yours very truly,



Charles E. Sadler  
Asset Manager

CRW/naz

Attachments



West Dollarhide  
Drinkard Unit

Scale 1:26277.19

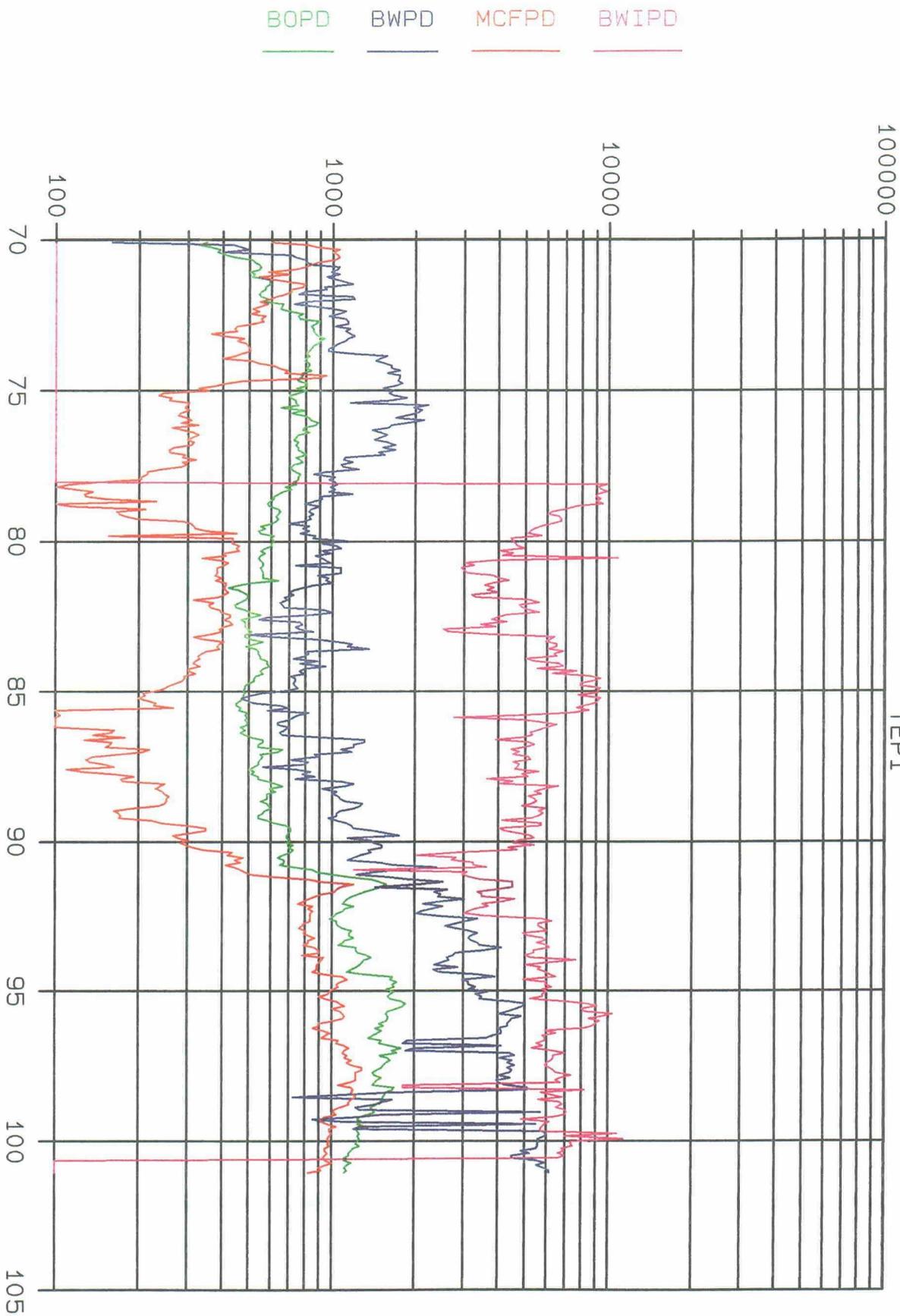


LEGEND	
●	Oil Producer
●	Water Injector
⊘	Shut-in Producer
⊘	Shut-in Water Injector
⊕	Plugged and Abandoned
⊕	Drilled and Abandoned

TEXACO E & P, INC		
WEST DOLLARHIDE DRINKARD UNIT BASEMAP		
03	Scale 1:26277.19	1/20/97

WEST DOLLARHIDE DRINKARD UNIT

TEPI



WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

WELL STATUS  
DECEMBER, 2000

WELL NO.	STATUS										
1	Shut-in	Injector	48	Shut-in	Producer	97	Active	Producer	130	Active	Injector
3	Shut-in	Injector	50	Shut-in	Producer	98	Active	Producer	131	Active	Injector
4	Active	Producer	51	Active	Injector	99	Active	Producer	132	Shut-in	Producer
5	Shut-in	Injector	56	Active	Injector	100	Active	Producer	133	Active	Producer
6	Shut-in	Producer	57	Active	Producer	101	Shut-in	Producer	134	Active	Producer
7	Shut-in	Injector	58	Active	Injector	102	Active	Producer	136	Active	Producer
11	Active	Injector	59	Shut-in	Injector	103	Active	Producer	137	Active	Producer
12	Active	Injector	60	Active	Injector	104	Active	Producer	139	Active	Injector
13	Shut-in	Producer	64	Active	Injector	105	Active	Producer	140	Active	Injector
14	Shut-in	Injector	66	Shut-in	Producer	106	Active	Producer	141	Active	Producer
15	Active	Injector	68	Shut-in	Injector	107	Active	Producer	142	Active	Producer
16	Active	Injector	69	Active	Injector	108	Active	Producer	143	Active	Producer
17	Shut-in	Injector	71	Active	Injector	109	Active	Producer	144	Active	Producer
19	Active	Injector	72	Shut-in	Injector	110	Active	Producer	145	Active	Producer
21	Shut-in	Injector	73	Active	Injector	111	Active	Producer	146	Active	Injector
24	Shut-in	Producer	74	Active	Producer	112	Active	Producer	147	Active	Producer
25	Active	Injector	75	Active	Injector	113	Active	Producer	148	Active	Producer
26	Shut-in	Injector	80	Shut-in	Injector	114	Active	Producer	149	Active	Producer
27	Active	Injector	81	Active	Producer	115	Active	Producer	150	Active	Injector
28	Shut-in	Injector	82	Active	Injector	116	Active	Producer	151	Active	Injector
30	Active	Producer	84	Active	Injector	118	Active	Producer	152	Active	Injector
31	Shut-in	Injector	87	Active	Producer	120	Active	Injector	153	Active	Producer
35	Active	Injector	88	Shut-in	Injector	121	Active	Injector	154	Active	Producer
36	Shut-in	Injector	89	Active	Injector	122	Active	Injector	155	Active	Producer
37	Active	Injector	90	Active	Producer	123	Active	Producer	156	Active	Producer
42	Active	Injector	91	Active	Producer	124	Active	Producer	157	Shut-in	Producer
43	Active	Injector	92	Active	Producer	125	Active	Producer	158	Active	Producer
45	Shut-in	Injector	93	Active	Producer	126	Active	Producer	159	Shut-in	Producer
46	Shut-in	Injector	94	Active	Producer	127	Active	Producer			
47	Shut-in	Injector	96	Active	Producer	128	Active	Producer			
						129	Active	Producer			



**New Mexico Oil Conservation Division, District I**  
**1625 N. French Drive**  
**Hobbs, NM 88240**

Texaco North America Production  
Permian Business Unit

500 North Loraine  
Midland TX 79701

P.O. Box 3103  
Midland TX 79702

August 21, 2001

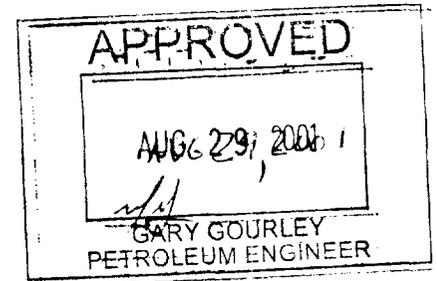
District Supervisor  
Bureau of Land Management  
Roswell District Office  
2909 West 2<sup>nd</sup> Street  
Roswell, New Mexico 88201

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

All Working Interest Owners

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico



Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits for your approval, a report of past operations and a plan of development for 2001. Attached are a map, a production plot, and a well status report for the Unit.

### **PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells. Infill drilling of vertical wells took place through 1996.

Late in 1997, we initiated a program to re-enter existing well bores and drill horizontal laterals from these well bores. Activity continued in 1998 with the drilling of horizontal laterals in three additional wells.

Bureau of Land Management  
Commissioner of Public Lands  
New Mexico Oil Conservation Division  
& Working Interest Owners  
August 21, 2001  
Page 2 of 2

There is an ongoing workover program to restimulate existing wells. Attention was focused on reducing operating expenses and maintaining lease profitability.

Cc  
P  
S  
Cumulative production since the formation of the unit is 10,600 MBO, 7,074 MMCFG, and 24,130 MBW through December 31, 2000. The cumulative injection is 138,544 MBW. The Unit in December 2000 produced 1137 BOPD, 906 MCFGPD and 6,124 BWPD, and injection was 7,310 BWPD.

#### DEVELOPMENT PLANS FOR 2001

Maintaining lease profitability has been aided by higher crude and natural gas prices. We continue to monitor the performance of the horizontal wells completed to date, and will make additional recommendations as appropriate. To date in 2001, horizontal laterals have been drilled in three additional wells. Well workovers will continue as candidates for the opening of additional pay or restimulation are identified.

Yours very truly,



Charles E. Sadler  
Asset Manager

CRW/naz

Attachments

WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

WELL STATUS  
DECEMBER, 2000

WELL NO.	STATUS	WELL NO.	STATUS						
1	Shut-in	48	Shut-in	97	Active	130	Producer	130	Active
3	Shut-in	50	Shut-in	98	Active	131	Producer	131	Active
4	Active	51	Active	99	Active	132	Producer	132	Shut-in
5	Shut-in	56	Active	100	Active	133	Producer	133	Active
6	Shut-in	57	Active	101	Shut-in	134	Producer	134	Active
7	Shut-in	58	Active	102	Active	136	Producer	136	Active
11	Active	59	Shut-in	103	Active	137	Producer	137	Active
12	Active	60	Active	104	Active	139	Producer	139	Active
13	Shut-in	64	Active	105	Active	140	Producer	140	Active
14	Shut-in	66	Shut-in	106	Active	141	Producer	141	Active
15	Active	68	Shut-in	107	Active	142	Producer	142	Active
16	Active	69	Active	108	Active	143	Producer	143	Active
17	Shut-in	71	Active	109	Active	144	Producer	144	Active
19	Active	72	Shut-in	110	Active	145	Producer	145	Active
21	Shut-in	73	Active	111	Active	146	Producer	146	Active
24	Shut-in	74	Active	112	Active	147	Producer	147	Active
25	Active	75	Active	113	Active	148	Producer	148	Active
26	Shut-in	80	Shut-in	114	Active	149	Producer	149	Active
27	Active	81	Active	115	Active	150	Producer	150	Active
28	Shut-in	82	Active	116	Active	151	Producer	151	Active
30	Active	84	Active	118	Active	152	Producer	152	Active
31	Shut-in	87	Active	120	Active	153	Injector	153	Active
35	Active	88	Shut-in	121	Active	154	Injector	154	Active
36	Shut-in	89	Active	122	Active	155	Injector	155	Active
37	Active	90	Active	123	Active	156	Producer	156	Active
42	Active	91	Active	124	Active	157	Producer	157	Active
43	Active	92	Active	125	Active	158	Producer	158	Shut-in
45	Shut-in	93	Active	126	Active	159	Producer	159	Active
46	Shut-in	94	Active	127	Active		Producer		Shut-in
47	Shut-in	96	Active	128	Active		Producer		Active
				129	Active		Producer		Active



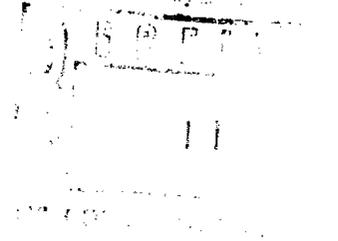
Texaco North America Production  
Permian Business Unit

500 North Lorraine  
Midland TX 79701

P.O. Box 3119  
Midland TX 79701

April 3, 2000

District Supervisor  
Bureau of Land Management  
Roswell District Office  
2909 West 2<sup>nd</sup> Street  
Roswell, New Mexico 88201



Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

✓ New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

All Working Interest Owners  
(Address List Attached)

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits for your approval, a report of past operations and a plan of development for 2000. Attached are a map, a production plot, and a well status report for the Unit.

### **PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPB into 35 wells. Infill drilling of vertical wells took place through 1996.

Late in 1997, we initiated a program to re-enter existing well bores and drill horizontal laterals from these well bores. Activity continued in 1998 with the drilling of horizontal laterals in three additional wells. Continued during 1999 was an ongoing workover program to restimulate existing wells, although all activities were curtailed during the year due to the depressed oil price.

Bureau of Land Management  
Commissioner of Public Lands  
New Mexico Oil Conservation Division  
& Working Interest Owners  
April 3, 2000  
Page 2 of 2

Several wells had workovers to open additional pay identified by a geological study. Attention was focused on reducing operating expenses and maintaining lease profitability.

Cumulative production since the formation of the unit is 10,176 MBO, 6,729 MMCFG, and 22,171 MBW through December 31, 1999. The cumulative injection is 135,994 MBW. The Unit in December 1999 yielded 1237 BOPD, 984 MCFGPD and 5610 BWPD, and injection was 7,331 BWPD.

### **DEVELOPMENT PLANS FOR 2000**

We continue to monitor the performance of the four horizontal wells completed to date, and will make additional recommendations as appropriate. Well workovers will continue as candidates for the opening of additional pay or restimulation are identified.

As always, maintaining lease profitability in the face of varying oil price remains a focus.

Yours very truly,

A handwritten signature in cursive script that reads "C. E. Sadler" followed by the initials "MAC".

Charles E. Sadler  
Asset Manager

CRW/naz

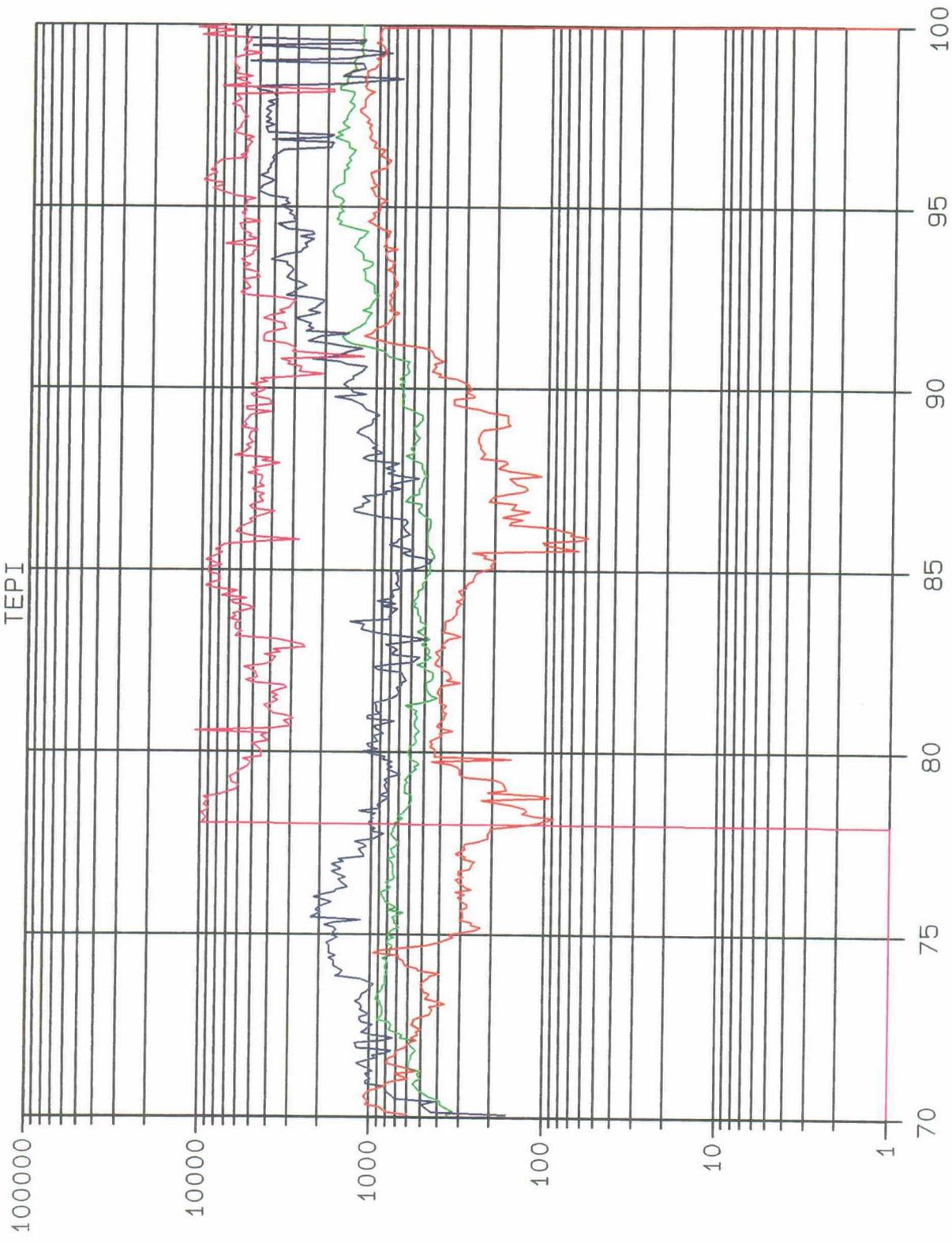
Attachments

WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

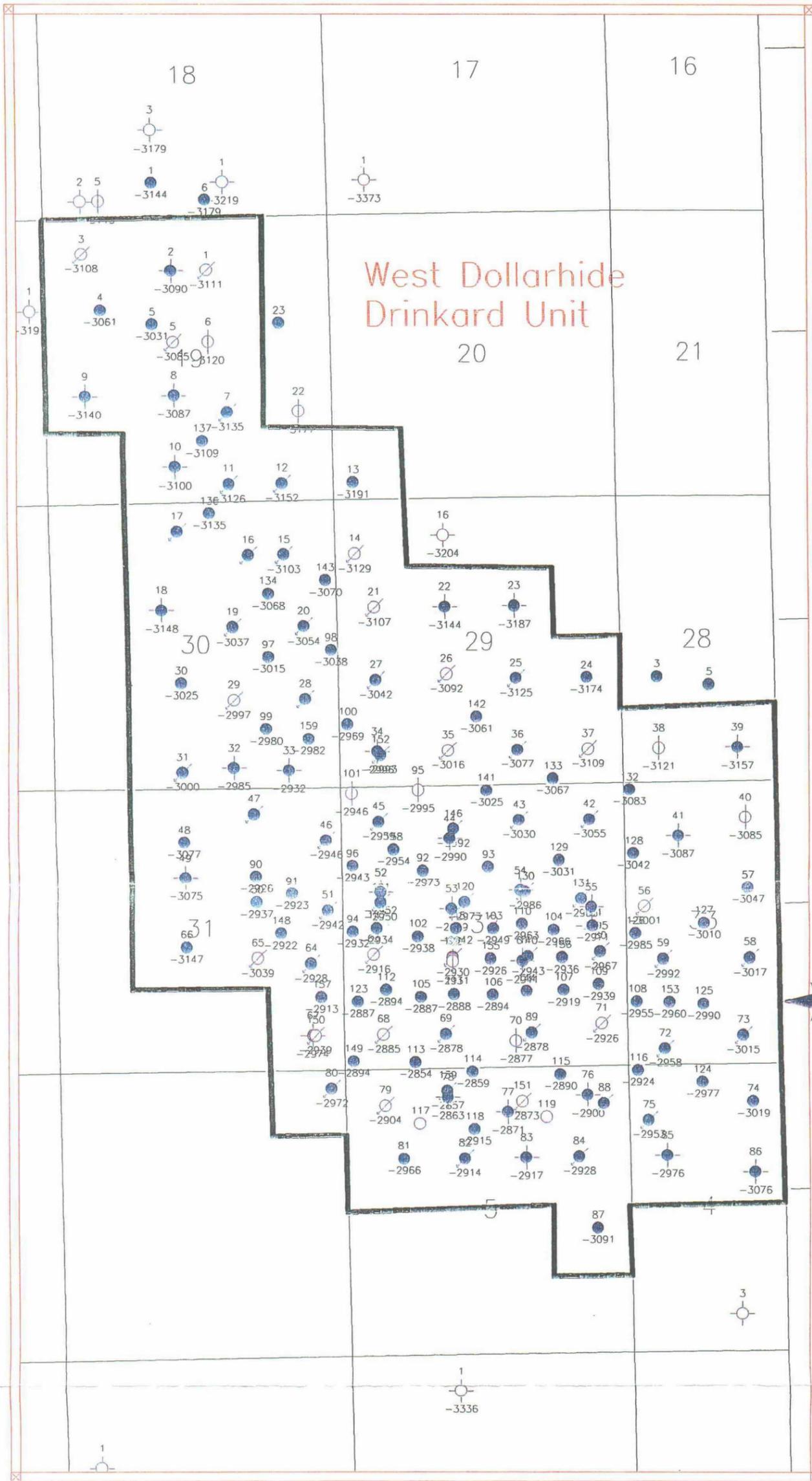
WELL STATUS  
DECEMBER, 1999

WELL NO.	STATUS								
1	Active	48	Shut-in	97	Active	130	Active	130	Injector
3	Active	50	Shut-in	98	Active	131	Active	131	Injector
4	Active	51	Active	99	Active	132	Shut-in	132	Producer
5	Shut-in	56	Active	100	Active	133	Active	133	Producer
6	Shut-in	57	Active	101	Shut-in	134	Active	134	Producer
7	Shut-in	58	Active	102	Active	136	Active	136	Producer
11	Active	59	Shut-in	103	Active	137	Active	137	Producer
12	Active	60	Active	104	Active	139	Active	139	Injector
13	Shut-in	64	Active	105	Active	140	Active	140	Injector
14	Active	66	Shut-in	106	Active	141	Active	141	Producer
15	Active	67	Shut-in	107	Active	142	Active	142	Producer
16	Active	68	Active	108	Active	143	Active	143	Producer
17	Shut-in	69	Active	109	Active	144	Active	144	Producer
19	Active	71	Active	110	Active	145	Active	145	Producer
20	Shut-in	72	Shut-in	111	Active	146	Active	146	Injector
21	Shut-in	73	Active	112	Active	147	Active	147	Producer
24	Shut-in	74	Active	113	Active	148	Active	148	Producer
25	Active	75	Active	114	Active	149	Active	149	Producer
26	Shut-in	80	Active	115	Active	150	Active	150	Injector
27	Active	81	Active	116	Active	151	Active	151	Injector
28	Shut-in	82	Active	118	Active	152	Active	152	Injector
30	Active	84	Active	120	Active	153	Active	153	Producer
31	Shut-in	87	Active	121	Active	154	Active	154	Producer
35	Active	88	Active	122	Active	155	Active	155	Producer
36	Shut-in	89	Active	123	Active	156	Active	156	Producer
37	Active	90	Active	124	Active	157	Active	157	Producer
42	Active	91	Active	125	Active	158	Active	158	Producer
43	Active	92	Active	126	Active	159	Active	159	Producer
45	Shut-in	93	Active	127	Active				
46	Active	94	Active	128	Active				
47	Shut-in	96	Active	129	Active				

WEST DOLLARHIDE DRINKARD UNIT



BOPD  
MCFFD  
BMPD  
BWIPD



Scale 1:26277.19



LEGEND	
●	Oil Producer
●	Water Injector
⊖	Shut-in Producer
⊖	Shut-in Water Injector
⊘	Plugged and Abandoned
⊘	Drilled and Abandoned

TEXACO E & P, INC		
WEST DOLLARHIDE DRINKARD UNIT BASEMAP		
ms		3/15/77
	Scale 1:26277.19	



Ok'd 3/30/99

Texaco North America Production  
Permian Business Unit

100 North Loraine  
Midland TX 79701

P.O. Box 1148  
Midland TX 79701

January 28, 1999

District Supervisor  
Bureau of Land Management  
Roswell District Office  
2909 West 2<sup>nd</sup> Street  
Roswell, New Mexico 88201

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division ←  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

All Working Interest Owners  
(Address List Attached)

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits for your approval, a report of past operations and a plan of development for 1999. Attached are a map, a production plot, and a well status report for the Unit.

### **PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells. Infill drilling of vertical wells took place through 1996.

Late in 1997, we initiated a program to re-enter existing well bores and drill horizontal laterals from these well bores. Activity continued in 1998 with the drilling of horizontal laterals in three additional wells. Also continued during 1998 was the ongoing workover program to restimulate

Bureau of Land Management  
Commissioner of Public Lands  
New Mexico Oil Conservation Division  
& Working Interest Owners  
January 28, 1999  
Page 2 of 2

existing wells, although all activities were curtailed due to the depressed oil price. Attention was focused on reducing operating expenses and maintaining lease profitability.

Cumulative production since the formation of the unit is 9,713 MBO, 6,373 MMCFG, and 20,900 MBW through December 31, 1998. The cumulative injection is 133,446 MBW. The Unit in December 1998 yielded 1426 BOPD, 1100(Est.) MCFGPD and 5668 BWPD, and injection was 7,067 BWPD.

**DEVELOPMENT PLANS FOR 1999**

Based on encouraging results we have seen from horizontal well re-entries at WDDU and in various other fields in Lea County, we are continuing to identify further horizontal candidates at WDDU. However, the actual level of activity continues to be dependent on maintaining lease profitability in the face of low oil prices.

Yours very truly,



Charles E. Sadler  
Asset Manager

CRW/naz

Attachments

N. L. Baroid  
Attn: Harry E. Wallace  
P. O. Box 1675  
Houston, TX 77251

Ms. Rubie C. Bell  
1331 Third Street  
New Orleans, LA 70130

Mr. Fred J. Brotherton  
735 Island Drive  
Palm Beach, FL 33480-4742

Chevron U.S.A. Inc.  
Attn: NOJV Manager  
P. O. Box 1635  
Houston, TX 77251

Devon Energy Corp.  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102

Matador Petroleum Corporation  
Suite 158, Pecan Creek  
8340 Meadow Road  
Dallas, TX 75231-3751

Elton M. Hyder, Jr. Estate  
1204 W. 7<sup>th</sup> Street #B  
Fort Worth, TX 76102-3517

Mr. W. E. Irvin  
c/o Martin Siegmund  
One Tandy Center, Suite 601  
Fort Worth, TX 76102

Nations Bank of Texas  
Trustee for Gus Layton, Acct. 2235  
P. O. Box 2546  
Fort Worth, TX 76113

John E. Layton  
P. O. Box 691127-223  
Houston, TX 77269-1127

Maralo, Inc.  
P. O. Box 832  
Midland, TX 79702

NationsBank of Texas, N.A., Trustee  
of the Marilyn Maxwell Chandler  
Trust UTA dated 1-31-75  
P. O. Box 830308  
Dallas, TX 75283-0308

James H. Snowden, III  
2200 Taxco Road, Apt. 1201  
Fort Worth, TX 76116-2004

Francis Gardner Parker  
3601 Piping Rock  
Houston, TX 77027

Janet Adair Snowden  
223 N. Guadalupe Street #120  
Santa Fe, NM 87501-1850

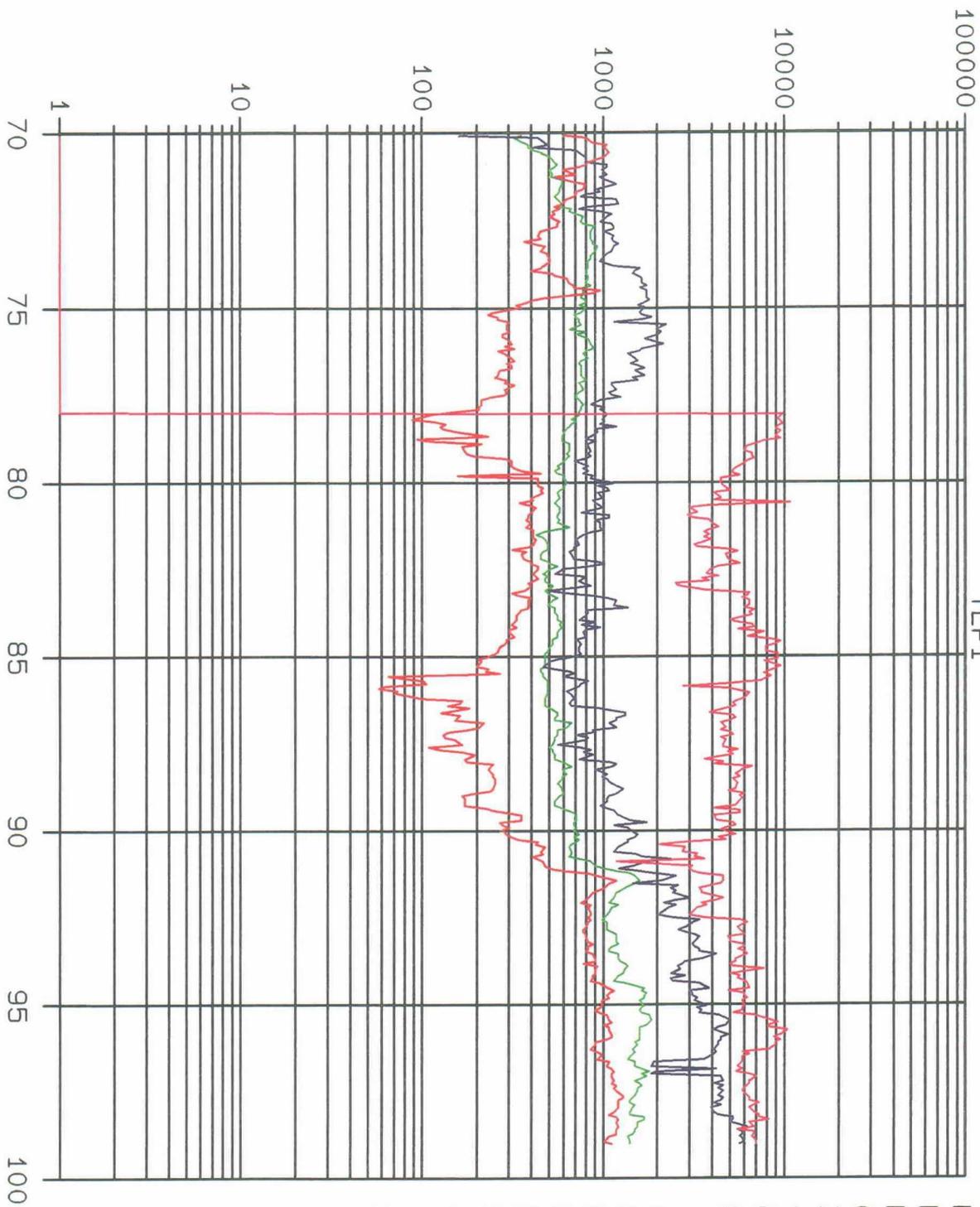
WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

WELL STATUS  
DECEMBER, 1998

WELL NO.	STATUS								
1	Shut-in								
3	Shut-in	48	Shut-in	97	Active	130	Active		Injector
4	Active	50	Shut-in	98	Active	131	Active		Injector
5	Shut-in	51	Active	99	Active	132	Shut-in		Producer
6	Shut-in	56	Active	100	Active	133	Active		Producer
7	Shut-in	57	Active	101	Shut-in	134	Active		Producer
11	Active	58	Active	102	Active	136	Active		Producer
12	Active	59	Shut-in	103	Active	137	Active		Producer
13	Shut-in	60	Active	104	Active	139	Active		Injector
14	Shut-in	64	Active	105	Active	140	Active		Injector
15	Active	66	Shut-in	106	Active	141	Active		Producer
16	Active	67	Shut-in	107	Active	142	Active		Producer
17	Shut-in	68	Shut-in	108	Active	143	Active		Producer
19	Active	69	Active	109	Active	144	Active		Producer
20	Shut-in	71	Active	110	Active	145	Active		Producer
21	Shut-in	72	Shut-in	111	Active	146	Shut-in		Injector
24	Shut-in	73	Active	112	Active	147	Active		Producer
25	Active	74	Active	113	Active	148	Active		Producer
26	Shut-in	75	Active	114	Active	149	Active		Producer
27	Active	80	Shut-in	115	Active	150	Shut-in		Injector
28	Shut-in	81	Active	116	Active	151	Active		Injector
30	Active	82	Active	118	Active	152	Active		Injector
31	Shut-in	84	Active	120	Active	153	Active		Producer
35	Active	87	Active	121	Active	154	Active		Producer
36	Shut-in	88	Shut-in	122	Active	155	Active		Producer
37	Active	89	Active	123	Active	156	Active		Producer
42	Active	90	Active	124	Active	157	Active		Producer
43	Active	91	Active	125	Active	158	Active		Producer
45	Shut-in	92	Active	126	Active	159	Active		Producer
46	Shut-in	93	Active	127	Active				
47	Shut-in	94	Active	128	Active				
		96	Active	129	Active				

WEST DOLLARHIDE DRINKARD UNIT

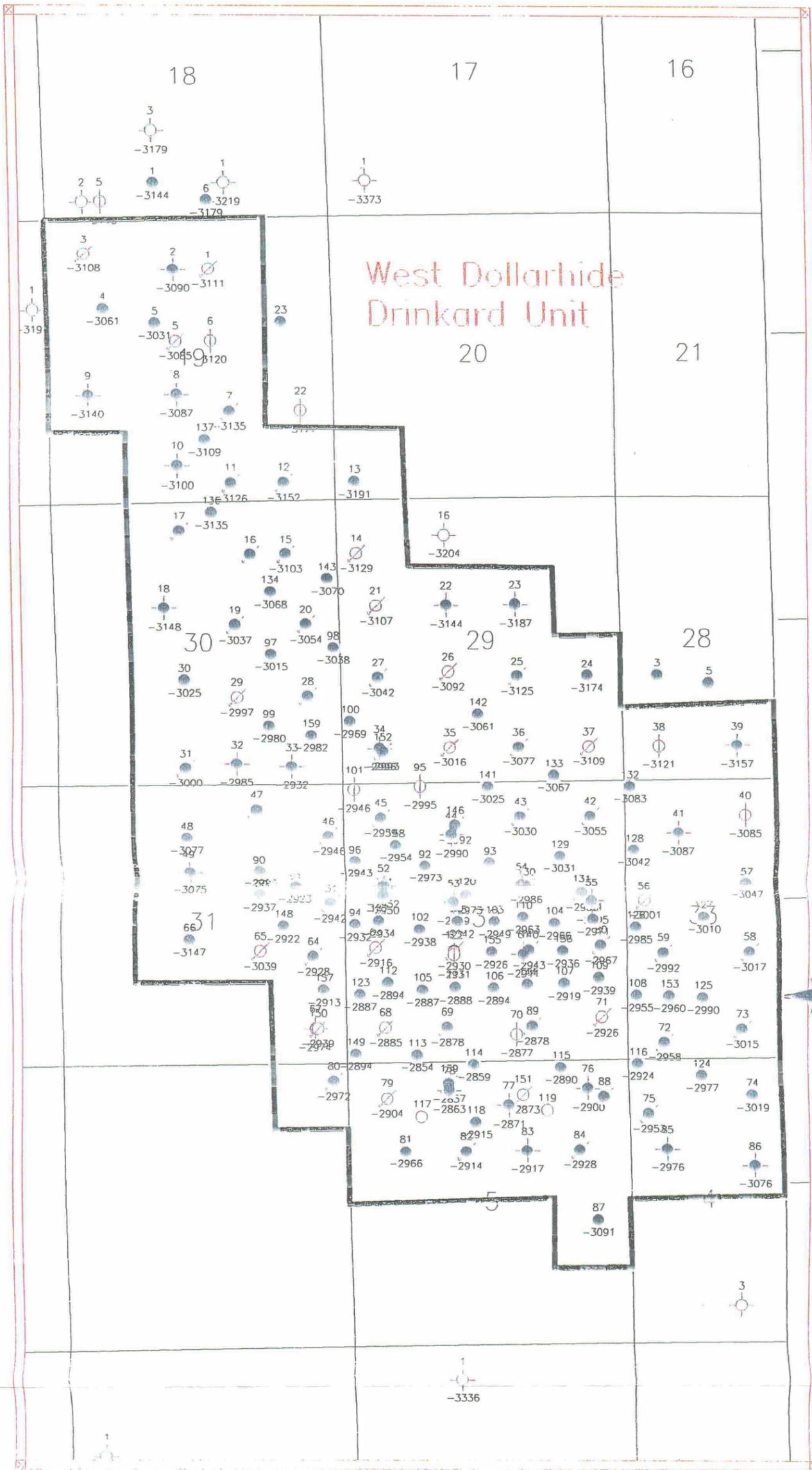
TEPI



YEARS

LEASE DATA

LSE  
 FLD  
 OPER TEPI  
 ZONE  
 --  
 COUNTY  
 STATE  
 STATUS 12-98  
 CO 8879 MBO  
 CG 5640 MMCF  
 CW 18467 MBW  
 BOPD 1426  
 BWP 5668  
 MCFPD 1100  
 WELLS 1  
 CI 43494 MBWI  
 BWIPD 7067



# West Dollarhide Drinkard Unit

Scale 1:26277.19



LEGEND	
●	Oil Producer
◐	Water Injector
◑	Shut-in Producer
◒	Shut-in Water Injector
⊕	Plugged and Abandoned
⊙	Drilled and Abandoned

TEXACO E & P, INC.	
WEST DOLLARHIDE DRINKARD UNIT BASEMAP	
03	12/78
Scale 1:26277.19	

#4133



**COMMERCIAL RESOURCES**  
(505)-827-5724

**SURFACE RESOURCES**  
(505)-827-5795

**MINERAL RESOURCES**  
(505)-827-5744

**ROYALTY**  
(505)-827-5772

**State of New Mexico  
Commissioner of Public Lands**

**Ray Powell, M.S., D.V.M.**  
310 Old Santa Fe Trail, P. O. Box 1148  
Santa Fe, New Mexico 87504-1148  
Phone (505)-827-5760, Fax (505)-827-5766

**PUBLIC AFFAIRS**  
(505)-827-5765

**ADMINISTRATIVE MGMT.**  
(505)-827-5700

**LEGAL**  
(505)-827-5713

**PLANNING**  
(505)-827-5752

September 9, 1998

Texaco Exploration & Production Inc.  
P.O. Box 3109  
Midland, Texas 79702

Attn: Mr. Charles E. Sadler

Re: 1998 Plan of Development  
West Dollarhide Drinkard Unit  
Lea County, New Mexico

Dear Mr. Sadler:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY: *Jami Bailey*  
JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

RP/JB/cpm  
pc: Reader File

OCD

BLM



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

4133  
OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

April 28, 1998

Charles E. Sadler  
Texaco Exploration & Production Inc.  
P. O. Box 3109  
Midland, TX 79702

RE: 1998 Plan of Development  
West Dollarhide Drinkard Unit Area  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

The New Mexico Oil Conservation Division is in receipt of your above referenced application which has been approved on this date. Our approval is subject to like approval by the New Mexico State Land Office and the Bureau of Land Management where applicable.

Should you have any questions pertaining to this matter, please contact me at (505) 827-8198.

Sincerely,

A handwritten signature in black ink, appearing to read "Roy E. Johnson".

Roy E. Johnson  
Senior Petroleum Geologist

REJ:kv

cc: NMSLO  
Bureau of Land Management - Roswell  
Unit File



Texaco North America Production  
Permian Business Unit

10 North Loop West  
Houston, TX 77001

P.O. Box 1148  
Santa Fe, NM 87504

April 13, 1998

District Supervisor  
Bureau of Land Management  
Roswell District Office  
1717 West 2nd Street  
Roswell, New Mexico 88201-2019

RECEIVED  
APR 16 1998

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

All Working Interest Owners  
(Address List Attached)

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits for your approval, a report of past operations and a plan of development for 1998. Attached are a map, a production plot, and a well status report for the Unit.

### **PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells.

Because of the marginal performance of the group of seven producing wells drilled during 1996, no additional vertical wells were drilling during 1997. We did initiate late in the year, however, a program to re-enter existing well bores and drill horizontal laterals from these well bores. Activity continues into 1998 on the first group of wells selected.

Bureau of Land Management  
Commissioner of Public Lands  
New Mexico Oil Conservation Division  
& Working Interest Owners  
April 13, 1998  
Page 2 of 2

Also continued during 1997 was the ongoing workover program to restimulate existing wells. Three wells received fracture stimulation and ten wells received acid stimulations. Four wells opened additional pay and received stimulation.

Cumulative production since the formation of the unit is 9,165 MBO, 5,958 MMCFG, and 18,943 MBW through December 31, 1997. The cumulative injection is 130,946 MBW. The Unit in December 1997 yielded 1468 BOPD, 1219 MCFGPD and 3960 BWPD, and injection was 6,480 BWPD.

#### **DEVELOPMENT PLANS FOR 1998**

Based on encouraging results we have seen from horizontal well re-entries at WDDU and in various other fields in Lea County, we are continuing to identify further horizontal candidates at WDDU. Texaco will also continue to perform equipment modifications and workovers where potential exists and where necessary to maintain efficient and commercial operations.

Yours very truly,



Charles E. Sadler  
Asset Manager

CRW/naz

Attachments

N. L. Baroid  
Attn: Harry E. Wallace  
P. O. Box 1675  
Houston, TX 77251

Ms. Rubie C. Bell  
1331 Third Street  
New Orleans, LA 70130

Mr. Fred J. Brotherton  
735 Island Drive  
Palm Beach, FL 33480-4742

Chevron U.S.A. Inc.  
Attn: NOJV Manager  
P. O. Box 1635  
Houston, TX 77251

Devon Energy Corp.  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102

Matador Petroleum Corporation  
Suite 158, Pecan Creek  
8340 Meadow Road  
Dallas, TX 75231-3751

Mr. Elton M. Hyder, Jr.  
Attorney at Law  
Commerce Bldg., Suite 1918  
Fort Worth, TX 76102

Mr. W. E. Irvin  
c/o Martin Siegmund  
One Tandy Center, Suite 601  
Fort Worth, TX 76102

Nations Bank of Texas  
Trustee for Gus Layton, Acct. 2235  
P. O. Box 2546  
Fort Worth, TX 76113

John E. Layton  
P. O. Box 691127-223  
Houston, TX 77269-1127

Maralo, Inc.  
P. O. Box 832  
Midland, TX 79702

NationsBank of Texas, N.A., Trustee  
of the Marilyn Maxwell Chandler  
Trust UTA dated 1-31-75  
P. O. Box 830308  
Dallas, TX 75283-0308

Chase Oil Corporation  
P. O. Box 1767  
Artesia, New Mexico 88211

Francis Gardner Parker  
3601 Piping Rock  
Houston, TX 77027

Janet Adair Snowden  
P. O. Box 1731  
Silver City, NM 88062

James H. Snowden, III  
2200 Taxco Road, Apt. 1201  
Fort Worth, TX 76116-2004

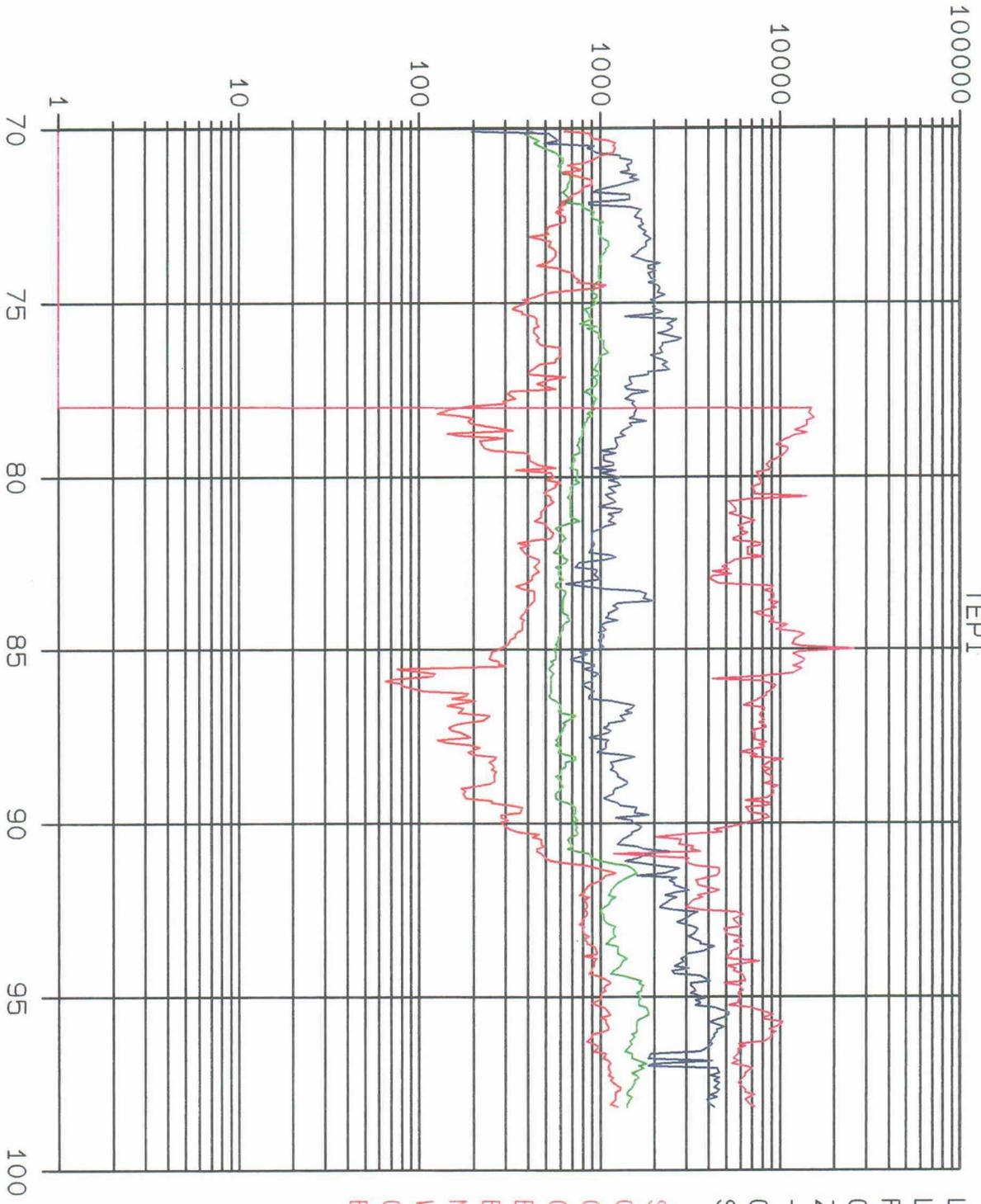
WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

WELL STATUS  
DECEMBER, 1997

WELL NO.	STATUS								
1	Shut-in								
3	Shut-in	48	Shut-in	97	Active	130	Active		Injector
4	Active	50	Shut-in	98	Active	131	Active		Injector
5	Shut-in	51	Active	99	Active	132	Shut-in		Producer
6	Shut-in	56	Active	100	Active	133	Active		Producer
7	Shut-in	57	Active	101	Shut-in	134	Active		Producer
11	Active	58	Active	102	Active	136	Active		Producer
12	Active	59	Shut-in	103	Active	137	Active		Producer
13	Shut-in	60	Active	104	Active	139	Active		Injector
14	Shut-in	64	Active	105	Active	140	Active		Injector
15	Active	66	Shut-in	106	Active	141	Active		Producer
16	Active	68	Shut-in	107	Active	142	Active		Producer
17	Shut-in	69	Active	108	Active	143	Active		Producer
19	Active	71	Active	109	Active	144	Active		Producer
20	Shut-in	72	Active	110	Active	145	Active		Producer
21	Shut-in	73	Active	111	Active	146	Shut-in		Injector
24	Shut-in	74	Active	112	Active	147	Active		Producer
25	Active	75	Active	113	Active	148	Active		Producer
26	Shut-in	80	Shut-in	114	Active	149	Active		Producer
27	Active	81	Active	115	Active	150	Shut-in		Injector
28	Shut-in	82	Active	116	Active	151	Shut-in		Injector
30	Active	84	Active	118	Active	152	Active		Injector
31	Shut-in	87	Active	120	Active	153	Active		Producer
35	Active	88	Shut-in	121	Active	154	Active		Producer
36	Active	89	Active	122	Active	155	Active		Producer
37	Active	90	Active	123	Active	156	Active		Producer
42	Active	91	Active	124	Active	157	Active		Producer
43	Active	92	Active	125	Active	158	Active		Producer
45	Shut-in	93	Active	126	Active	159	Active		Producer
46	Shut-in	94	Active	127	Active				
47	Shut-in	95	Shut-in	128	Active				
		96	Active	129	Active				

WEST DOLLARHIDE DRINKARD UNIT

TEPI

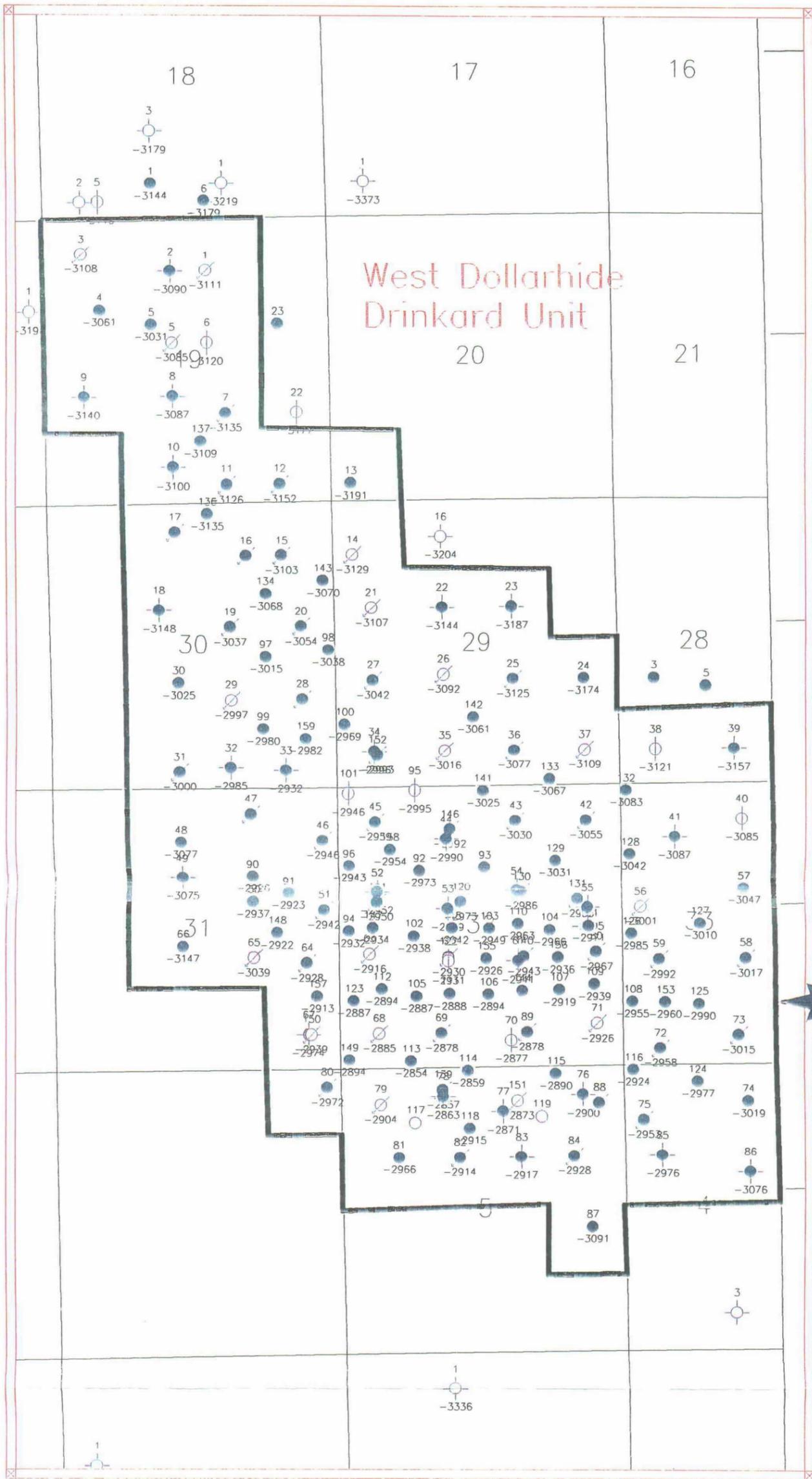


BOPD    BWPD    MCFPD    BWIPD

YEARS

LEASE DATA

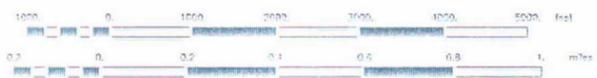
LSE  
 FLD  
 OPER TEPI  
 ZONE  
 COUNTY  
 STATE  
 STATUS 2-98  
 CO 11835 MBO  
 CG 10813 MMCF  
 CW 19472 MBW  
 BOPD 1401  
 BWPD 4282  
 MCFPD 1268  
 WELLS 1  
 CI 55136 MBWI  
 BWIPD 7115



West Dollarhide  
Drinkard Unit



Scale 1:26277.19



LEGEND	
●	Oil Producer
◐	Water Injector
⊕	Shut-in Producer
⊖	Shut-in Water Injector
⊗	Plugged and Abandoned
⊘	Drilled and Abandoned

TEXACO E & P, INC.		
WEST DOLLARHIDE DRINKARD UNIT BASEMAP		
05		10/79
Scale 1:26277.19		



Texaco North America Production  
Permian Business Unit

10 North Loop West  
Midland, TX 79701

Post Office  
Midland, TX 79701

April 13, 1998

RECEIVED  
APR 16 1998

District Supervisor  
Bureau of Land Management  
Roswell District Office  
1717 West 2nd Street  
Roswell, New Mexico 88201-2019

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
2040 S. Pacheco  
Santa Fe, New Mexico 87505

All Working Interest Owners  
(Address List Attached)

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits for your approval, a report of past operations and a plan of development for 1998. Attached are a map, a production plot, and a well status report for the Unit.

### **PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells.

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Bureau of Land Management  
Commissioner of Public Lands  
New Mexico Oil Conservation Division  
& Working Interest Owners  
April 13, 1998  
Page 2 of 2

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Cumulative production since the formation of the unit is 9,165 MBO, 5,958 MMCFG, and 18,943 MBW through December 31, 1997. The cumulative injection is 130,946 MBW. The Unit in December 1997 yielded 1468 BOPD, 1219 MCFGPD and 3960 BWPD, and injection was 6,480 BWPD.

#### **DEVELOPMENT PLANS FOR 1998**

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Yours very truly,



Charles E. Sadler  
Asset Manager

CRW/naz

Attachments

N. L. Baroid  
Attn: Harry E. Wallace  
P. O. Box 1675  
Houston, TX 77251

Ms. Rubie C. Bell  
1331 Third Street  
New Orleans, LA 70130

Mr. Fred J. Brotherton  
735 Island Drive  
Palm Beach, FL 33480-4742

Chevron U.S.A. Inc.  
Attn: NOJV Manager  
P. O. Box 1635  
Houston, TX 77251

Devon Energy Corp.  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102

Matador Petroleum Corporation  
Suite 158, Pecan Creek  
8340 Meadow Road  
Dallas, TX 75231-3751

Mr. Elton M. Hyder, Jr.  
Attorney at Law  
Commerce Bldg., Suite 1918  
Fort Worth, TX 76102

Mr. W. E. Irvin  
c/o Martin Siegmund  
One Tandy Center, Suite 601  
Fort Worth, TX 76102

Nations Bank of Texas  
Trustee for Gus Layton, Acct. 2235  
P. O. Box 2546  
Fort Worth, TX 76113

John E. Layton  
P. O. Box 691127-223  
Houston, TX 77269-1127

Maralo, Inc.  
P. O. Box 832  
Midland, TX 79702

NationsBank of Texas, N.A., Trustee  
of the Marilyn Maxwell Chandler  
Trust UTA dated 1-31-75  
P. O. Box 830308  
Dallas, TX 75283-0308

Chase Oil Corporation  
P. O. Box 1767  
Artesia, New Mexico 88211

Francis Gardner Parker  
3601 Piping Rock  
Houston, TX 77027

Janet Adair Snowden  
P. O. Box 1731  
Silver City, NM 88062

James H. Snowden, III  
2200 Taxco Road, Apt. 1201  
Fort Worth, TX 76116-2004

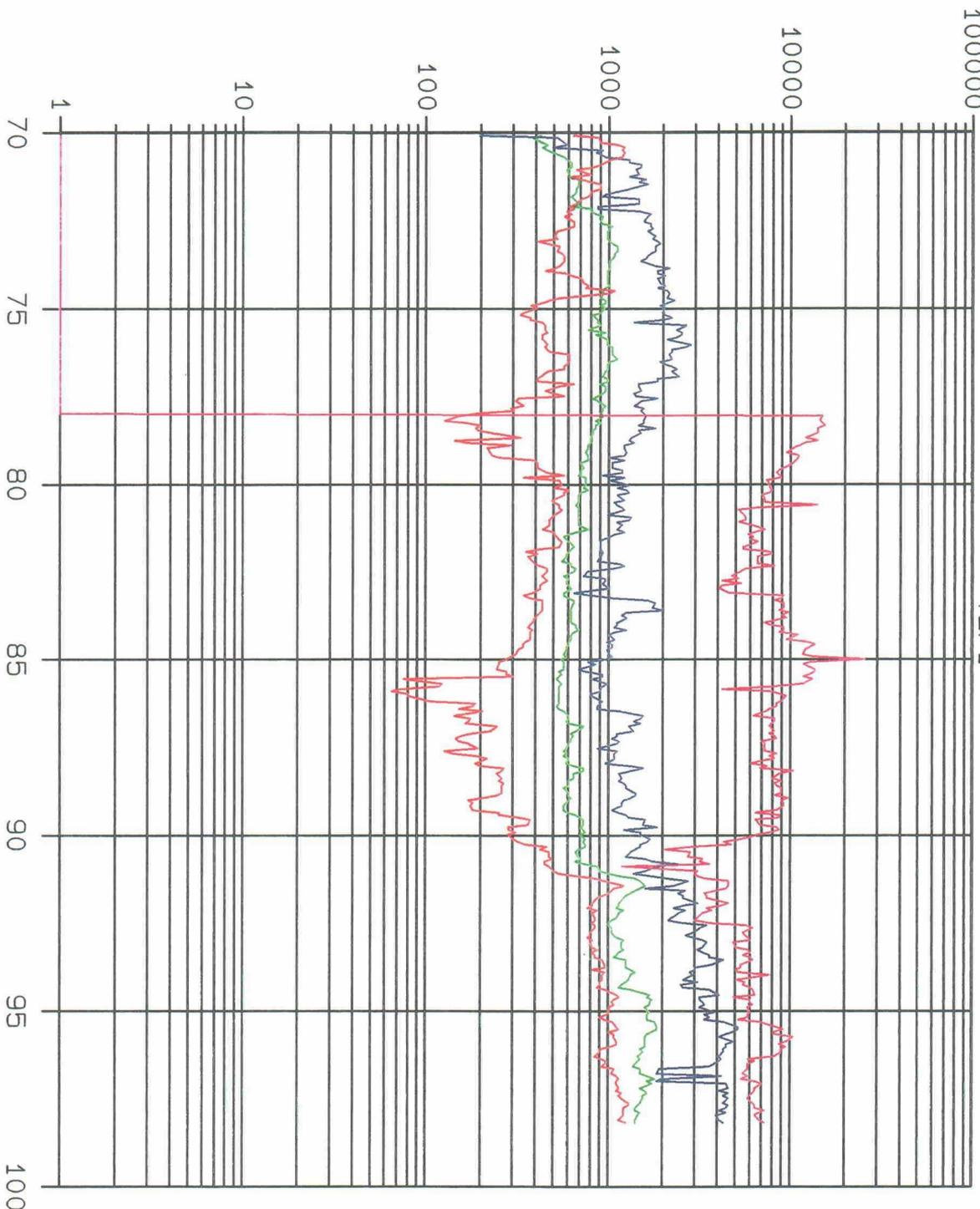
WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

WELL STATUS  
DECEMBER, 1997

WELL NO.	STATUS	WELL NO.	STATUS						
1	Shut-in								
3	Shut-in	48	Shut-in	97	Active	130	Producer	130	Active
4	Active	50	Shut-in	98	Active	131	Producer	131	Active
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6	Shut-in	56	Active	100	Active	133	Producer	133	Active
7	Shut-in	57	Active	101	Shut-in	134	Producer	134	Active
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12	Active	59	Shut-in	103	Active	137	Producer	137	Active
13	Shut-in	60	Active	104	Active	139	Producer	139	Active
14	Shut-in	64	Active	105	Active	140	Producer	140	Active
15	Active	66	Shut-in	106	Active	141	Producer	141	Active
16	Active	68	Shut-in	107	Active	142	Producer	142	Active
17	Active	69	Active	108	Active	143	Producer	143	Active
19	Shut-in	71	Active	109	Active	144	Producer	144	Active
20	Active	72	Active	110	Active	145	Producer	145	Active
21	Shut-in	73	Active	111	Active	146	Producer	146	Shut-in
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25	Active	75	Active	113	Active	148	Producer	148	Active
26	Shut-in	80	Shut-in	114	Active	149	Producer	149	Active
27	Active	81	Active	115	Active	150	Producer	150	Shut-in
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31	Shut-in	87	Active	120	Active	153	Injector	153	Active
35	Active	88	Shut-in	121	Active	154	Injector	154	Active
36	Active	89	Active	122	Active	155	Injector	155	Active
37	Active	90	Active	123	Active	156	Producer	156	Active
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43	Active	92	Active	125	Active	158	Producer	158	Active
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46	Shut-in	95	Shut-in	128	Active		Producer		
47	Shut-in	96	Active	129	Active		Producer		

WEST DOLLARHIDE DRINKARD UNIT

TEPI



LEASE DATA

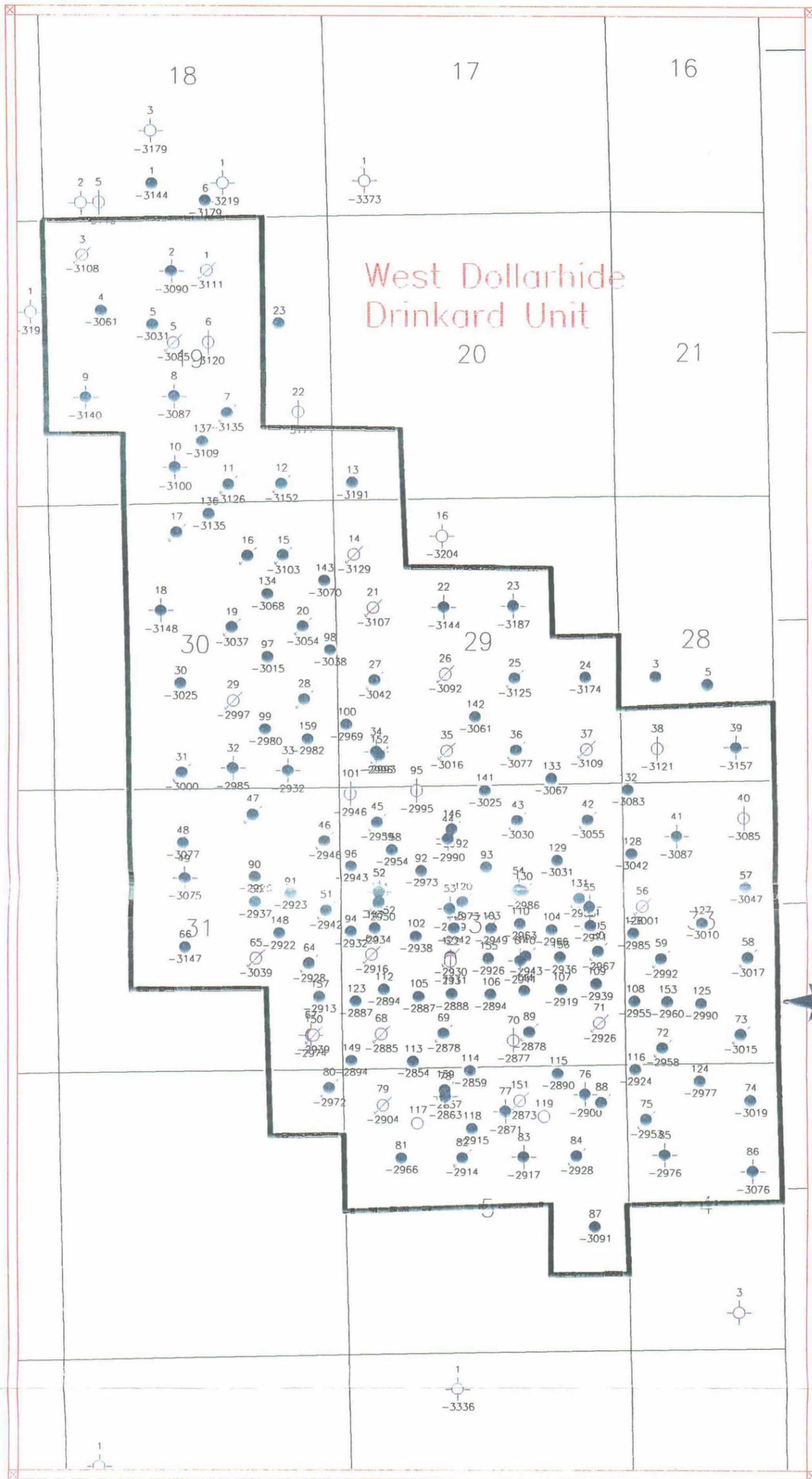
LSE  
FLD  
OPER TEPI  
ZONE

COUNTY  
STATE

STATUS 2-98  
CO 11835 MBO  
CG 10813 MCMF  
CW 19472 MBW  
BOPD 1401  
BWPD 4282  
MCFPD 1268  
WELLS 1  
CI 55136 MBWI  
BWIPD 7115

BOPD    BWPD    MCFPD    BWIPD

YEARS



Scale 1:26277.19



LEGEND	
●	Oil Producer
◐	Water Injector
⊕	Shut-in Producer
⊗	Shut-in Water Injector
⊛	Plugged and Abandoned
⊙	Drilled and Abandoned

TEXACO E & P, INC	
WEST DOLLARHIDE DRINKARD UNIT BASEMAP	
ms	1/11/71
Scale 1:26277.19	



COMMERCIAL RESOURCES  
(505)-827-5724

SURFACE RESOURCES  
(505)-827-5793

MINERAL RESOURCES  
(505)-827-5744

ROYALTY  
(505)-827-5772

PUBLIC AFFAIRS  
(505)-827-5765

ADMINISTRATIVE MGMT.  
(505)-827-5700

LEOAL  
(505)-827-5713

PLANNING  
(505)-827-5752

State of New Mexico  
Commissioner of Public Lands

Ray Powell, M.S., D.V.M.  
310 Old Santa Fe Trail, P. O. Box 1148  
Santa Fe, New Mexico 87504-1148  
Phone (505)-827-5760, Fax (505)-827-5766

April 8, 1997

Texaco Exploration & Production Inc.  
P.O. Box 3109  
Midland, Texas 79702

Attn: Mr. A. J. Head

Re: 1997 Plan of Development  
West Dollarhide Drinkard Unit  
Lea County, New Mexico

Dear Mr. Head:

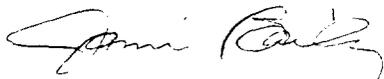
The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY:   
JAMI BAILEY, Director  
Oil, Gas and Minerals Division  
(505) 827-5744

RP/JB/cpm  
cc: Reader File

OCD

BLM



Texaco Exploration  
and Production Inc

3/18/97  
D-Unit letter  
Tnx 127

March 26, 1997

District Supervisor  
Bureau of Land Management  
Roswell District Office  
1717 West 2nd Street  
Roswell, New Mexico 88201-2019

MAR 17 1997

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

All Working Interest Owners  
(Address List Attached)

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits for your approval, a report of past operations and a plan of development for 1997. Attached are a map, a production plot, and a well status report for the Unit.

**PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells.

The ongoing drilling program continued during 1996. A total of seven producing wells were drilled, with five of the wells drilled in east-west producer rows. The other two wells were drilled in injector rows and did not produce unusually high amounts of water, suggesting that east-west directional permeability is not significant.

Bureau of Land Management  
Commissioner of Public Lands  
New Mexico Oil Conservation Division  
& Working Interest Owners  
March 26, 1997  
Page 2 of 2

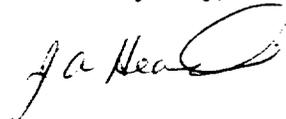
Also continued during 1996 was the ongoing workover program. Two wells received CO<sub>2</sub> acid fracs. Three wells utilized coiled tubing unit technology for foam diverted treatment. Nine wells opened additional pay and received stimulation, and ten wells received acid stimulation.

Cumulative production since the formation of the unit is 8,605 MBO, 5,523 MMCFG, and 17,354 MBW through December 31, 1996. The cumulative injection is 128,597 MBW. The Unit in December 1996 yielded 1659 BOPD, 1113 MCFGPD and 3720 BWPD from 58 active producers, and injection was 6,225 BWPD into 36 active injection wells.

#### **DEVELOPMENT PLANS FOR 1997**

Texaco continues to monitor the infill drilling and waterflood expansion programs of previous years. Based on promising results we have seen from horizontal wells (both new wells and re-entries) in various fields in Lea County and the Permian Basin, we are evaluating the desirability of using this technology at WDDU. Texaco will also continue to perform equipment modifications and workovers where potential exists and where necessary to maintain efficient and commercial operations.

Yours very truly,



J. A. Head  
Asset Manager

CRW/naz

Attachments

**N. L. Baroid**  
**Attn: Harry E. Wallace**  
**P. O. Box 1675**  
**Houston, TX 77251**

**Ms. Rubie C. Bell**  
**1331 Third Street**  
**New Orleans, LA 70130**

**Mr. Fred J. Brotherton**  
**735 Island Drive**  
**Palm Beach, FL 33480-4742**

**Chevron U.S.A. Inc.**  
**Attn: NOJV Manager**  
**P. O. Box 1635**  
**Houston, TX 77251**

**Devon Energy Corp.**  
**20 North Broadway, Suite 1500**  
**Oklahoma City, OK 73102**

**Matador Petroleum Corporation**  
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**Dallas, TX 75231-3751**

**Mr. Elton M. Hyder, Jr.**  
**Attorney at Law**  
**Commerce Bldg., Suite 1918**  
**Fort Worth, TX 76102**

**Mr. W. E. Irvin**  
**c/o Martin Siegmund**  
**One Tandy Center, Suite 601**  
**Fort Worth, TX 76102**

**Nations Bank of Texas**  
**Trustee for Gus Layton, Acct. 2235**  
**P. O. Box 2546**  
**Fort Worth, TX 76113**

**Edna Delyte Layton**  
**10421 Bassoon**  
**Houston, TX 77025**

**Maralo, Inc.**  
**P. O. Box 832**  
**Midland, TX 79702**

**NationsBank of Texas, N.A., Trustee**  
**of the Marilyn Maxwell Chandler**  
**Trust UTA dated 1-31-75**  
**P. O. Box 830308**  
**Dallas, TX 75283-0308**

**Chase Oil Corporation**  
**P. O. Box 1767**  
**Artesia, New Mexico 88211**

**Francis Gardner Parker**  
**3601 Piping Rock**  
**Houston, TX 77027**

**Janet Adair Snowden**  
**P. O. Box 1731**  
**Silver City, NM 88062**

**James H. Snowden, III**  
**2200 Taxco Road, Apt. 1201**  
**Fort Worth, TX 76116-2004**

WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

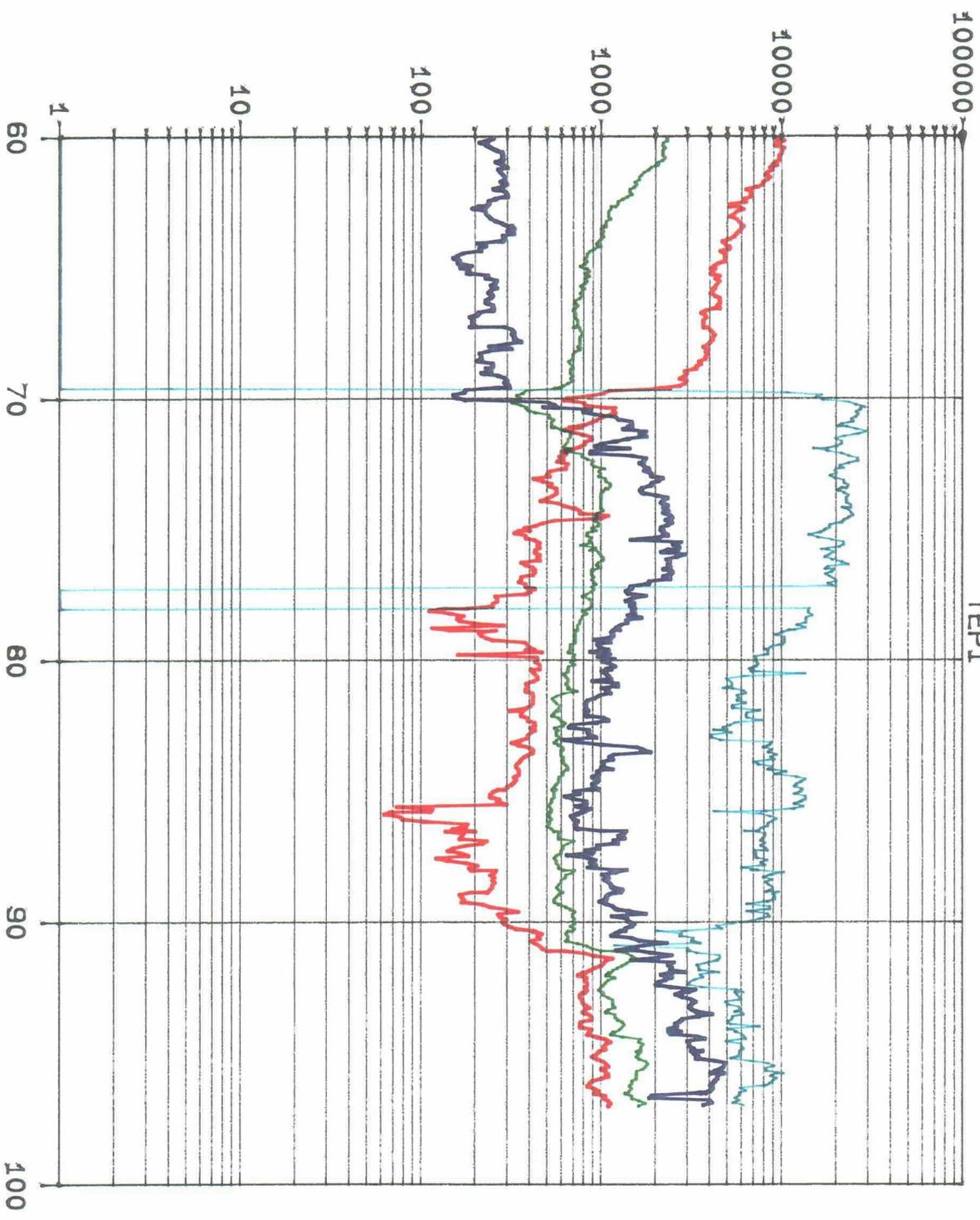
WELL STATUS  
DECEMBER, 1996

WELL NO.	STATUS	WELL NO.	STATUS	WELL NO.	STATUS	WELL NO.	STATUS	WELL NO.	STATUS	WELL NO.	STATUS	WELL NO.	STATUS	WELL NO.	STATUS
1	Shut-in														
3	Shut-in	45	Active	88	Injector		Injector	121	Active		Injector	154	Active		Producer
4	Active	46	Active	89	Injector		Injector	122	Active		Injector	155	Active		Producer
5	Shut-in	47	Shut-in	90	Injector		Injector	123	Active		Producer	156	Active		Producer
6	Shut-in	48	Shut-in	91	Producer		Producer	124	Active		Producer	157	Active		Producer
7	Active	50	Active	92	Producer		Producer	125	Active		Producer	158	Active		Producer
11	Active	51	Active	93	Injector		Injector	126	Active		Producer	159	Completing		Producer
12	Active	56	Active	94	Injector		Injector	127	Active		Producer				
13	Shut-in	57	Active	95	Producer		Producer	128	Active		Producer				
14	Shut-in	58	Active	96	Injector		Injector	129	Active		Producer				
15	Active	59	Shut-in	97	Injector		Injector	130	Active		Injector				
16	Active	60	Active	98	Injector		Injector	131	Active		Injector				
17	Shut-in	62	Shut-in	99	Producer		Producer	132	Active		Producer				
19	Active	63	Shut-in	100	Injector		Injector	133	Active		Producer				
20	Active	64	Shut-in	101	Injector		Injector	134	Active		Producer				
21	Shut-in	66	Shut-in	102	Producer		Producer	136	Active		Producer				
24	Shut-in	67	Shut-in	103	Injector		Injector	137	Active		Producer				
25	Active	68	Shut-in	104	Injector		Injector	139	Active		Injector				
26	Shut-in	69	Active	105	Injector		Injector	140	Active		Injector				
27	Active	70	Shut-in	106	Producer		Producer	141	Active		Producer				
28	Active	71	Shut-in	107	Injector		Injector	142	Active		Producer				
29	Shut-in	72	Active	108	Injector		Injector	143	Active		Producer				
30	Active	73	Active	109	Injector		Injector	144	Active		Producer				
31	Shut-in	74	Active	110	Producer		Producer	145	Active		Producer				
35	Active	75	Active	111	Injector		Injector	146	Shut-in		Injector				
36	Active	77	Shut-in	112	Injector		Injector	147	Active		Producer				
37	Active	79	Shut-in	113	Injector		Injector	148	Active		Producer				
38	Shut-in	80	Shut-in	114	Injector		Injector	149	Active		Producer				
40	Shut-in	81	Active	115	Producer		Producer	150	Shut-in		Injector				
42	Active	82	Active	116	Injector		Injector	151	Shut-in		Injector				
43	Active	84	Active	118	Injector		Injector	152	Active		Injector				
		87	Active	120	Producer		Injector	153	Active		Producer				

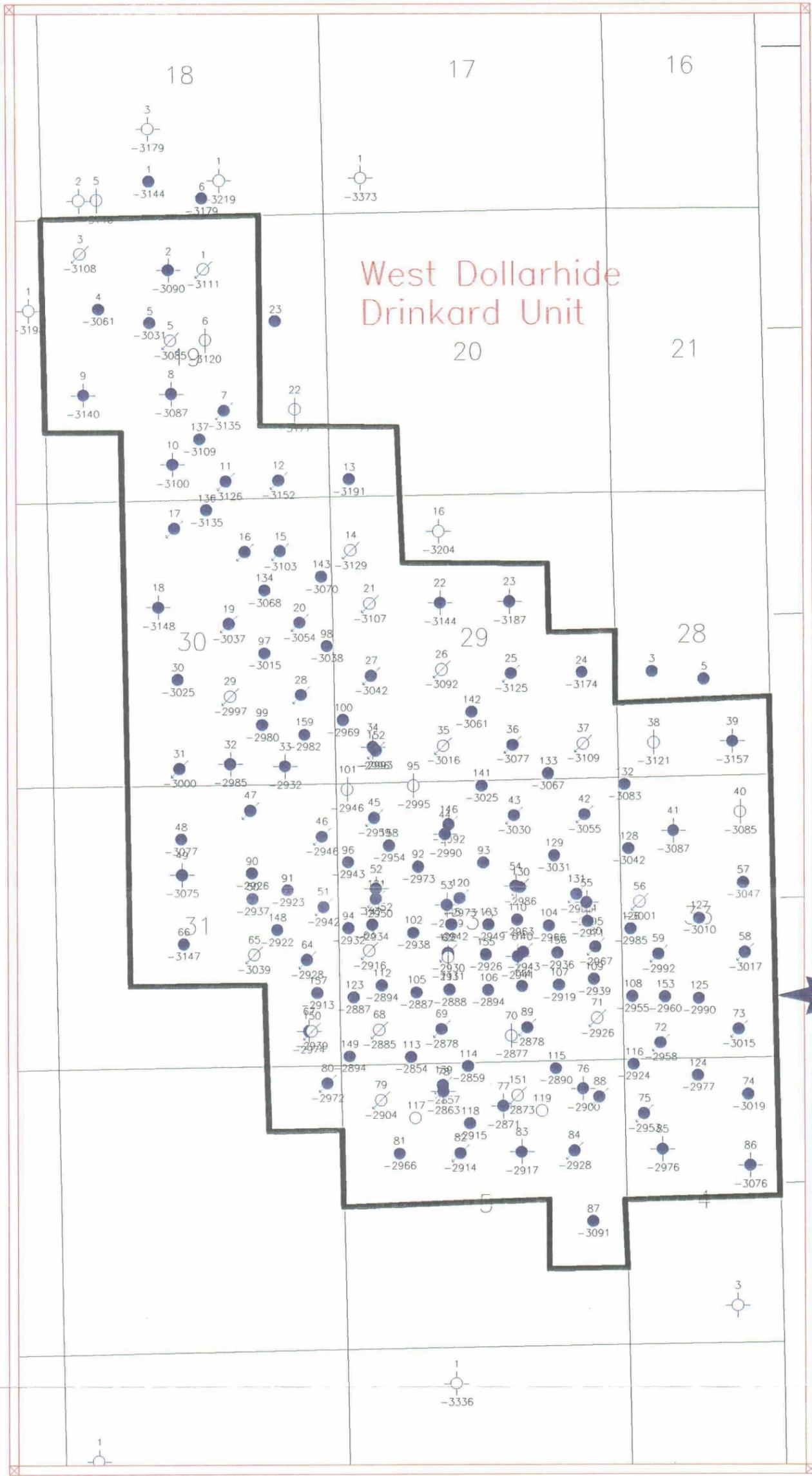
WEST DOLLARHIDE DRINKARD UNIT

TEPI

BOPD    BWPD    MCFPD    BWIPD



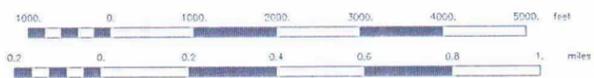
YEARS



West Dollarhide  
Drinkard Unit



Scale 1:26277.19



LEGEND	
●	Oil Producer
◐	Water Injector
⊕	Shut-in Producer
⊖	Shut-in Water Injector
◆	Plugged and Abandoned
⊘	Drilled and Abandoned

TEXACO E & P, INC		
WEST DOLLARHIDE DRINKARD UNIT BASEMAP		
03		3/25/97
	Scale 1:26277.19	



Texaco Exploration  
and Production Inc.

#4133

SEARCHED INDEXED  
SERIALIZED FILED

FEB 11 1995

V.L. JK

February 8, 1995

District Supervisor  
Bureau of Land Management  
Roswell District Office  
P. O. Box 1397  
Roswell, New Mexico 88202-1397

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division   
P. O. Box 2088  
Santa Fe, New Mexico 87501

All Working Interest Owners  
(Address List Attached)

Re: **WEST DOLLARHIDE DRINKARD UNIT**  
Secondary Recovery Unit  
Lea County, New Mexico

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits, for your approval, a report of past operations and a plan of development for 1995. Attached are maps and a production plot for the unit.

### **PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells.

The 20-acre infill drilling and waterflood expansion program continued during 1994. Texaco drilled and completed five 20-acre infill and two 10-acre producing wells across the Drinkard and Abo Formations. Additionally, we drilled and completed three 20-acre infill injection wells across

the Drinkard Formation. The waterflood expansion activity also included a producer to injector conversion program involving four wells.

During 1994, Texaco fracture treated three producers and subjected six wells to acid/clean out procedures. Additional pay was perforated and stimulated in six wells. We plugged and abandoned two wells. No facility work was done in 1994.

Cumulative production since the formation of the unit is 7,437 MBO, 4,784 MMCFG and 14,547 MBW through December 31, 1994. The cumulative injection is 123,190 MBW. The unit currently yields 1,677 BOPD, 961 MDFGPD and 3,715 BWPD from 52 active producers. The current injection rate is 5,965 BWPD into 31 active injection wells.

#### **DEVELOPMENT PLANS FOR 1995**

Texaco plans to continue the infill drilling and waterflood expansion programs. We plan to drill two 20-acre infill producers, three 20-acre infill injectors and five 10-acre infill producers. Additionally, we plan to convert one well to injection. The success of the five 10-acre producers will impact future plans for 10-acre infill drilling within the most prolific portions of the unit. Texaco will perform equipment modifications and workovers where potential exists and where necessary to maintain efficient and commercial operations.

Yours very truly,



J. A. Head  
Asset Manager

RSE-CC

Attachments

**WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO**

N. L. Baroid  
Attn: Harry E. Wallace  
P. O. Box 1675  
Houston, TX 77251

Ms. Rubie C. Bell  
1331 Third Street  
New Orleans, LA 70130

Mr. Fred J. Brotherton  
735 Island Drive  
Palm Beach, FL 33480-4742

Chevron U.S.A. Inc.  
Attn: NOJV Manager  
P. O. Box 1635  
Houston, TX 77251

Devon Energy Corp.  
20 North Broadway, Suite 1500  
Oklahoma City, OK 73102

Elliott Oil Company  
P. O. Box 1355  
Roswell, NM 88202

Mr. Elton M. Hyder, Jr.  
Attorney at Law  
Commerce Bldg., Suite 1918  
Fort Worth, TX 76102

Mr. W. E. Irvin  
c/o Martin Siegmund  
One Tandy Center, Suite 601  
Fort Worth, TX 76102

Nations Bank of Texas  
Trustee for Gus Layton, Acct. 2235  
P. O. Box 2546  
Fort Worth, TX 76113

Edna Delyte Layton  
10421 Bassoon  
Houston, TX 77025

Maralo, Inc.  
P. O. Box 832  
Midland, TX 79702

Joseph D. Kennedy  
Marilyn Maxwell Trust  
P. O. Drawer 532  
Stephenville, TX 76401

Meridian Oil  
Joint Operations Manager  
P. O. Box 51810  
Midland, TX 79710

George A. Meihaus, Jr.  
4705 Harley  
Fort Worth, TX 76107

Francis Gardner Parker  
3415 Wickersham  
Houston, TX 77027

James H. Snowden, III  
RR 9, Box 241  
Fort Worth, TX 76179

Janet Adair Snowden  
P. O. Box 1731  
Silver City, NM 88062

**WEST DOLLARHIDE DRINKARD UNIT  
WELL STATUS**

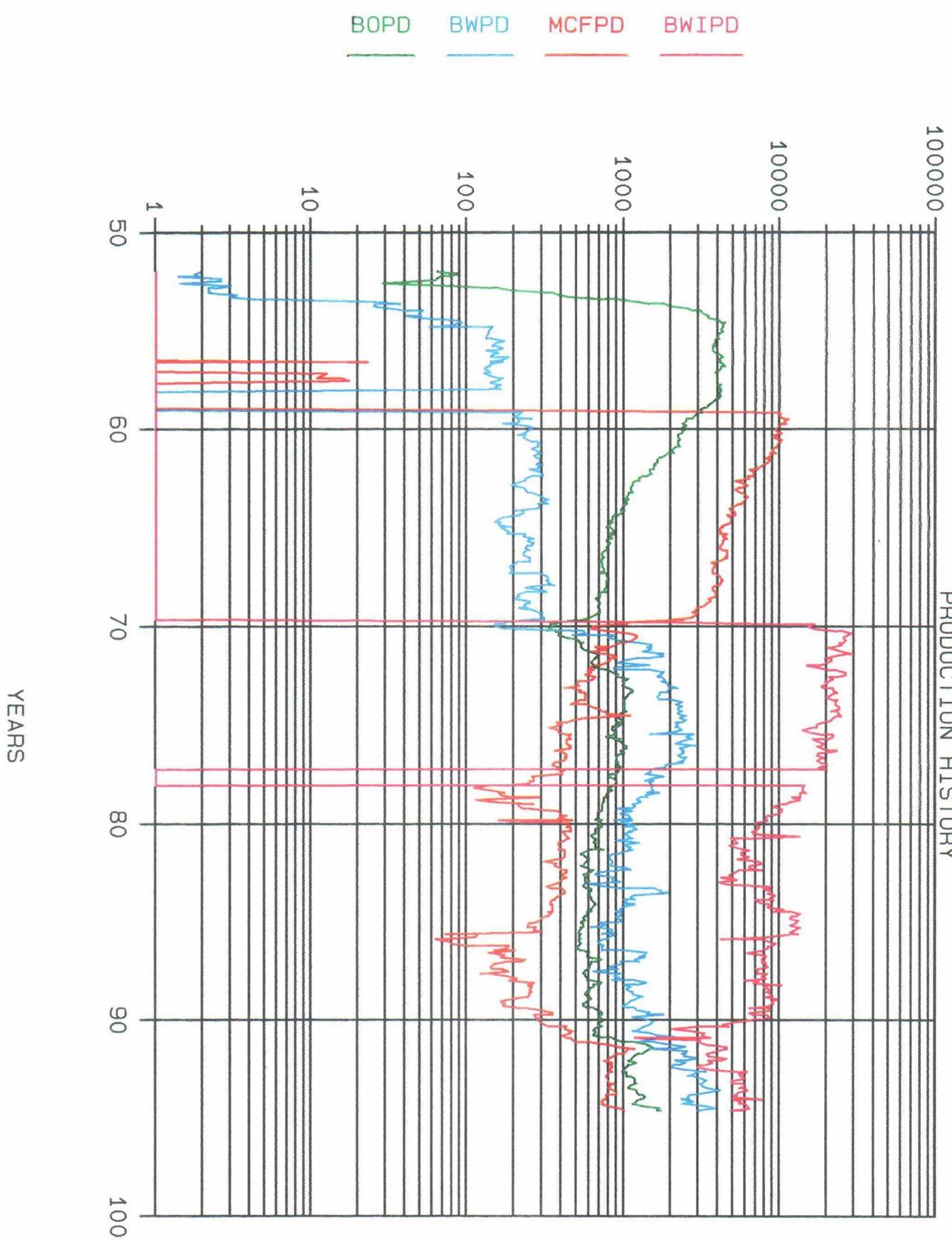
Well No.	Status	BOPD	TEST		BWIPD
			BWPD	MCFD	
1	Temp. Abd.				
3	Temp. Abd.				
4	Active	11	6	1	
5	Shut-In				
6	Shut-In				
7	Active				186
10	Shut-In				
11	Shut-In				
12	Active				200
13	Active	3	40	1	
14	Temp. Abd.				
15	Shut-In				
16	Active				186
17	Active				20
19	Active				308
20	Active				277
21	Shut-In				
24	Active	4	15	1	
25	Active				311
26	Active	7	13	4	
27	Active				352
28	Shut-In				
29	Shut-In				
30	Active	12	25	0	
31	Active				173
35	Shut-In				
36	Shut-In				
37	Shut-In				
38	Shut-In				
40	Shut-In				
42	Shut-In				
43	Active				243
45	Active				219
46	Active				74
47	Active				220
48	Active	4	11	10	
50	Shut-In				
51	Active				330
56	Shut-In				
57	Active	20	160	4	
58	Active				210
59	Active				243
60	Active				175
62	Shut-In				
63	Shut-In				

**WEST DOLLARHIDE DRINKARD UNIT  
WELL STATUS**

Well No.	Status	TEST			
		BOPD	BWPD	MCFD	BWIPD
64	Active				165
66	Active	2	3	5	
67	P&A				
68	Shut-In				
69	Active				301
70	Shut-In				
71	Shut-In				
72	Active				256
73	Active				192
74	Active	28	10	6	
75	Active				250
77	Temp. Abd.				
79	Temp. Abd.				
80	Active	11	7	13	
81	Active	7	5	4	
82	Active				264
84	Active				153
87	Active	9	35	2	
88	Shut-In				
89	Shut-In				
90	Active	39	18	27	
91	Active	16	57	18	
92	Active	36	29	57	
93	Shut-In				
94	Active	30	32	40	
95	Active	3	2	2	
96	Active	13	3	9	
97	Active	20	17	20	
98	Active	18	19	16	
99	Active	21	19	22	
100	Active	17	2	20	
101	Active	4	55	12	
102	Active	47	45	26	
103	Active	25	91	26	
104	Active	30	90	22	
105	Active	121	120	30	
106	Active	25	148	24	
107	Active	30	63	40	
108	Active	57	18	10	
113	Active	28	111	25	
114	Active	90	47	30	
115	Active	54	169	28	
116	Active	18	81	19	
118	Active	33	161	26	
120	Active				78



WEST DOLLARHIDE DRINKARD UNIT  
PRODUCTION HISTORY



680000.

3565000.

32.200

3560000.

-103.100

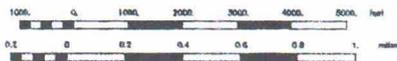
# West Dollarhide Drinkard Unit

## 1983-1994 PROGRAM

- PRODUCER
- △ INJECTOR
- CONVERSION



Scale 1:42772.49



- LEGEND**
- Oil Producer
  - ⊗ Water Injector
  - ⊕ Shut-in Producer
  - ⊗ Shut-in Water Injector
  - ◆ Plugged and Abandoned
  - ◇ Drilled and Abandoned

TEXACO E & P, INC.	
WEST DOLLARHIDE DRINKARD UNIT	
RE-DEVELOPMENT PROGRAM	
AND CURRENT 40-ACRE PATTERNS	
II	DATE
10/1/84	

680000.

3565000.

32.200

3560000.

-103.100

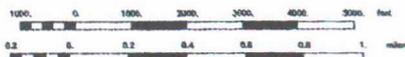
# West Dollarhide Drinkard Unit

## PROPOSED 1995 PROGRAM

- PRODUCER
- △ INJECTOR
- CONVERSION



Scale 1:42022.42



LEGEND	
●	Oil Producer
⊗	Water Injector
⊕	Shut-in Producer
⊗	Shut-in Water Injector
⊛	Plugged and Abandoned
⊕	Drilled and Abandoned

TEXACO E & P, INC	
WEST DOLLARHIDE DRINKARD UNIT BASEMAP WITH 1995 DEVELOPMENT	
03	Sub 1-000010



Texaco Exploration and Production Inc.  
Midland Producing Division

RECEIVED  
LAND DIVISION  
FEB 10 1994

4133

FEB 10 1994 PM 8 35  
OK'd  
2-24-94

February 10, 1994

District Supervisor  
Bureau of Land Management  
Roswell District Office  
P. O. Box 1397  
Roswell, New Mexico 88202-1397

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

All Working Interest Owners  
(Address List Attached)

Re: **WEST DOLLARHIDE DRINKARD**  
**SECONDARY RECOVERY UNIT**  
**LEA COUNTY, NEW MEXICO**

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Exploration and Production Inc. submits, for your approval, a report of past operations and a plan of development for 1994. Attached are a map and a production plot for the unit.

**PAST OPERATIONS**

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells.

The twenty-acre infill drilling and waterflood expansion program continued during 1993. Texaco drilled and completed ten twenty-acre infill producing wells across the Drinkard and Abo Formations. Additionally, we drilled and completed four twenty-acre infill injection wells across the Drinkard Formation. The waterflood expansion activity also included a producer to injector conversion program involving ten wells.

February 10, 1994

During 1993, Texaco fracture treated three producers and subjected four wells to acid/clean out procedures. Additional pay was perforated and stimulated in one well. We plugged and abandoned four wells. Facility work included modifications on two testing satellites.

Cumulative production since the formation of the unit is 6889 MBO, 4445 MMCFG and 13,423 MBW through December 31, 1993. The cumulative injection is 121,070 MBW. The unit currently yields 1317 BOPD, 775 MDFGPD and 2664 BWPD from forty-nine active producers. The current injection rate is 7631 BWPD into forty-six active injection wells.

#### **DEVELOPMENT PLANS FOR 1994**

Texaco plans to continue the infill drilling and waterflood expansion programs. We plan to drill five twenty-acre infill producers, three twenty-acre infill injectors and two ten-acre infill producers. Additionally, we plan to convert four wells to injectors. The success of the two ten-acre producers will impact future plans for ten-acre infill drilling within the most prolific portions of the unit. Texaco will perform equipment modifications and workovers where potential exists and where necessary to maintain efficient and commercial operations.

Yours very truly,



R. J. Rowalt  
Assistant Division Manager

JLF/srt  
Attachments

**WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO  
WORKING INTEREST OWNERS**

N. L. BAROID  
ATTN: HARRY E. WALLACE  
P. O. BOX 1675  
HOUSTON, TEXAS 77251

FRANCIS GARDNER PARKER  
3415 WICKERSHAM  
HOUSTON, TEXAS 77027

ELLIOTT OIL COMPANY  
P. O. BOX 1355  
ROSWELL, NEW MEXICO 88202

MR. ELTON M. HYDER JR.  
ATTORNEY AT LAW  
SUITE 1918  
COMMERCE BUILDING  
FORT WORTH, TEXAS 76102

MERIDIAN OIL  
JOINT OPERATIONS MGR.  
P. O. BOX 51810  
MIDLAND, TEXAS 79710

MR. FRED J. BROTHERTON  
P. O. BOX 249  
HACKENSACK, NEW JERSEY 07602

CHEVRON U.S.A., INC.  
ATTN: NOJV MANAGER  
P. O. BOX 1635  
HOUSTON, TEXAS 77251

GEORGE A. MEIHAUS, JR  
4705 HARLEY  
FORT WORTH, TEXAS 76107

DEVON ENERGY CORP.  
SUITE 1500  
20 NORTH BROADWAY  
OKLAHOMA CITY, OKLAHOMA 73102

NATIONS BANK OF TEXAS  
TRUSTEE FOR GUS LAYTON  
ACT NO 2235  
P. O. BOX 2546  
FORT WORTH, TEXAS 76113

MS. RUBIE C. BELL  
1331 THIRD STREET  
NEW ORLEANS, LOUISIANA 70130

JAMES H. SNOWDEN III  
RR 9, BOX 241  
FORT WORTH, TEXAS 76179-9809

JOSEPH D. KENNEDY  
MARILYN MAXWELL TRUST  
P. O. DRAWER 532  
STEPHENVILLE, TEXAS 76401

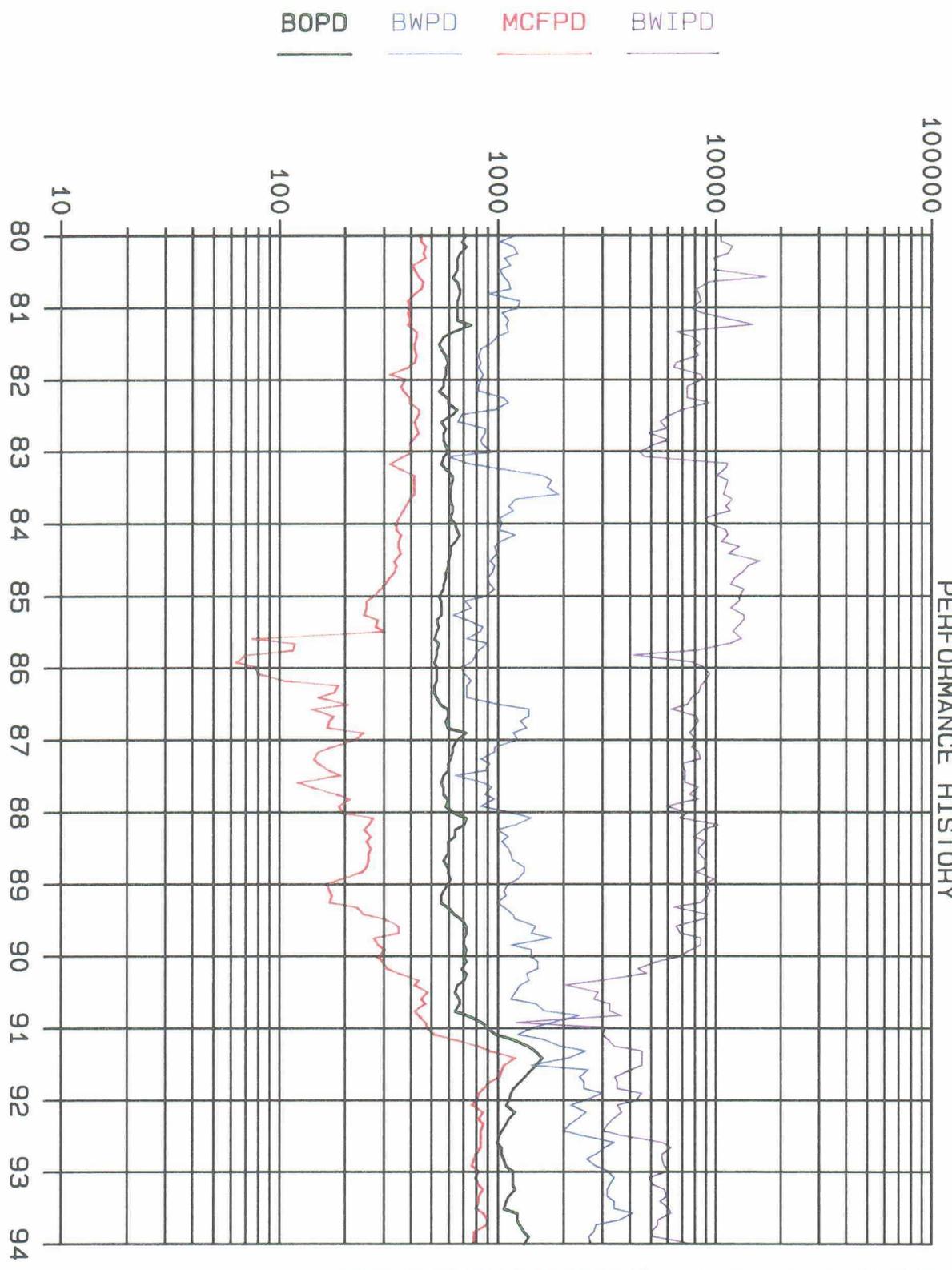
EDNA DELYTE LAYTON  
10421 BASSOON  
HOUSTON, TEXAS 77025

JANET ADAIR SNOWDEN  
RT. 1, BOX 89-D  
CRAWFORD, TEXAS 76638

MR. W. E. IRVIN  
C/O MARTIN SIEGMUND  
SUITE 601  
ONE TANDY CENTER  
FORT WORTH, TEXAS 76102

MARALO, INC.  
P. O. BOX 832  
MIDLAND, TEXAS 79702

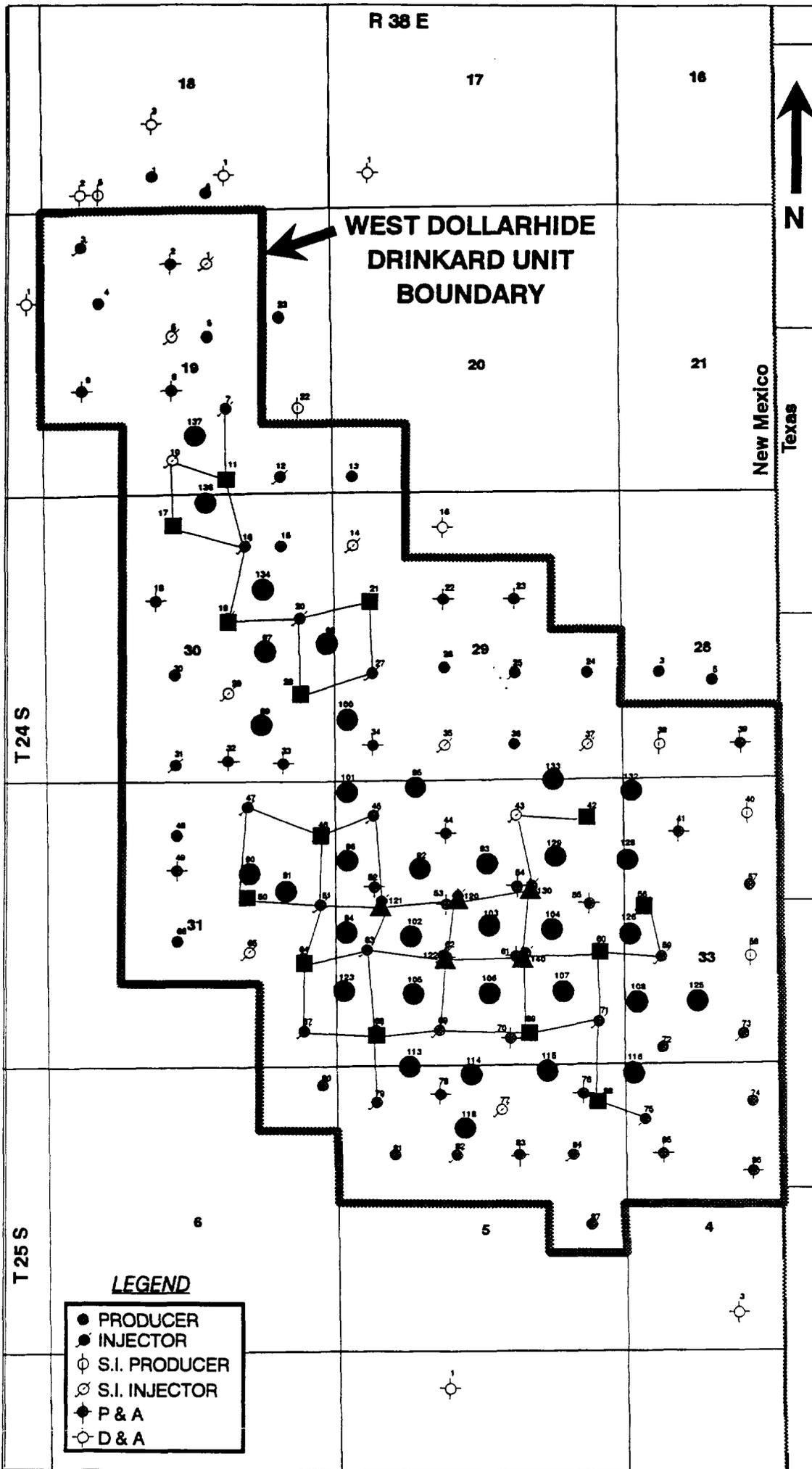
WEST DOLLARHIDE DRINKARD UNIT  
PERFORMANCE HISTORY



BOPD    BWPD    MCFPD    BWIPD

YEARS

LEASE DATA  
 LSE 172010  
 FLD 18830  
 OPER TEPI  
 ZONE 18830  
 --  
 COUNTY 0  
 STATE 30  
 172010 18  
 STATUS 12-93  
 CO 20862 MBO  
 CG 29975 MMCF  
 CW 14645 MBW  
 BOPD 1317  
 BWPD 2664  
 MCFPD 775  
 WELLS 1  
 CI 121070 MBWI  
 BWIPD 7631



**1983-1993 PROGRAM**

- Producer
- ▲ Injector
- Conversion

1 Mile

<b>TEXACO E &amp; P INC.</b> <small>Midland, Texas</small>	
<b>WEST DOLLARHIDE DRINKARD UNIT</b> Lea County, New Mexico <b>1983-1993 WATERFLOOD RE-DEVELOPMENT PROGRAM AND CURRENT 40-ACRE PATTERNS</b>	
NAME: J. Gibbs	DATE: Dec. 1, 1993

**FIGURE 1**



State of New Mexico  
Commissioner of Public Lands

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760  
FAX (505) 827-5766

RAY POWELL, M.S., D.V.M.  
COMMISSIONER

SLO REF NO. OG-1370

March 21, 1994

Texaco Exploration & Production, Inc.  
P.O. Box 3109  
500 N. Loraine  
Midland, Texas 79701

Attn: Mr. R. J. Rowalt

Re: 1994 Plan of Development  
West Dollarhide Drinkard Unit  
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the Unit Area and the need for further development of the unit may exist. You will be contacted at a later date regarding these possibilities.

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY B. POWELL, M.S., D.V.M.  
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

RBP/FOP/pm  
cc: OCD -Roy Johnson  
BLM

State of New Mexico

#4133



W.R. HUMPHRIES  
COMMISSIONER

Commissioner of Public Lands

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

October 5, 1990

Texaco USA  
Producing Department  
P.O. Box 3109  
Midland, TX 79702

Attn: S.G. Snyder

Re: West Dollarhide Drinkard  
Secondary Recovery Unit  
Lea County, New Mexico  
1990 Plan of Development

Dear Mr. Snyder:

The Commissioner of Public Lands this date approved the 1990 Plan of Development for the WestDollarhide Drinkard Unit. Our approval is subject to like approval by all other appropriate agencies. Please forward to this office current copies of both Exhibits A & B.

The possibility of drainage by wells outside of the Unit Area and the need for further development may exist. You will be contacted at a later date regarding these possibilities.

If we may be of further help, please do not hesitate to contact Clyde Langdale at (505) 827-5791.

Sincerely,

W. R. HUMPHRIES

BY:   
Floyd O. Prando, Director  
Oil, Gas & Minerals Division

cc: OCD  
Unit Corresp.  
Unit POD



Texaco USA  
Producing Department  
Midland Division

P. O. Box 1397  
Midland, Texas

#4133

March 23, 1990

District Supervisor  
Bureau of Land Management  
Roswell District Office  
P. O. Box 1397  
Roswell, New Mexico 88201

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

All Working Interest Owners  
(Address List Attached)

RE: ~~WEST DOLLARHIDE DRINKARD~~  
SECONDARY RECOVERY UNIT  
LEA COUNTY, NEW MEXICO

Gentlemen:

In accordance with Section II of the Unit Agreement of the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Inc. respectfully submits for your approval a report of past operations and a plan of development and operations for the waterflood unit for the year 1990.

#### PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells.

Currently the Unit consists of 37 active producers, 31 active injectors, 10 shut-in wells, and 14 plugged and abandoned wells. Cumulative oil production from the Unit since unitization was 5,183,986 barrels through December of 1989. The average producing rate per day during December 1989, was 697 barrels of oil, 1426 barrels of water and 283 MCF. Cumulative injection through December 1989 was 104,549,000 barrels. The average injection for December 1989, was 6706 BWPD at 1750 psig.

Bureau of Land Management,  
Commissioner of Public Lands,  
New Mexico Oil Conservation  
Division, and Working  
Interest Owners

-2-

March 23, 1990

During 1986, two (2) plugged and abandoned wells were re-entered and completed in the Drinkard.

During 1987, two (2) infill wells were drilled. Other workovers included cleanouts, stimulation and repair of casing leaks.

During 1988, eleven (11) workovers were necessary to open some additional pay within the unitized interval and to deal with scale problems in the field.

During 1989, five (5) workovers were completed. These workovers were primarily related to scale problems and involved clean outs, acidizing and scale squeezes. Three (3) producers were drilled (Nos. 92, 93 and 96).

DEVELOPMENT PLANS FOR 1990

The proposed plan of development for 1990 at the West Dollarhide Drinkard unit is to drill approximately twelve 20-acre infill wells. Success of the 20-acre drilling program may provide further drilling opportunities in 1990. Other anticipated work will be injection well cleanouts, opening additional pay in some wells, running liners on selected wells and the possibility of revamping the central battery plant.

Yours very truly,

Texaco Inc.

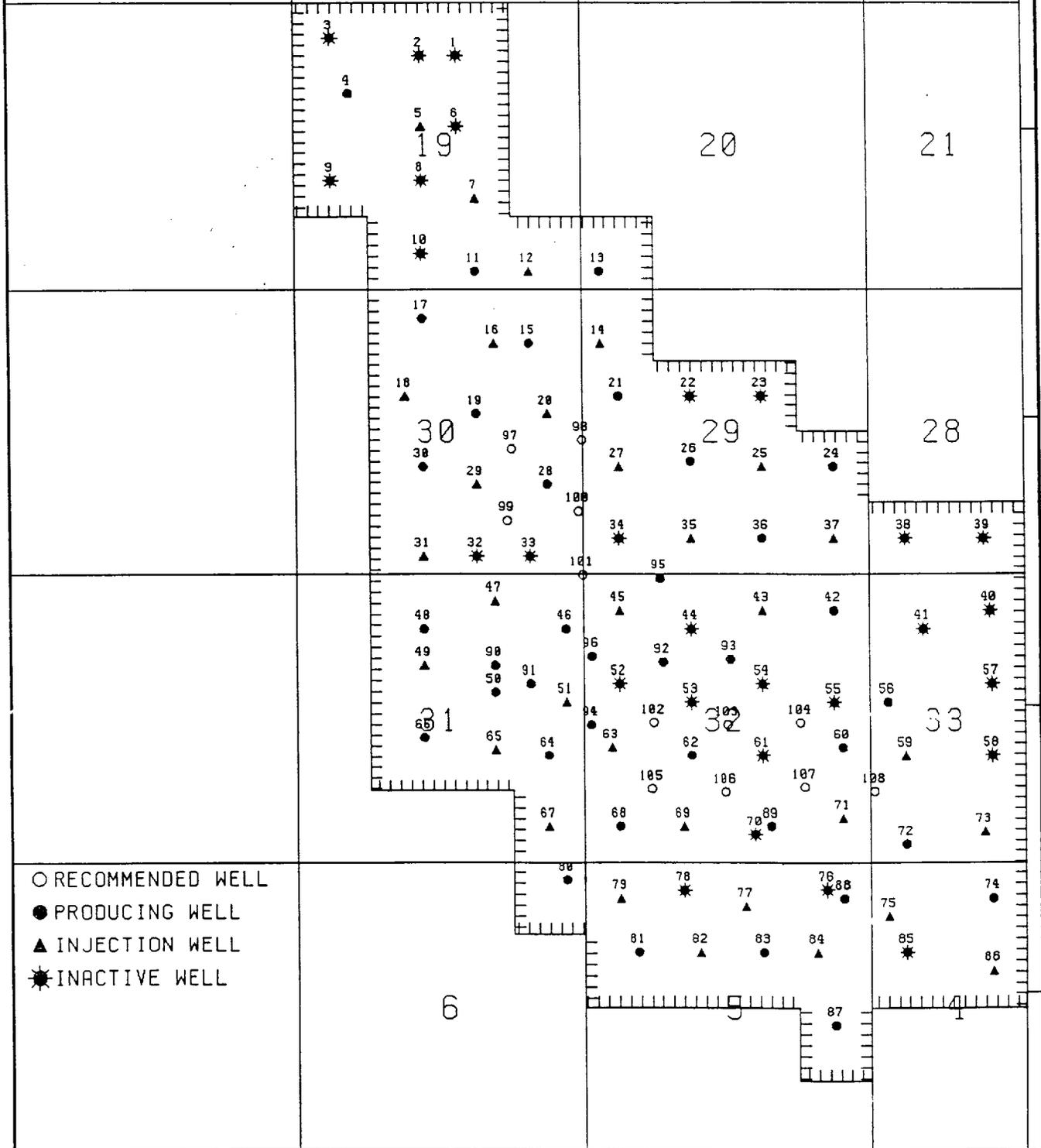


S. G. Snyder  
Portfolio Manager

MOS/srt  
Attachments

file  
chrono

WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO





WEST DOLLARHIDE DRINKARD UNIT WELL NO. \_\_\_\_\_

(65% Required)  
(At least 3 W.I.O)

ESTIMATE NO. \_\_\_\_\_

	% W.I.	DATE REC'D	APPROVED	
			YES	NO
Texaco Producing Inc.	53.77037		53.77037	
N. L. Baroid	.01241			
Rubie C. Bell	.03051			
Chevron U.S.A.	17.44904			
Elliott Oil Company	5.76478			
Aileen Gardner	.03093			
Hondo Oil & Gas Company	16.57833			
Elton M. Hyder, Jr.	.01648			
Mr. E. W. Knowles	.03052			
Gus Layton Estate	.03093			
Edna Delyte Layton	.03093			
Maralo, Inc.	.43796			
Meridian Oil	4.48876			
Marilyn Maxwell Trust	1.28166			
George A. Meihaus, Jr.	.01547			
Janet Adair Snowden	.01546			
James H. Snowden III	.01546			
<b>TOTAL</b>				

NATURE: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

W. DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

N. L. Baroid  
Attn: H. L. Richardson  
P. O. Box 1675  
Houston, Texas 77251

Joseph D. Kennedy  
Marilyn Maxwell Trust  
P. O. Drawer 532  
Stephenville, TX. 76401

Elliott Oil Company  
P. O. Box 1355  
Roswell, New Mexico 88202

Janet Adair Snowden  
Rt. 1, Box 89-D  
Crawford, Texas 76638

Gus Layton Estate  
NCNB TEXAS #08-2235  
P. O. Box 2546  
Fort Worth, Texas 76113

Meridian Oil  
Attn: Joint Operations  
21 Desta Drive  
Midland, Texas 79705

Maralo, Inc.  
P. O. Box 832  
Midland, Texas 79702

James H. Snowden III  
5025 Lockwood Dr.  
Waco, Texas 76710

Chevron U.S.A. Inc.  
Attn: J. C. Prindle  
P. O. Box 670  
Hobbs, New Mexico 88240

Miss Aileen Gardner  
5036 Lake Shore Drive  
Waco, Texas 76701

Edna Delyte Layton  
10421 Bassoon  
Houston, Texas 77025

Hondo Oil & Gas Company  
Attn: Bernard Mahony, Jr.  
P. O. Box 2208  
Roswell, New Mexico 88201

Mr. Elton M. Hyder, Jr.  
Attorney at Law  
Suite 1918 Commerce Bldg.  
Fort Worth, Texas 76102

Mrs. E. W. Knowles  
P. O. Box 285  
Roswell, New Mex. 88201

Ms. Rubie C. Bell  
1331 Third Street  
New Orleans, LA 70130

George A. Meihaus, Jr.  
P. O. Box 400  
Arlington, Texas 76010

TEXACO PRODUCING INC.

MIDLAND DIVISION

HOBBS DISTRICT

MONTH ENDING 01-01-90

FIELD NAME/ LEASE NO.	LEASE NAME/ FRS NO.	WELL NO.	WELL STATUS	COMMENTS	CONDITION	SEQUENCE NUMBER	API NUMBER
--------------------------	------------------------	-------------	----------------	----------	-----------	--------------------	------------

(2) JOINTLY OWNED AND OPERATED BY TEXACO

25			PM			22165400	3002511616
26			INJ			22165500	3002511645
27			PM			22165600	3002511641
28			PM			22165700	3002526293
29			PM			22165800	3002511504

466	WEST DOLLARHIDE DRINKARD UNIT 333000061800466 31410600 TEXACO WI - 40.2651300	1	ASD		UNECON. TO INJ	05-30-89	22165900 22165900 22165900 22165900	3002512217
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2			SI-O				22166000	3002512220
3			ASD		UNECON. TO INJ	06-09-89	22166100	3002512221
4			PM				22166200	3002512219
5			INJ				22166300	3002512224
6			SI-O		UNECON. TO PROD	03-01-87	22166400	3002512216
7			INJ				22166500	3002512215
9			SI-WS				22166600	3002512218
10			SI-INJ		NO REASON GIVEN	06-09-89	22166700	3002512226
11			PM				22166800	3002512213
12			INJ				22166900	3002512214
13			PM				22167000	3002512227
14			INJ				22167100	3002512244
15			PM				22167200	3002512264

4008

TEXACO PRODUCING INC.

MIDLAND DIVISION

HOBBS DISTRICT

MONTH ENDING 01-01-90

FIELD NAME/ LEASE NO.	LEASE NAME/ FRS NO.	WELL NO.	WELL STATUS	COMMENTS	CONDITION
--------------------------	------------------------	-------------	----------------	----------	-----------

(2) JOINTLY OWNED AND OPERATED BY TEXACO

FIELD NAME/ LEASE NO.	LEASE NAME/ FRS NO.	WELL NO.	WELL STATUS	COMMENTS	CONDITION	SEQUENCE NUMBER	API NUMBER
16		16	INJ			22167300	3002512265
17		17	PM			22167400	3002512250
18		18	INJ			22167500	3002512249
19		19	PM			22167600	3002512252
20		20	INJ			22167700	3002512260
21		21	PM			22167800	3002512241
24		24	PM			22167900	3002512239
25		25	INJ			22168000	3002512238
26		26	PM			22168100	3002512237
27		27	INJ			22168200	3002512232
28		28	PM			22168300	3002512256
29		29	INJ			22168400	3002512255
30		30	PM			22168500	3002512267
31		31	INJ			22168600	3002512266
32		32	TR-O	NO REASON GIVEN	11-17-87	22168700 22168700	3002523901
35		35	INJ			22168800	3002512234
36		36	PM			22168900	3002512233
37		37	INJ			22169000	3002512236
38		38	SI-O	UNECOM. TO PROD	02 04 87	22169100	3002512228
39		39	SI-INJ	NO REASON GIVEN	06-09-89	22169200	3002512229
40		40	SI-O			22169300	3002512342

TEXACO PRODUCING INC.

MIDLAND DIVISION

HOBBS DISTRICT

MONTH ENDING 01-01-90

FIELD NAME/ LEASE NO.	LEASE NAME/ FRS NO.	WELL NO.	WELL STATUS	COMMENTS	CONDITION	SEQUENCE NUMBER	API NUMBER
(2) JOINTLY OWNED AND OPERATED BY TEXACO							
42		PM				22169400	3002512321
43		INJ				22169500	3002512328
45		INJ				22169600	3002512324
46		PM				22169700	3002512273
47		INJ				22169800	3002512278
48		PM				22169900	3002512282
49		INJ				22170000	3002512284
50		PM			08 01-89	22170100	3002512277
51		INJ				22170200	3002512279
56		PM				22170300	3002512349
57		SI-INJ		NO REASON GIVEN	06-09-89	22170400	3002512343
58		TR-O		?	06-25-85	22170500	3002512345
59		INJ				22170600	3002512346
60		PM				22170700	3002512309
61		SI-INJ		NO REASON GIVEN	06-09-89	22170800	3002512303
62		PM				22170900	3002512304
63		INJ				22171000	3002512301
64		PM				22171100	3002512286
65		INJ				22171200	3002512291
66		PM				22171300	3002512293
67		INJ				22171400	3002599058
68		PM				22171500	3002512315

TEXACO PRODUCING INC.

MIDLAND DIVISION

HOBBS DISTRICT

MONTH ENDING 01-01 90

FIELD NAME/ LEASE NO.	LEASE NAME/ FRS NO.	WELL NO.	WELL STATUS	COMMENTS	CONDITION	SEQUENCE NUMBER	API NUMBER
(2) JOINTLY OWNED AND OPERATED BY TEXACO							
69		INJ				22171600	3002512314
70		TR-O		?	07-07-85	22171700	3002512313
71		INJ				22171800	3002512310
72		PM				22171900	3002512334
73		INJ				22172000	3002512347
74		PM				22172100	3002512353
75		INJ				22172200	3002512359
77		INJ				22172300	3002512381
78		SI-O			06-05-86	22172400	3002512378
79		INJ				22172500	3002512379
80		PM				22172600	3002512398
81		PM				22172700	3002512385
82		INJ				22172800	3002512384
83		PM				22172900	3002512383
84		INJ				22173000	3002512382
85		SI-O				22173100	3002512354
86		INJ				22173200	3002512355
87		PM				22173300	3002512393
88		PM				22173400	3002512387
89		PM			10-26-89	22173500	3002512317
90		PM				22173600	3002524041
91		PM		FORMERLY INJ WELL		22173700	3002524035

SUB AREA 6103 FUNCTIONAL SUB AREA

TEXACO PRODUCING INC.

MIDLAND DIVISION

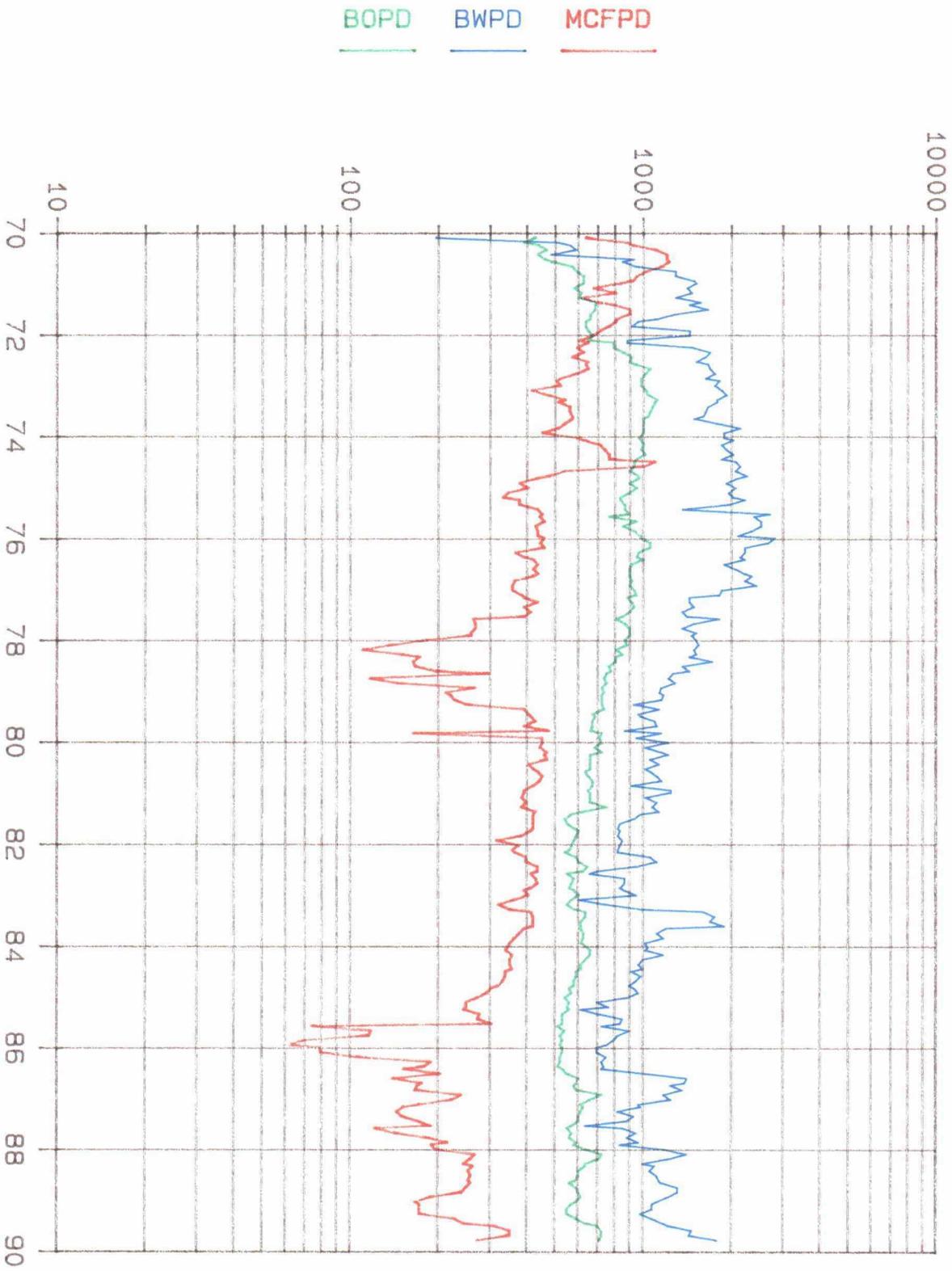
HOBBS DISTRICT

MONTH ENDING 01-01-90

FIELD NAME/ LEASE NO.	LEASE NAME/ FRS NO.	WELL NO.	WELL STATUS	COMMENTS	CONDITION	SEQUENCE NUMBER	API NUMBER
(2) JOINTLY OWNED AND OPERATED BY TEXACO							
		92	PM			22173800	3002530228
		93	PM		10-28-89	22173900	3002530229
		94	PM		12-07-89	22174000	3002530054
		95	PM			22174100	3002530053
		96	PM			22174200	3002530230
31	WEST JAL. A 333000061030031 77759500 TEXACO WI = 58.9070300	1	SI-O		04-15-85	22174300 22174300 22174300 22174300	3002520381
33	WEST JAL B DEEP 333000061030033 71096000 TEXACO WI = 87.6106400	1-02	FL			22174400 22174400 22174400 22174400	3002525046

6003

WEST DOLLARHIDE DRINKARD UNIT



LEASE DATA  
 LSE 172010  
 FLD 16600  
 OPER TPI  
 ZONE 476  
 --  
 COUNTY 025  
 STATE 30  
 STATUS  
 CO 17558 MBO  
 CG 25184 MMCF  
 BOPD 703  
 BWPD 1779  
 MCFPD 270  
 WELLS 65

YEARS

State of New Mexico



W.R. HUMPHRIES  
COMMISSIONER



Commissioner of Public Lands

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1051

March 27, 1989

Texaco U.S.A.  
Attn: Joe E. King  
P.O. Box 728  
Hobbs, New Mexico 88240

#4133

Re: 1989 Plan of Development  
West Dollarhide Drinkard Unit  
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned Plan of Development.

Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY: *Floyd O. Prando*  
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

cc: OCD  
BLM



Texaco USA

FD-36  
Form N  
5-74

January 11, 1989

District Supervisor  
Bureau of Land Management  
Roswell District Office  
P. O. Box 1397  
Roswell, New Mexico 88201

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

All Working Interest Owners  
(Address List Attached)

RE: WEST DOLLARHIDE DRINKARD  
SECONDARY RECOVERY UNIT  
LEA COUNTY, NEW MEXICO



Gentlemen:

In accordance with Section II of the Unit Agreement of the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Inc. respectfully submits for your approval a report of past operations and a plan of development and operations for the waterflood unit for the year 1989.

#### PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with injection of 21,000 BWPD into 35 wells.

Currently the Unit consist of 34 active producers, 37 active injectors, 9 shut-in wells, and 5 plugged and abandoned wells. Cumulative oil production from the Unit since unitization was

Bureau of Land Management,  
Commissioner of Public Lands,  
New Mexico Oil Conservation  
Division, and Working  
Interest Owners

- 2 -

January 11, 1989

4,908,018 barrels through October 31, 1988. The average producing rate per day during October, 1988, was 599 barrels of oil, 1308 barrels of water and 237 MCF. Cumulative injection through October 31, 1988, was 101,143,000 barrels. The average injection for October, 1988, was 8190 BWPD at 1650 psig.

During 1986, two (2) plugged and abandoned wells were re-entered and completed in the Drinkard.

During 1987, two (2) infill wells were drilled. Other workovers included cleanouts, stimulation and repair of casing leaks.

DEVELOPMENT PLANS FOR 1989

Plans for 1989 are to monitor this waterflood for effective and efficient flood operations. Revamping of a portion of the central battery plant will also be considered.

Yours very truly,



PWS:jss

Attachments

WEST DOLLARHIDE DRINKARD UNIT  
WORKING INTEREST OWNERS

NL Baroid  
Attn: H. L. Richardson  
P. O. Box 1675  
Houston, Texas 77251

Featherstone Farms LTD  
1717 W. Second Street  
Roswell, New Mexico 88201

Joseph D. Kennedy  
Marilyn Maxwell Trust  
P. O. Drawer 532  
Stephenville, Texas 76401

Elliott Oil Company  
P. O. Box 1355  
Roswell, New Mexico 88201

Amoco Production Company  
P. O. Box 68  
Hobbs, New Mexico 88240

Mr. Fred J. Brotherton  
P. O. Box 249  
Hackensack, NJ 07602

Amoco Production Company  
Attn: R. A. Sheppard  
P. O. Box 3092  
Houston, Texas 77253

Meridian Oil  
Attn: Joint Operations  
21 Desta Drive  
Midland, Texas 79705

Maralo, Inc.  
P. O. Box 832  
Midland, Texas 79702

Chevron U.S.A. Inc.  
Attn: J. C. Prindle  
P. O. Box 670  
Hobbs, New Mexico 88240

Miss Aileen Gardner  
5036 Lake Shore Drive  
Waco, Texas 76701

Edna Delyte Layton  
10421 Bassoon  
Houston, Texas 77025

Hondo Oil & Gas Company  
Attn: Bernard Mahoney, Jr.  
P. O. Box 2208  
Roswell, New Mexico 88201

Mr. Elton M. Hyder, Jr.  
Attorney at Law  
Suite 1918 Commerce Bldg.  
Fort Worth, Texas 76102

Mrs. E. W. Knowles  
P. O. Box 285  
Roswell, New Mexico 88201

Mr. W. E. Irwin  
1213 Roaring Spring Road  
Fort Worth, Texas 76114

Ms. Rubie C. Bell  
1331 Third Street  
New Orleans, LA 70130

Mr. George A. Meihaus, Jr.  
P. O. Box 400  
Arlington, Texas 76010

Gus Layton Estate 08-2235  
NCNB TEXAS  
P. O. Box 2546  
Fort Worth, Texas 76113

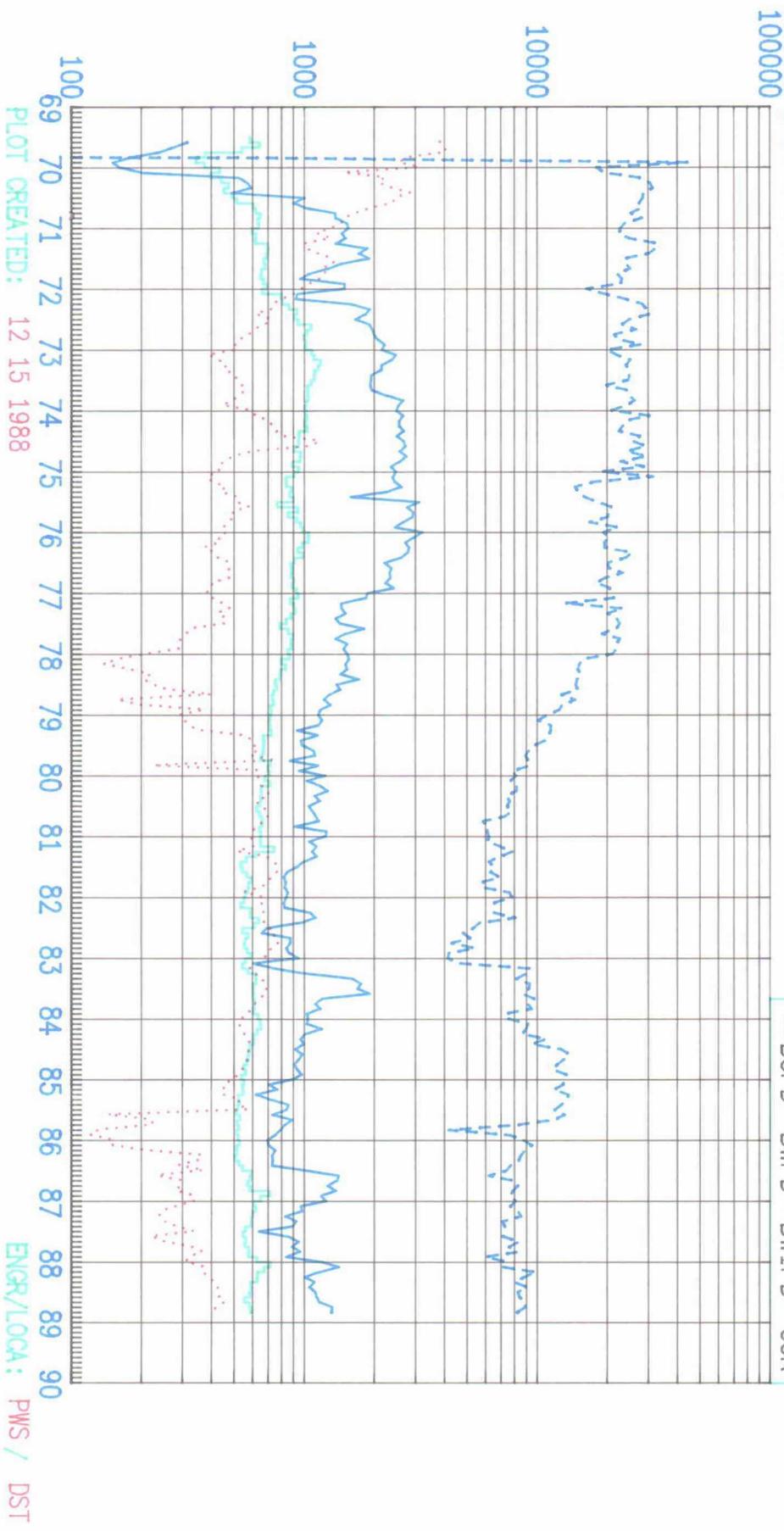
Reading & Bates Petroleum  
3200 Mid-Continent Tower  
Tulsa, Oklahoma 74103

Janet Adair Snowden  
Rt. 1, Box 89-D  
Crawford, Texas 76638

James H. Snowden III  
5025 Lockwood Dr.  
Waco, Texas 76710

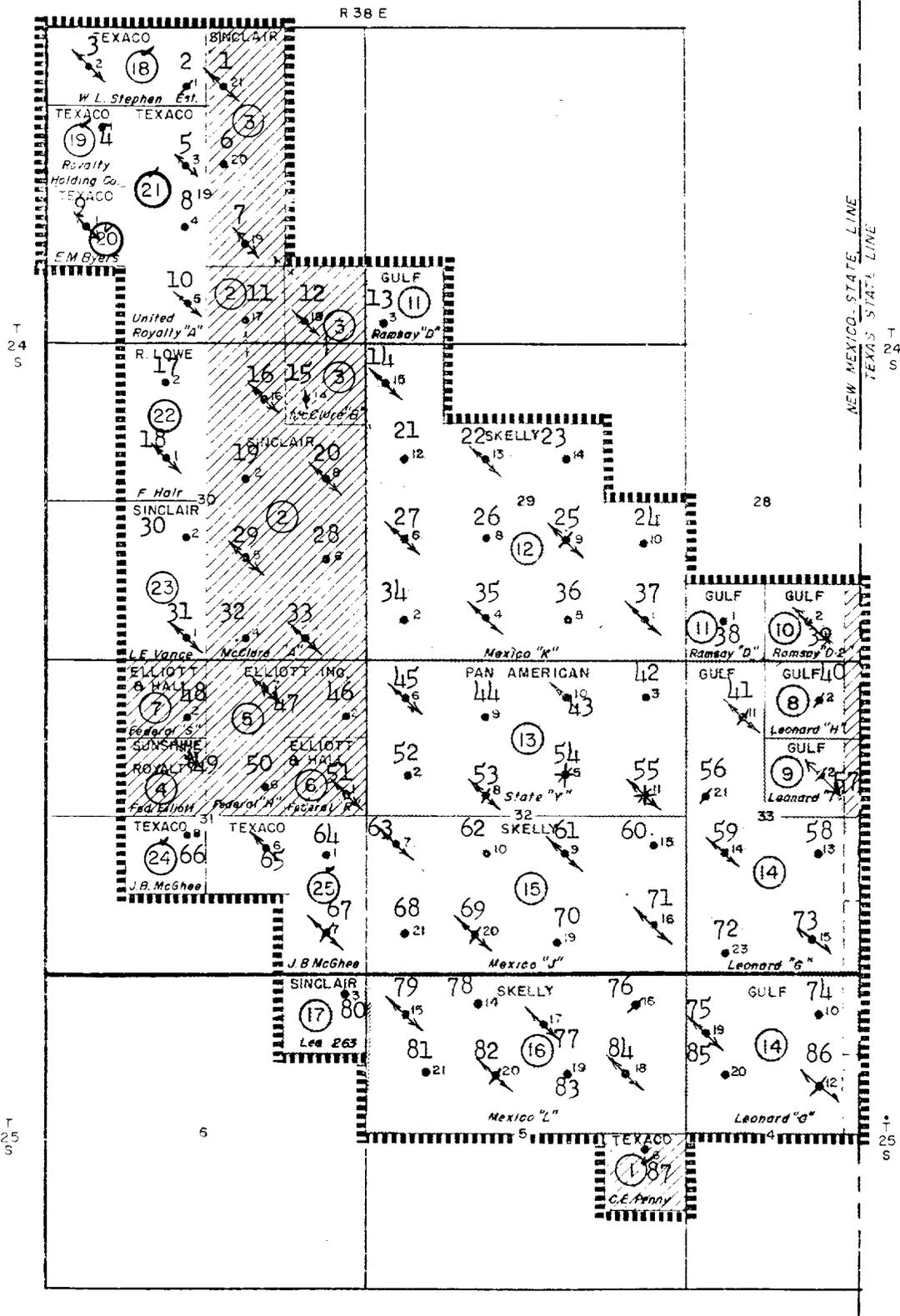
PROPERTY NAME: WEST DOLLARHIDE DRINKARD UNIT  
 FIELD NAME: DOLLARHIDE, W. DRINKARD  
 OPERATOR NAME: TEXACO INC.  
 PRODUCING WELLS: 34

LAST 6 MONTHS GOR: 425  
 BOPD—BWPD—BWTIPD·GOR

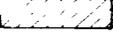
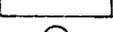


PLOT CREATED: 12 15 1988

ENGR/LOCA: PWS / DST



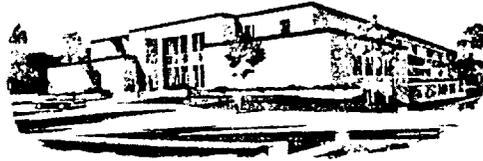
*Legend*

-  UNIT BOUNDARY
-  FEDERAL LANDS
-  STATE LANDS
-  FEE LANDS
-  TRACT NUMBER

JAN 1968

4133

State of New Mexico



Commissioner of Public Lands

W.R. HUMPHRIES  
COMMISSIONER

SLO REF NO 06-709

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

March 24, 1988

Texaco USA  
Attn: Mr. Joe E. King  
P. O. Box 728  
Hobbs, New Mexico 88240

Re: 1988 Plan of Development  
West Dollarhide Drinkard  
Eddy County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved your 1988 Plan of Development for the above captioned unit area.

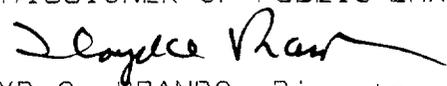
Our approval is subject to like approval by all other appropriate agencies.

Enclosed is an approved copy for your files.

If we may be of further help please do not hesitate to call on us.

Very truly yours,

W. R. HUMPHRIES  
COMMISSIONER OF PUBLIC LANDS

BY:   
FLOYD O. PRANDO, Director  
Oil and Gas Division  
(505) 827-5744

WRH/FOP/pm  
encs.  
cc: OCD  
BLM



March 7, 1988

District Supervisor  
Bureau of Land Management  
Roswell District Office  
P. O. Box 1397  
Roswell, New Mexico 88201

Commissioner of Public Lands  
P. O. Box 1148  
Santa Fe, New Mexico 87504-1148

New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

All Working Interest Owners  
(Address List Attached)

RE: WEST DOLLARHIDE DRINKARD  
SECONDARY RECOVERY UNIT  
LEA COUNTY, NEW MEXICO

Gentlemen:

In accordance with Section II of the Unit Agreement of the Development and Operations of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Texaco Inc. respectfully submits for your approval a report of past operations and a plan of development and operations for the waterflood unit for the year 1988.

PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Full scale flood operations began in September 1969, with an injection of 21,000 BWPD into 35 wells.

Currently the Unit consist of 35 active producers, 37 active injectors, 9 shut-in wells, and 5 plugged and abandoned wells. Cumulative oil production from the Unit since unitization was

Bureau of Land Management,  
Commissioner of Public Lands,  
New Mexico Oil Conservation  
Division, and Working  
Interest Owners

- 2 -

March 7, 1988

4,698,764 barrels through December 1, 1987. The average producing rate per day during November 1987, was 585 barrels of oil, 832 barrels of water and 188 MCF. Cumulative injection through December 1, 1987, was 98,318,447 barrels. The average injection for November 1987, was 5981 BWPD at 1750 psig.

During 1986, two (2) plugged and abandoned wells were re-entered and completed in the Drinkard.

During 1987, two(2) infill wells were drilled. Other workovers included cleanouts, stimulation and repair of casing leaks.

DEVELOPMENT PLANS FOR 1988

Plans for the unit are to drill approximately ten infill wells. Other work will include injection well cleanouts, running liners on selected wells and the possibility of revamping the central battery plant.

Yours very truly,



PWS:jss

Attachments

W. DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO

N. L. Baroid  
Attn: H. L. Richardson  
P. O. Box 1675  
Houston, Texas 77251

Featherstone Farms LTD  
1717 W. Second Street  
Roswell, New Mexico 88201

Joseph D. Kennedy  
Marilyn Maxwell Trust  
P. O. Drawer 532  
Stephenville, Texas 76401

Elliott Oil Company  
P. O. Box 1355  
Roswell, New Mexico 88201

Amoco Production Company  
P. O. Box 68  
Hobbs, New Mexico 88240

Mr. Fred J. Brotherton  
P. O. Box 249  
Hackensack, N.J. 07602

Amoco Production Company  
Attn: R. A. Sheppard  
P. O. Box 3092  
Houston, Texas 77253

Meridian Oil  
Attn: Joint Operations  
21 Desta Drive  
Midland, Texas 79705

Maralo, Inc.  
P. O. Box 832  
Midland, Texas 79702

Chevron U.S.A. Inc.  
Attn: J. C. Prindle  
P. O. Box 670  
Hobbs, New Mexico 88240

Miss Aileen Gardner  
5036 Lake Shore Drive  
Waco, Texas 76701

Edna Delyte Layton  
10421 Bassoon  
Houston, Texas 77025

Hondo Oil & Gas Company  
Attn: Bernard Mahoney, Jr.  
P. O. Box 2208  
Roswell, New Mexico 88201

Mr. Elton M. Hyder, Jr.  
Attorney at Law  
Suite 1918 Commerce Bldg.  
Fort Worth, Texas 76102

Mrs. E. W. Knowles  
P. O. Box 285  
Roswell, New Mexico 88201

Mr. W. E. Irwin  
1213 Roaring Spring Road  
Fort Worth, Texas 76114

Ms. Rubie C. Bell  
1331 Third Street  
New Orleans, LA 70130

Mr. George A. Meihaus, Jr.  
P. O. Box 400  
Arlington, Texas 76010

Gus Layton Estate 08-2235  
First Republic Bank Ft. Worth  
P. O. Box 2260  
Fort Worth, Texas 76113

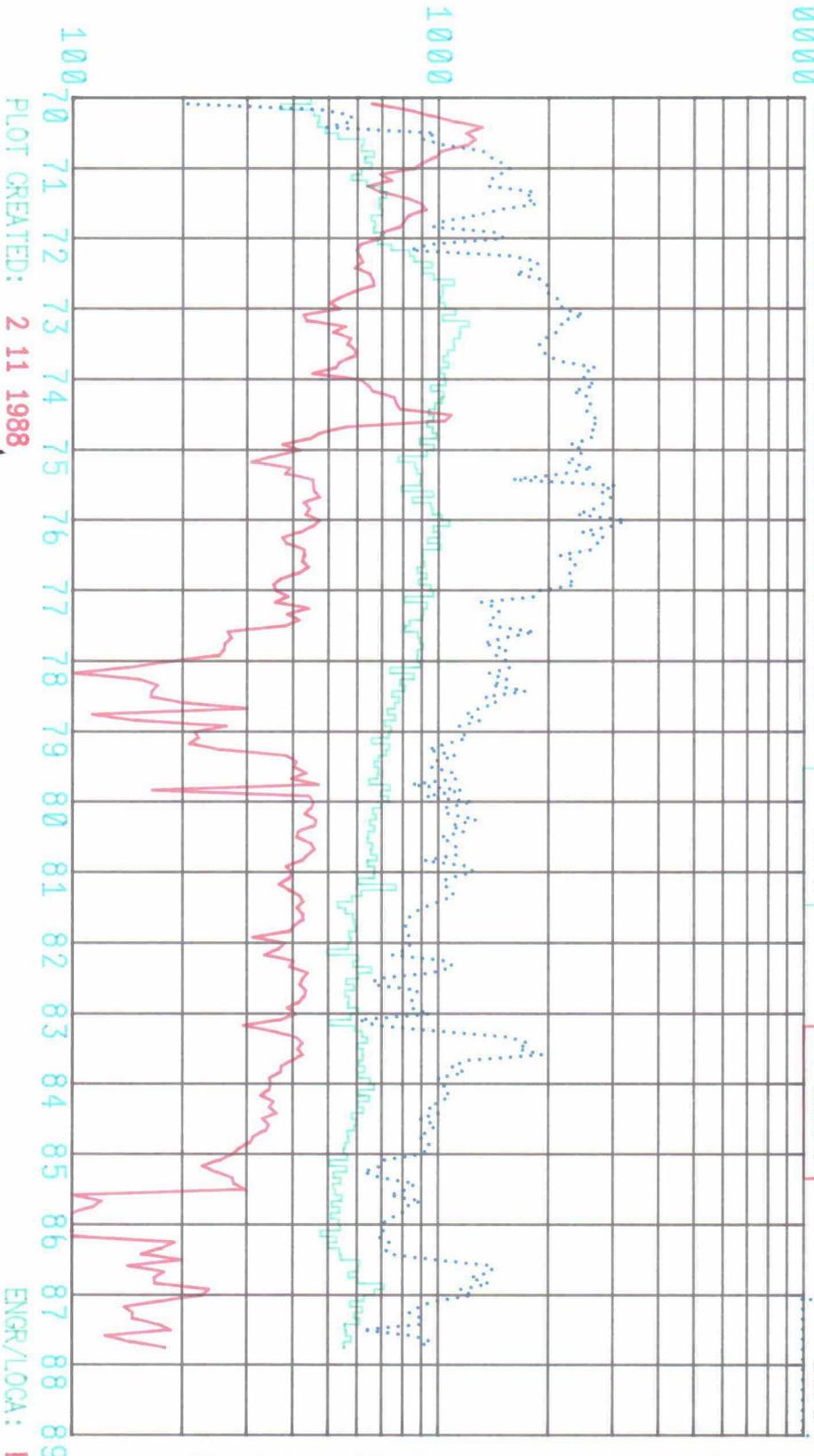
Reading & Bates Petroleum  
3200 Mid-Continent Tower  
Tulsa, Oklahoma 74103

Janet Adair Snowden  
Rt. 1, Box 89-D  
Crawford, Texas 76638

James H. Snowden III  
5025 Lockwood Dr.  
Waco, Texas 76710

PROPERTY NAME: WEST DOLLARHIDE DRINKARD UNIT  
 FIELD NAME: DOLLARHIDE TUBB DRINKARD  
 OPERATOR NAME: TEXACO PRODUCING CO.  
 PRODUCING WELLS YTD: 36

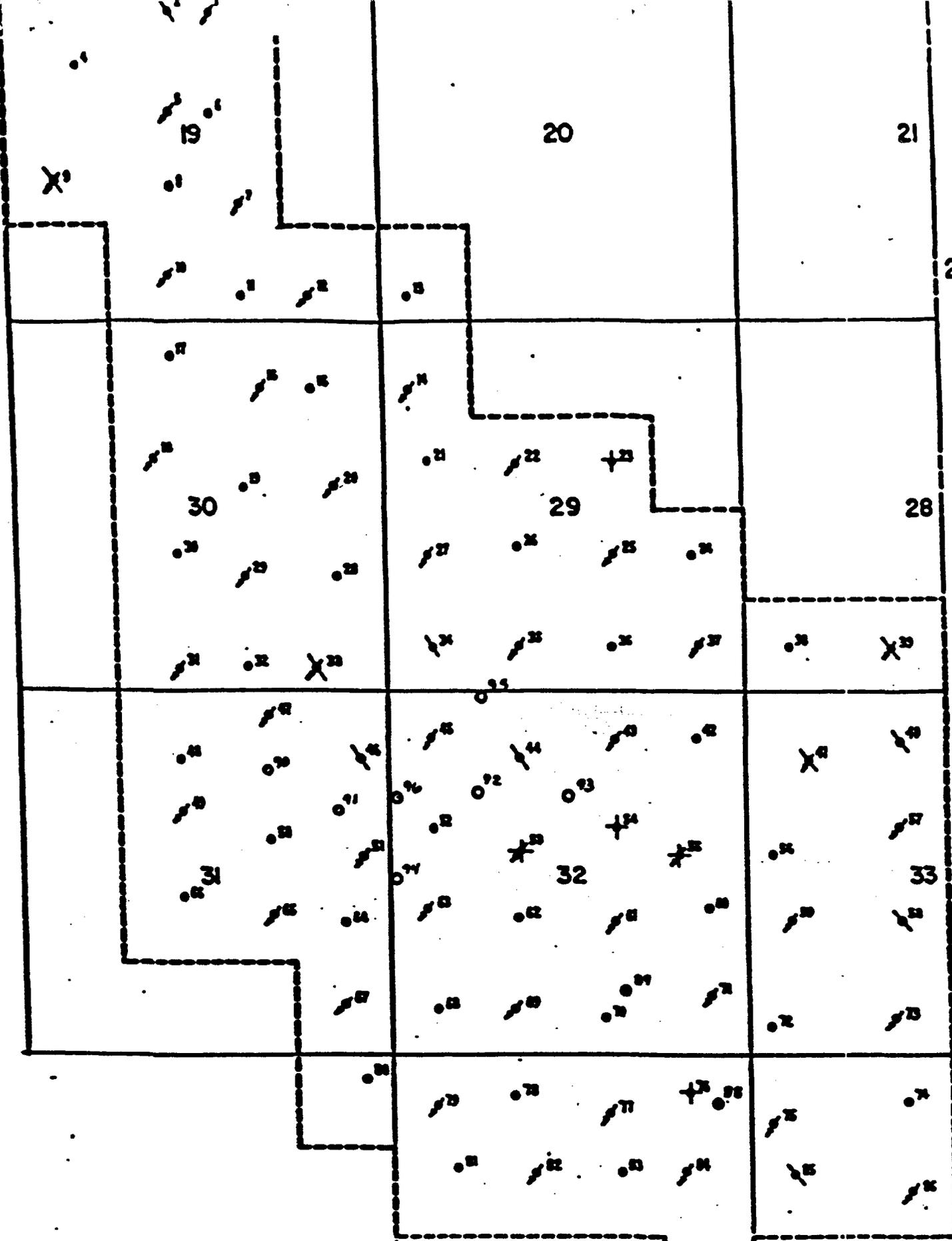
LAST 6 MONTHS GOR / BPMM: 274.2 / 3648.27  
 — BOPD  
 — MCFFPD  
 — BWPPD



1-1-87 CUMULATIVES:	1986 PRODUCTION:
OIL : 12062.349 MBBL	OIL : 210720 BBL
GAS : 15496.878 MMCF	GAS : 61499 MCF
WAT : 9087.395 MBBL	WAT : 379933 BBL

PLOT CREATED: 2 11 1988

ENGR/LOCA: PWS / HBS



WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'



# SKELLY OIL COMPANY

P. O. BOX 1650

TULSA, OKLAHOMA 74102

June 11, 1969

MAIN OFFICE  
'69 JUN 13 AM 8 34

4/13

**PRODUCTION DEPARTMENT**

C. L. BLACKSHER, VICE PRESIDENT

W. P. WHITMORE, MGR. PRODUCTION  
GEORGE W. SELINGER, MGR. CONSERVATION  
D. E. SMITH, MGR. TECHNICAL SERVICES  
J. R. TEEL, MGR. JOINT OPERATIONS

File: West Dollarhide Drinkard Unit  
Lea County, New Mexico

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Gentlemen:

In accordance with paragraph 3 of New Mexico Oil Conservation Commission Order No. R-3764, we are furnishing you herewith one copy of the West Dollarhide Drinkard Unit Agreement, executed for Skelly Oil Company, unit operator.

Very truly yours,

*V. E. Fletcher*  
for V. E. Fletcher  
Chairman, Working Interest  
Owners' Committee  
West Dollarhide Drinkard Unit

FDM:bls  
Attach. (1)





# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Box 1397, Roswell, New Mexico - 88201

APR 1 1984

O/S

West Dollarhide  
Drinkard Unit

March 30, 1984

# 4133

Getty Oil Company  
Attention Mr. W. A. Frnka  
P.O. Box 730  
Hobbs, New Mexico 88240

Gentlemen:

Enclosed is an approved copy of your 1984 Plan of Development and Operation for the West Dollarhide Drinkard Unit Area, Lea County, New Mexico covering the period beginning January 1, 1984 and ending December 31, 1984. This plan, proposing evaluating nine injection wells for isolation into lower Drinkard, evaluating Mexico L No. 2 well for recompletion into Drinkard pay and evaluating three NIO producers for restimulation during 1984, was approved this date, subject to like approval by the New Mexico Commissioner of Public Lands and the New Mexico Oil Conservation Division.

Sincerely yours,

*S/ Richard Bastin*

~~Associate~~

District Manager

Enclosure: (1)

cc: Commissioner of Public Lands, Santa Fe  
NMOCD, Santa Fe

# 4133

State of New Mexico



JIM BACA  
COMMISSIONER

Commissioner of Public Lands

April 9, 1984

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148  
Express Mail Delivery Uses  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87501

Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico

ATTENTION: Mr. W. A. Frnka

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Plan of Development for the West Dollarhide Drinkard Unit, Lea County, New Mexico. Such plan proposes to evaluate nine injection wells for isolation into lower Drinkard pay, evaluating the Mexico L No. 2 for recompletion into the Drinkard pay and evaluating three NIO producers for restimulation. Our approval is subject to like approval by the Bureau of Land Management and the New Mexico Oil Conservation Division.

Enclosed is an approved copy of your plan of development for your files.

Very truly yours,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505/827-5744

JB/RDG/pm  
encls.

cc:           OCD-Santa Fe, New Mexico  
              BLM-Albuquerque, New Mexico  
              BLM-Roswell, New Mexico

# 4133

State of New Mexico



JIM BACA  
COMMISSIONER

Commissioner of Public Lands

February 3, 1983

P.O. BOX 1148  
SANTA FE, NEW MEXICO 87504-1148

Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico  
1983 Plan of Development

ATTENTION: Mr. Dale R. Crockett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1983 Plan of Development for the West Dollarhide Drinkard Unit, Lea County, New Mexico. Such plan proposes that the injection system should be completed by February 1983. Further plans for 1983 include cleaning out and stimulating six producing wells and acidizing five injectors. Also, an injection profile program will begin in late 1983 once the injection system is installed and all remedial work performed. Our approval is subject to like approval by the United States Minerals Management Service and the New Mexico Oil Conservatioid Division.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA  
COMMISSIONER OF PUBLIC LANDS

BY:

FLOYD O. PRANDO, Assistant Director  
Oil and Gas Division  
AC 505/827-5744

JB/FOP/pm  
encls.  
cc:

OCD-Santa Fe, New Mexico  
USMMS-Albuquerque, New Mexico  
Administration

State of New Mexico

4133



Commissioner of Public Lands

ALEX J. ARMIJO  
COMMISSIONER

February 18, 1981

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico  
1981 Plan of Development

ATTENTION: Mr. Dale R. Crockett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1981 Plan of Development for the West Dollarhide Drinkard Unit, Lea County, New Mexico. Such plan proposes work operations under Phase I, Phase II and Phase III as discribed in your plan. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:

RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505-827-2748

AJA/RDG/s  
encls.  
cc:

OCD-Santa Fe, New Mexico  
USGS-Roswell, New Mexico  
USGS-Albuquerque, New Mexico

State of New Mexico



Commissioner of Public Lands

March 26, 1980

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

4133  
Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico  
1980 PLAN OF DEVELOPMENT AND  
OPERATION

ATTENTION: Mr. Dale R. Crockett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1980 Plan of Development and Operation for the West Dollarhide Drinkard Unit, Lea County, New Mexico. Such plan proposes workovers on seventy-five wells and repairs and replacement of some equipment. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division  
AC 505-827-2748

AJA/RDG/s  
encls.  
cc:

OCD-Santa Fe, New Mexico ✓  
USGS-Roswell, New Mexico  
USGS-Albuquerque, New Mexico



# United States Department of the Interior

GEOLOGICAL SURVEY

P. O. Box 26124  
Albuquerque, New Mexico 87125

DEC 01 1978

Getty Oil Company  
Attention: Audra B. Cary  
P. O. Box 730  
Hobbs, New Mexico 88240

*No. 4133*

Gentlemen:

One approved copy of your 1979 plan of development for the West Dollarhide Drinkard unit area, Lea County, New Mexico, is enclosed.

Such plan, proposing to complete all wells in the Lower Drinkard formation and to recement wells that are not cemented across the Queen formation, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

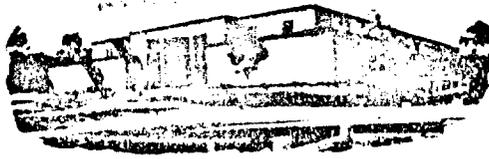
(ORIG. SGD.) JAMES W. SUTHERLAND

Oil and Gas Supervisor, SRMA

## Enclosure

cc:  
NMOCD, Santa Fe (ltr. only) ← *This copy for*  
Com. Pub. Lands, Santa Fe (ltr. only)

State of New Mexico



Commissioner of Public Lands

November 15, 1978

PHIL R. LUCERO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

Getty Oil Company  
P. O. Box 1231  
Midland, Texas 79702

no. 41 33

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico  
PLAN OF DEVELOPMENT FOR 1979

ATTENTION: Audra B. Cary

Gentlemen:

The Commissioner of Public Lands has this date approved your Plan of Development for 1979, for the West Dollarhide Drinkard Unit, Lea County, New Mexico. Such plan are to continue completing all wells in the Lower Drinkard Formation, also wells which are not cemented across the Queen Formation will also be recemented to help prevent casing failures and Bradenhead pressures. This approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Your Three (\$3.00) Dollar filing fee has been received.

Very truly yours,

PHIL R. LUCERO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division

PRL/RDG/s  
encl.  
cc:

OCD-Santa Fe, New Mexico ✓  
USGS-Roswell, New Mexico  
USGS-Albuquerque, New Mexico

MAR 28 1982  
OIL CONSERVATION DIVISION  
SANTA FE

MAR 22 1982

Getty Oil Company  
Attention: Dale R. Crockett  
P. O. Box 730  
Hobbs, New Mexico 88240

Gentlemen:

An approved copy of your 1982 Plan of Development for the West Dollarhide Drinkard unit area, Lea County, New Mexico is enclosed. Such plan, proposing to place 3 NIO wells on production and acidize or fracture 5 marginal producers in the unit, replacing 75,000 feet of injection line, and resizing injection pumps, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

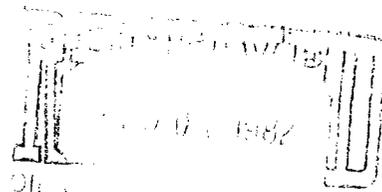
(ORIG. SGD.) JAMES W. SHELTON

FOR Gene F. Daniel  
Deputy Minerals Manager  
Oil and Gas

Enclosure

cc:  
Comm of Public Lands, Santa Fe  
NMOCD, Santa Fe  
DS, Roswell (w/encl)

State of New Mexico



ALEX J. ARMIJO  
COMMISSIONER

Commissioner of Public Lands

February 1, 1982

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico  
1982 Plan of Development

4133

ATTENTION: Mr. Dale R. Crockett

Gentlemen:

The Commissioner of Public Lands has this date approved your 1982 Plan of Development for the West Dollarhide Drinkard Unit, Lea County, New Mexico. Such plan proposes an evaluation of the injection system for possible upgrading and replacement of 75,000 feet of injection line along with resizing the injection pumps. Further plans call for placing three NIO wells on production and acidize or fracture five marginal producers in the unit. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Division.

Enclosed is one approved copy for your files.

Your filing fee in the amount of Three (\$3.00) Dollars has been received.

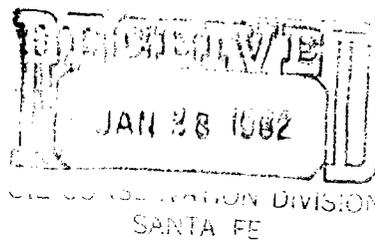
Very truly yours,

ALEX J. ARMIJO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director,  
Oil and Gas Division  
AC 505/827-2748

AJA/RDG/pm  
encls.

cc: OCD-Santa Fe, New Mexico  
USGS-Albuquerque, New Mexico ✓



Getty Oil Company |

Central Exploration and Production Division  
P.O. Box 730  
Hobbs, New Mexico 88240

January 19, 1982

File: West Dollarhide Drinkard Unit  
Lease No. 314106  
Lea County, New Mexico

Director (3)  
United States Geological Survey  
P.O. Box Drawer 1857  
Roswell, New Mexico 88210

Commissioner of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Division  
of the State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section II of the Unit Agreement of the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Getty Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1982.

#### PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Thirty-five (35) wells were converted to injection in September, 1969 with an initial injection rate of approximately 21,000 BWPD.

The current injection rate into the units (38) active injectors is approximately 5750 BWPD at 1600 psi. Cumulative injection through November 1, 1981 was 82,547,493 barrels. The unit started experiencing water breakthrough problems in 1971. A major workover program, started in late 1979, is nearing completion. Forty-seven (47) wells were worked over in order to isolate injection to the Lower Drinkard. Also, four test satellites were completely replaced during August, 1981.

Cumulative oil production from the unit since unitization was 3,568,697 barrels as of November 1, 1981. The average daily producing rate during October, 1981 was (590) barrels of oil and barrels of water.

DEVELOPMENT PLANS FOR 1982

The injection system is being evaluated for possible upgrading. We anticipate replacement of approximately 75,000 feet of injection line and resizing the injection pumps.

Further plans for 1982 include placing three NIO wells on production and acidize or fracture five marginal producers in the unit.

Very truly yours,

GETTY OIL COMPANY



Dale R. Crockett  
Area Superintendent

JIM/ly

Attachments

R-38-E

FIGURE 1

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO

SCALE: 1" - 2000'

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MEXICO

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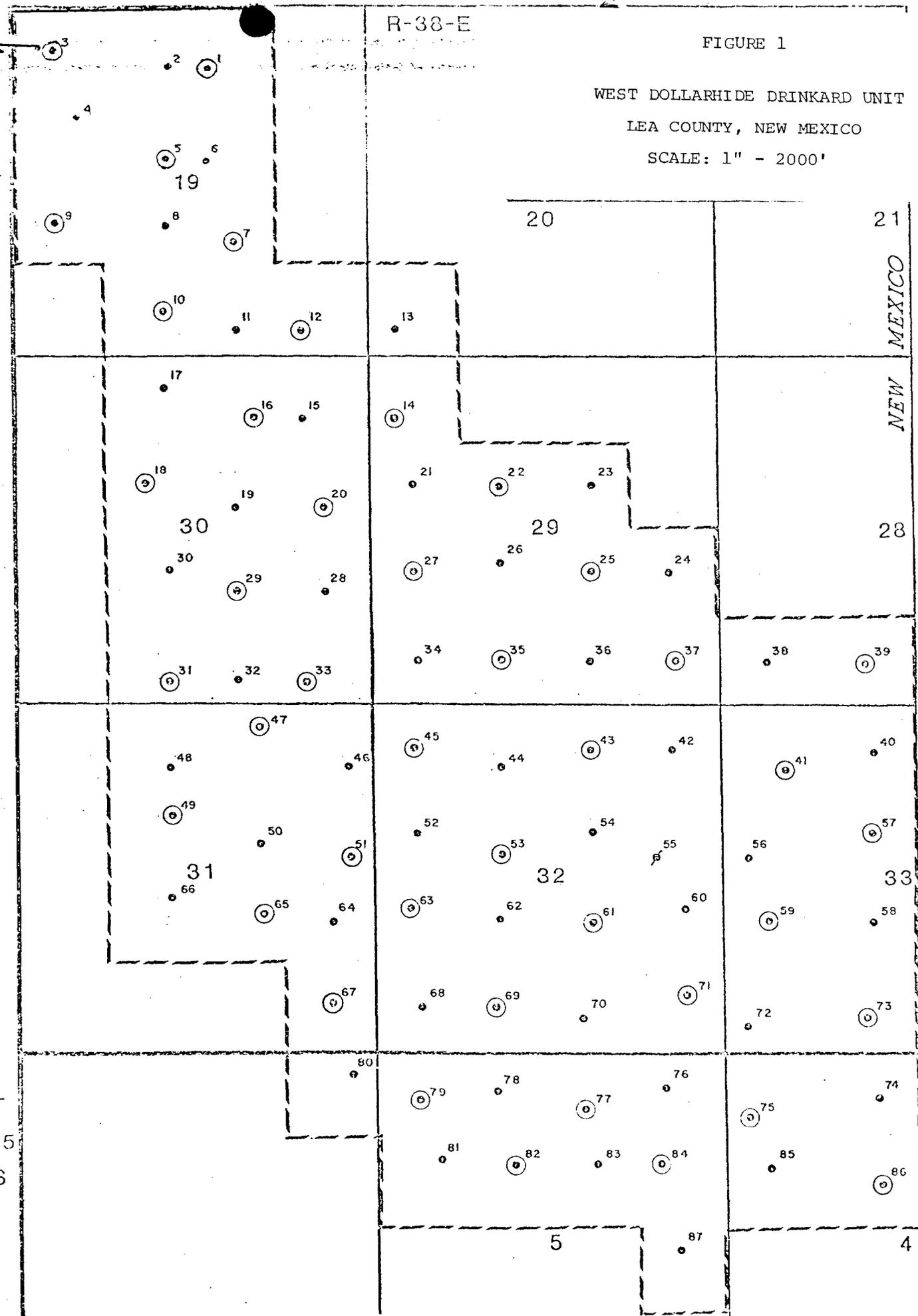
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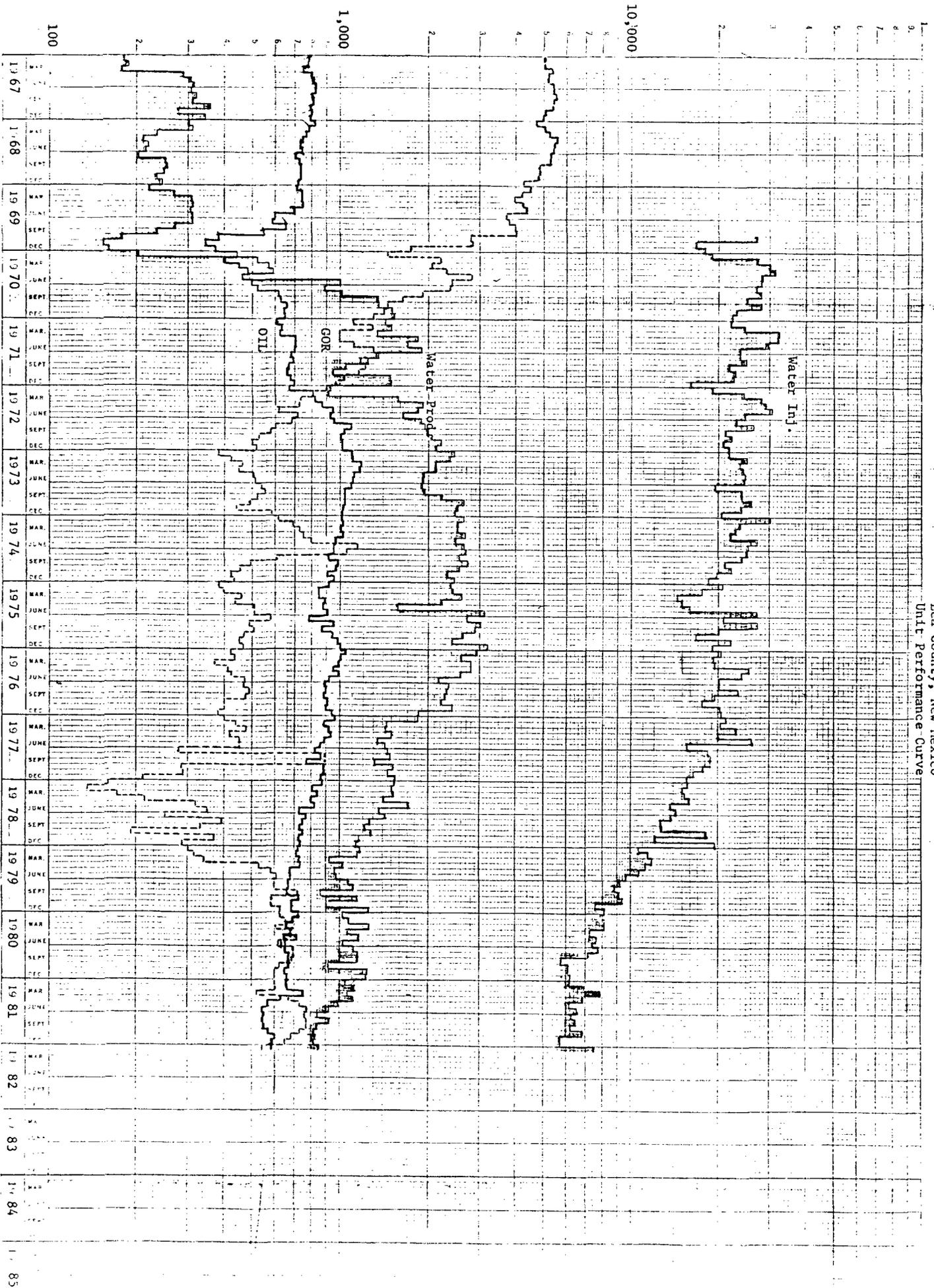
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Oil and Water Production (BBL/Day), Gas-Oil Ratio (SCF/BBL), Water Injection (BBL/Day)



West Dollarhide Drinkard Unit  
 West Dollarhide Drinkard Field  
 Lea County, New Mexico  
 Unit Performance Curve

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

February 20, 1981

Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Attention: Dale R. Crockett

Re: Case No. 4133  
West Dollarhide Drinkard Unit  
1981 Plan of Development and  
Operation

Gentlemen:

We hereby approve the 1981 Plan of Development and Operation for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Plan of Development are returned herewith.

Yours very truly,

JOE D. RAMEY  
Director

JDR/EP/fd  
enc.

cc: U.S.G.S. - Albuquerque  
Commissioner of Public Lands

C

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P

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RECEIVED  
FEB 10 1981  
C. C. ...

Getty Oil Company |

Central Exploration and Production Division  
P. O. Box 730  
Hobbs, New Mexico 88240

February 6, 1981

*Hotz*  
*4133*

File: West Dollarhide Drinkard Unit  
Lease No. 314106  
Lea County, New Mexico

Director (3)  
United States Geological Survey  
P. O. Drawer 1857  
Roswell, New Mexico 88210

Commissioner of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Division  
of the State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Getty Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1981.

PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversion. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500 by November 1, 1969. Cumulative injection to November 1, 1980 was 79,969,030 barrels. The daily average injection rate for October, 1980 was 6,173 BWPD at 1600 psig. Water breakthrough problems were encountered in the eastern two-thirds of the unit in 1971. Temperature and profile surveys indicated the lower portion of the Abo zone was the principal contributor, with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on twenty-five (25) injection wells in 1972 helped correct the injection interval for flood of the main Drinkard and Upper Abo intervals in this area. In 1978, further analysis of injection profiles and production logs led to the conclusion that the Upper Abo does not appear to

have any secondary potential either. Therefore, the only floodable zone is the lower Drinkard. Workovers begun in 1978 to recement the casing and isolate in the lower Drinkard formation will be completed on twenty-one wells in late 1979.

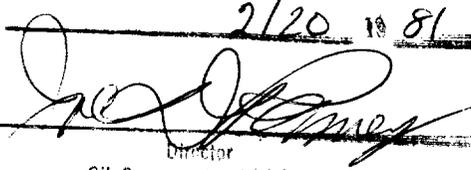
Cumulative oil production from the Unit Area since unitization was 3,362,032 barrels on November 30, 1980. The average daily producing rate during October, 1980 was 670 barrels of oil. Operations were begun in October, 1969, and completed in early 1970 to consolidate producing facilities and install four well test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23 where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

Work on the 23-well AFE was started in September 1980. To date, eight wells have been worked over. Workovers involved circulating cement over the Queen formation, plugging back the Abo and Tubb formations, and acidizing the Drinkard formation.

DEVELOPMENT PLANS FOR 1981

A major workover program was approved July 8, 1980. Phase I of this program which is currently in progress will modify and replace four test satellites on the unit. Phase II of the program consists of plugging back the Abo and Tubb formations both of which are non-responsive to waterflooding and acidizing the Drinkard formation. There are 23 wells included in this phase, eight of which have already been completed. Phase III is to run liners in ten producers and three injectors, and Phase IV will replace tubing in three producers and run plastic coated tubing in six injection wells.

When these workovers are nearing completion, two injection engines will be repaired, along with replacing deteriorated injection lines and flow lines.

APPROVED 2/20 1981  
  
Director  
Oil Conservation Division  
Energy and Minerals Department

Very truly yours,

GETTY OIL COMPANY

  
Dale R. Crockett  
Area Superintendent

JM/ly

R-38-E

FIGURE 1

WEST DOLLARWIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO  
SCALE: 1"=2000'

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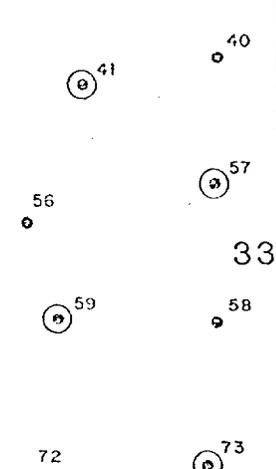
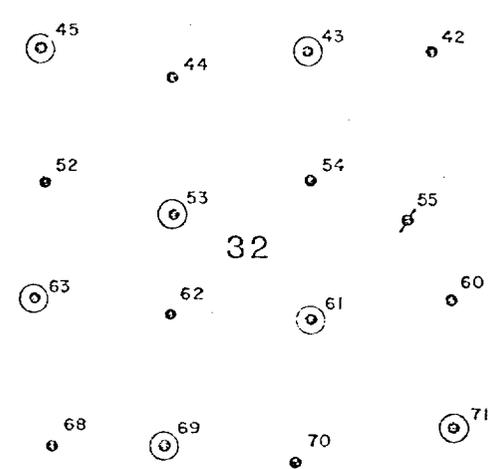
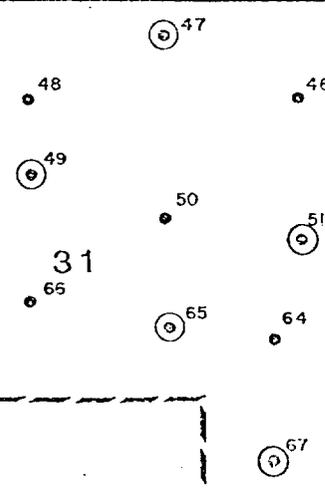
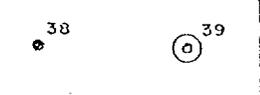
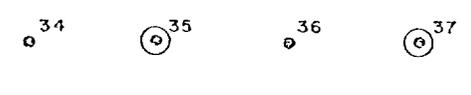
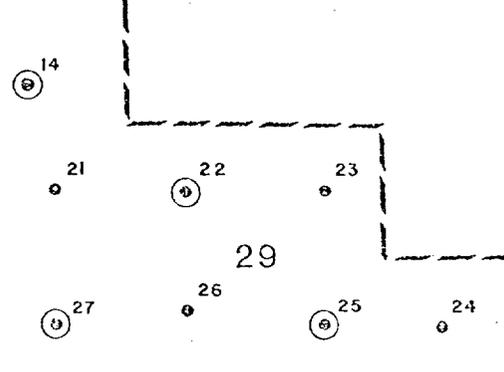
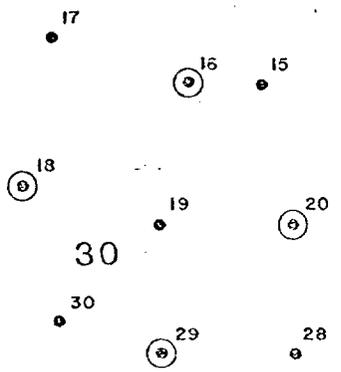
21

MEXICO

NEW

TEXAS

28

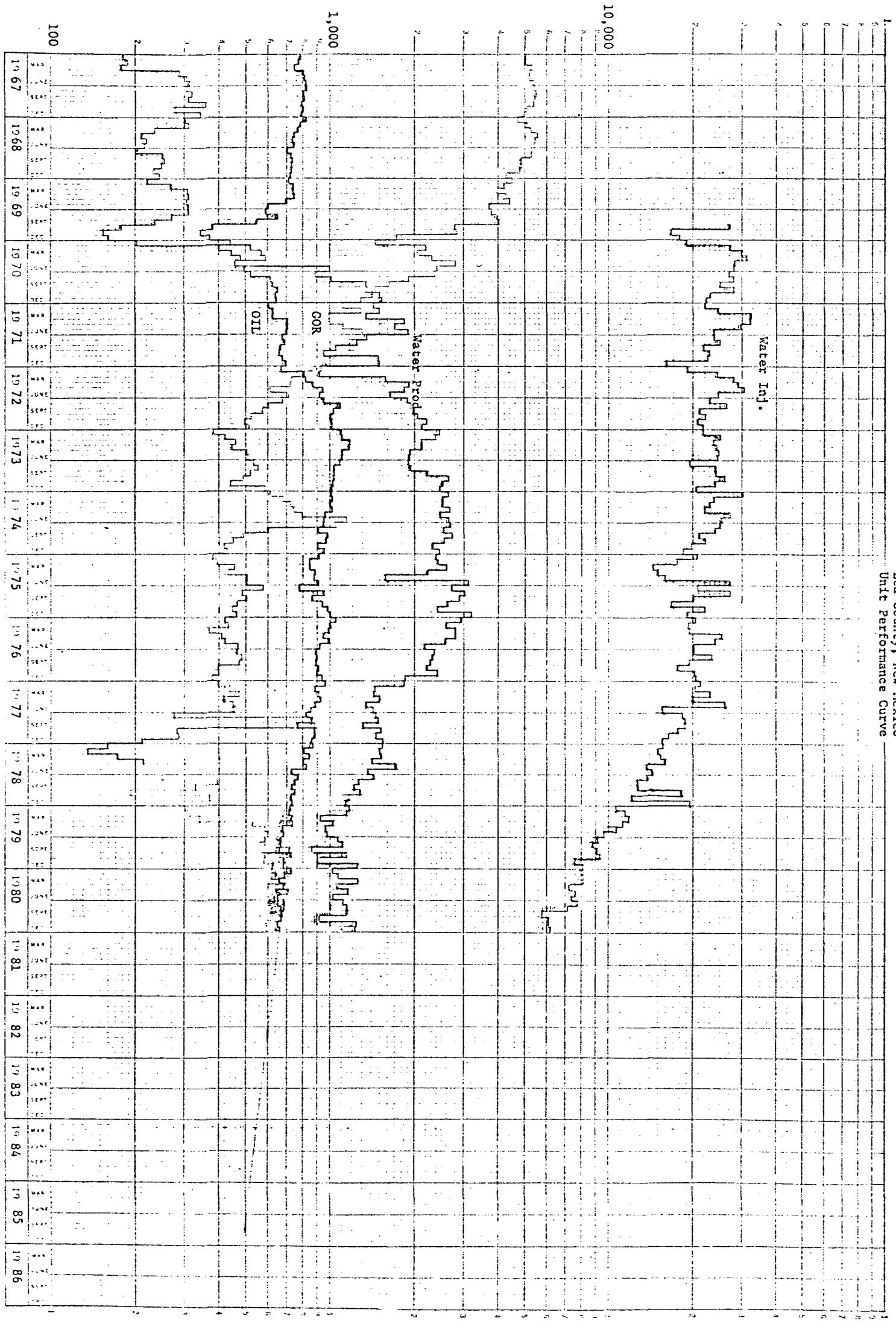


T  
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4

Oil and Water Production (BBL/Day), Gas-Oil Ratio (SCF/BBL), Water Injection (BBL/Day)



West Dollardhide Drinkard Unit  
 West Dollardhide Drinkard Field  
 Lea County, New Mexico  
 Unit Performance Curve

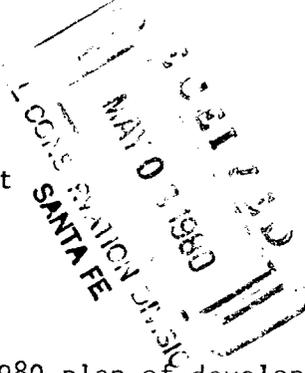


# United States Department of the Interior

GEOLOGICAL SURVEY  
South Central Region  
P. O. Box 26124  
Albuquerque, New Mexico 87125

MAY 07 1980

Getty Oil Company  
Attention: Dale R. Crockett  
P. O. Box 730  
Hobbs, New Mexico 88240



4133

Gentlemen:

One approved copy of your 1980 plan of development for the West Dollarhide Drinkard unit area, Lea County, New Mexico, is enclosed. Such plan, proposing a major workover program on 75 wells and repairs and replacement of equipment as needed, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico, and is contingent upon your submitting a copy of your workover plan to the District Supervisor, Roswell, New Mexico.

Sincerely yours,

(ORIG. SGD.) JACK WILLOCK

FOR Floyd L. Stelzer  
Acting Deputy Conservation Manager  
Oil and Gas

Enclosure

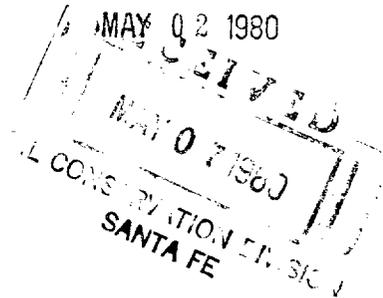
cc:  
NMOCD, Santa Fe



# United States Department of the Interior

GEOLOGICAL SURVEY  
South Central Region  
P. O. Box 26124  
Albuquerque, New Mexico 87125

Getty Oil Company  
Attention: Dale R. Crockett  
P. O. Box 730  
Hobbs, New Mexico 88240



Gentlemen:

One approved copy of your 1980 plan of development for the West Dollarhide Queen Sand unit area, Lea County, New Mexico, is enclosed. Such plan, proposing to install larger pumps in wells where it is necessary and hold expenses to a minimum, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SCD.) JACK WILLOCK

Jack Willock  
Acting Deputy Conservation Manager,  
Oil and Gas

Enclosure

cc:  
NMOCD, Santa Fe

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

July 9, 1980

Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Attention: Dale R. Crockett

Re: Case No. 4133  
West Dollarhide Drinkard Unit  
1980 Plan of Development and  
Operation

Gentlemen:

We hereby approve the 1980 Plan of Development and Operation for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Plan are returned herewith.

Yours very truly,

JOE D. RAMLEY  
Director

JDR/EP/fd  
enc.

cc: U.S.G.S. - Roswell  
Commissioner of Public Lands

C

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Getty Oil Company

Central Exploration and Production Division  
P. O. Box 730  
Hobbs, New Mexico 88240

November 30, 1979

File: West Dollarhide Drinkard Unit  
Lease No. 314136  
Lea County, New Mexico

SANTA FE  
Director (3)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88210

Commissioner of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Division  
of The State of New Mexico  
Capital Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Getty Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1980.

PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversion. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500 by November 1, 1969. Cumulative injection to November 1, 1979 was 77,250,612 barrels. The daily average injection rate for October, 1979, was 9,277 BWPD at 1600 psig. Water breakthrough problems were encountered in the eastern two-thirds of the unit in 1971. Temperature and profile surveys indicated the lower portion of the Abo zone was the principal contributor, with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on twenty-five (25) injection wells in 1972 helped correct the injection interval for flood of the main Drinkard and Upper Abo intervals in this area. In 1978, further analysis of injection profiles and

November 30, 1979

production logs led to the conclusion that the Upper Abo does not appear to have any secondary potential either. Therefore, the only floodable zone is the lower Drinkard. Workovers begun in 1978 to recement the casing and isolate in the lower Drinkard formation will be completed on twenty-one wells in late 1979.

Cumulative oil production from the Unit Area since unitization was 3,139,745 barrels on November 1, 1979. The average daily producing rate during October, 1979 was 723 barrels of oil. Operations were begun in October, 1969, and completed in early 1970 to consolidate producing facilities and install four well test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23 where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

DEVELOPMENT PLANS FOR 1980

A recently completed study recommends a major workover program. It proposes workovers on seventy-five wells and repairs and replacement of some equipment. This report will be submitted to the working interest owners in the near future and work will be started in 1980 as soon as approval is secured.

Very truly yours,

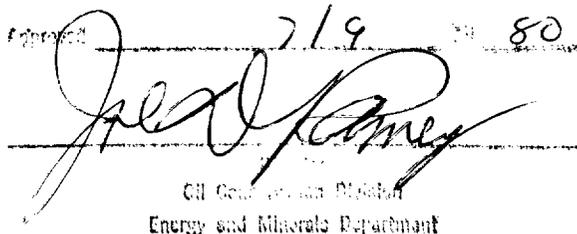
GETTY OIL COMPANY



Dale R. Crockett  
Area Superintendent

ELB/de

Attachments

719 80  
  
Oil Conservation Division  
Energy and Minerals Department

R-38-E

FIGURE 1

WEST HOLLYWOOD PLANTATION

UNITED STATES DEPARTMENT OF AGRICULTURE

SCALE: 1"=2000'

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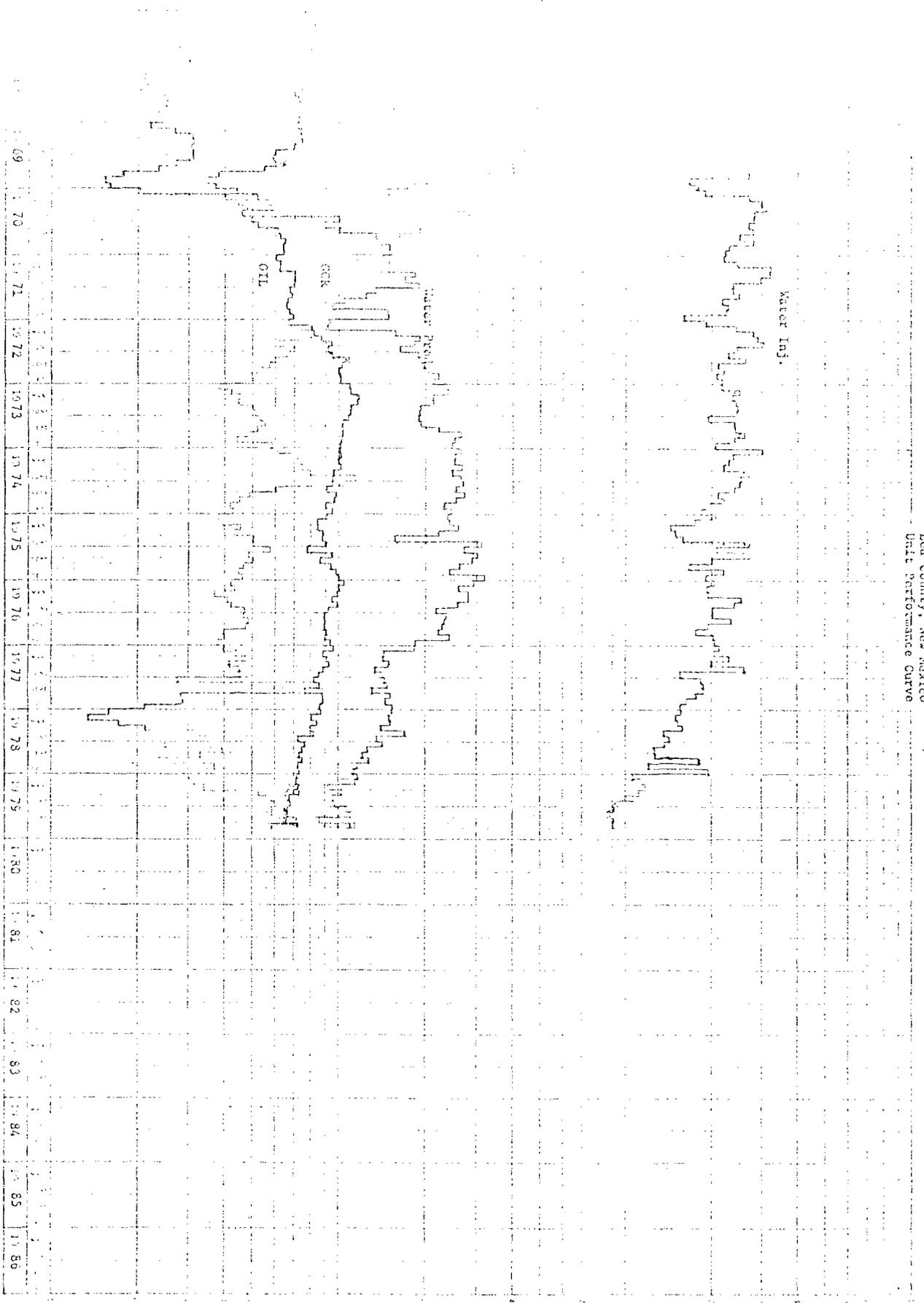
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West Dolanville Drinkard Unit  
West Dolanville Drinkard Field  
Lea County, New Mexico  
Unit Performance Curve



OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

December 6, 1978

Getty Oil Company  
P. O. Box 730  
Hobbs, New Mexico 88240

Attention: Audra B. Cary

Re: Case No. 4133  
West Dollarhide  
Drinkard Unit  
1979 Plan of  
Development

Gentlemen:

We hereby approve the 1979 Plan of Development for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Plan of Development are returned herewith.

Yours very truly,

JOE D. RAMEY  
Director

JDR/LT/fd  
enc.

cc: U.S.G.S. - Roswell  
Commissioner of Public Lands

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Getty Oil Company

NOV 13 1978

Central Exploration and Production Division  
P. O. Box 730  
Hobbs, New Mexico 88240

November 1, 1978

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

Director (3)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88210

Commissioner of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission (3)  
of The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

*no. 4133  
Approve*

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Getty Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1979.

PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversion. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500 by November 1, 1969. Cumulative injection to September 1, 1978 is 72,493,696 barrels. The daily average injection rate for August, 1977, was 12,636 BWPD at 1700 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit in 1971. Temperature and profile surveys indicated the lower portion of the Abo Zone was the principal contributor, with some injection losses in the Upper Drinkard and Tubb Zones. Remedial work on twenty-five (25) injection wells in 1972 helped correct the injection interval for flood of the main Drinkard and Upper

Page 2  
November 1, 1978

Abo intervals in this area. In 1978, further analysis of injection profiles and production logs led to the conclusion that the Upper Abo does not appear to have any secondary potential either. Therefore, the only floodable zone is the Lower Drinkard. One well was recently recompleted in the Lower Drinkard. AFE's have been sent to the Working Interest Owners to recement the casing in 21 other wells and to complete these wells in the Lower Drinkard.

Cumulative oil production from the Unit Area since unitization was 2,837,635 barrels on September 1, 1978. The average daily producing rate during August, 1978, was 749 barrels of oil. Operations were begun in October, 1969, and completed in early 1970 to consolidate producing facilities and install four well test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23 where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

DEVELOPMENT PLANS FOR 1979

In 1979, work to complete all wells in the Lower Drinkard Formation will continue. Wells which are not cemented across the Queen Formation will also be recemented to help prevent casing failures and bradenhead pressures.

Very truly yours,

Getty Oil Company

*Audra B. Cary*  
Audra B. Cary, Chairman  
Working Interest Owners' Committee

ELB/de

Attachments

Approval 12/7 19 78  
*John P. Stoney*  
Director  
Oil Conservation Division  
Energy and Minerals Department

THIS APPROVAL GRANTED SUBJECT TO LIKE APPROVAL  
BEING GRANTED BY THE NEW MEXICO GEOLOGICAL  
SURVEY AND BY THE COMMISSIONERS OF PUBLIC LANDS  
OF THE STATE OF NEW MEXICO.

R-38-E

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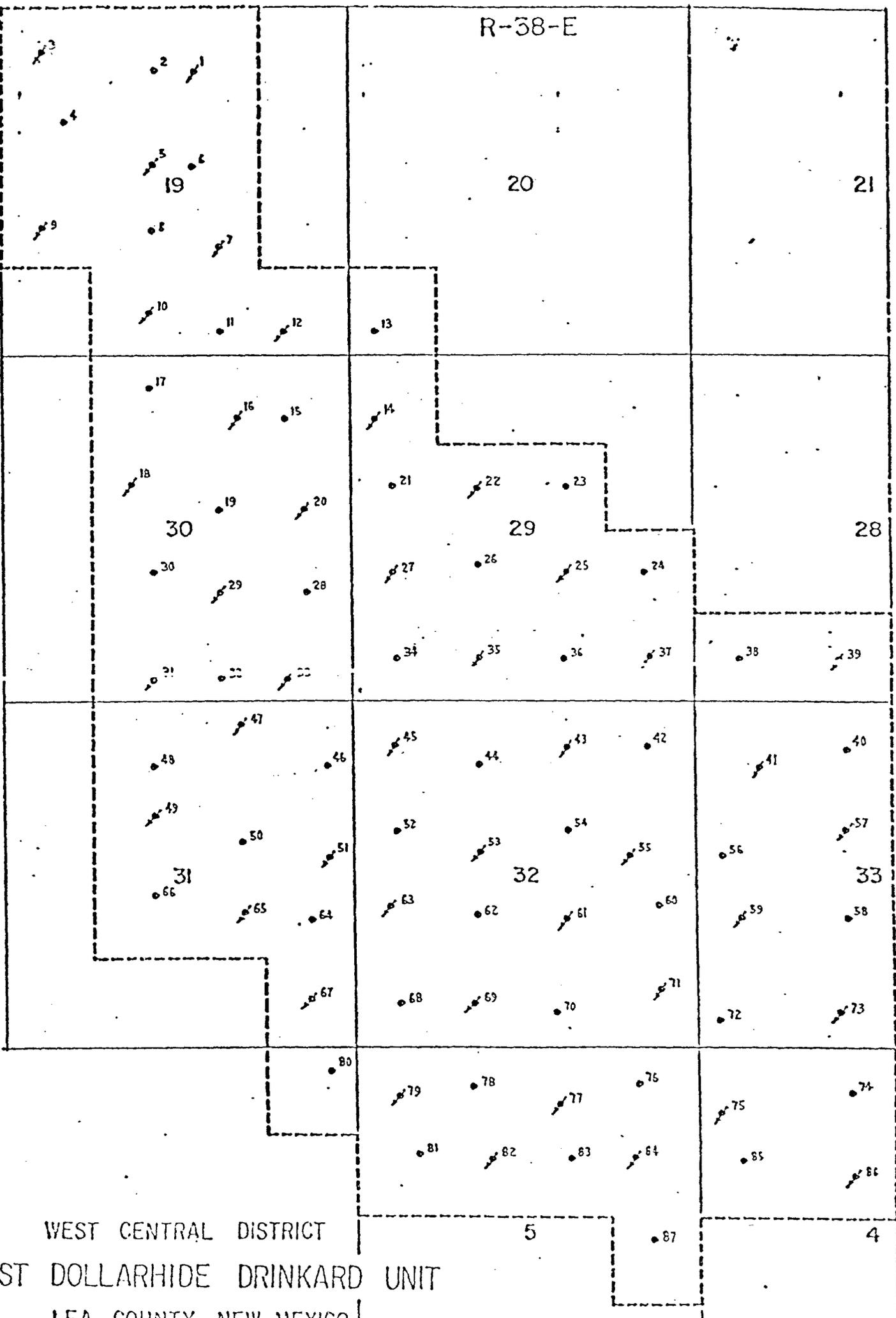
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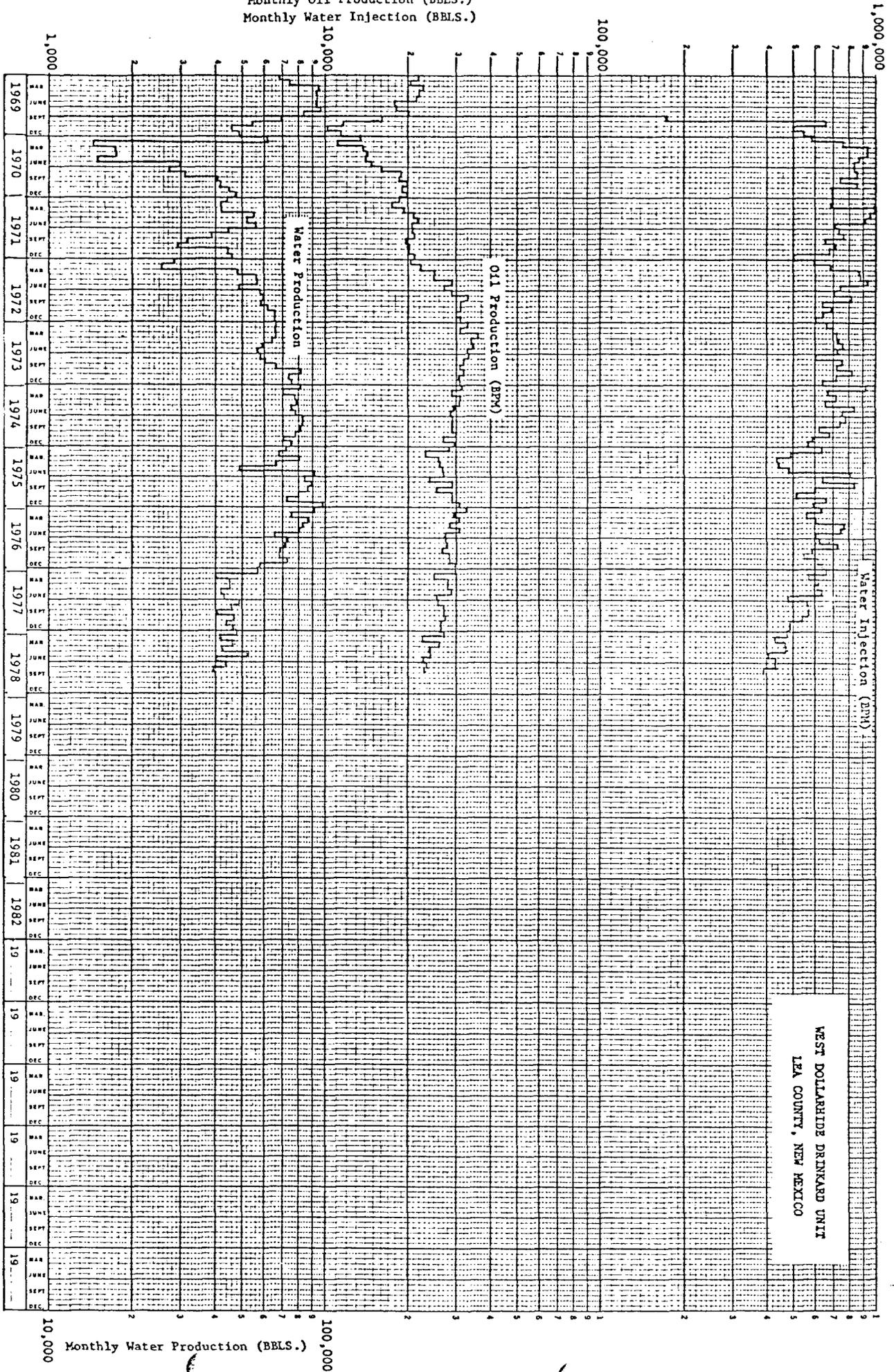
WEST CENTRAL DISTRICT

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO



Monthly Oil Production (BBLs.)  
 Monthly Water Injection (BBLs.)



NOV 29 1977

Conservation Division  
P. O. Box 26124  
Albuquerque, New Mexico 87125

NOV 28 1977

Getty Oil Company  
Attention: Audra B. Cary  
P. O. Box 1404  
Houston, Texas 77001

*70, 4173*

Gentlemen:

One approved copy of your 1977 report of past operations and 1978 plan of development for the West Dollarhide Drinkard Unit area, Lea County, New Mexico, is enclosed.

Such plan, proposing remedial work on injectors to improve profits and on producers to increase oil production, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

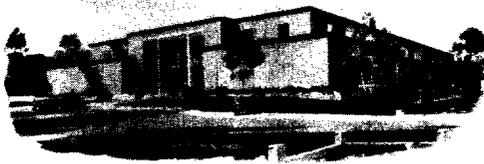
(ORIG. SGD.) JAMES W. SUTHERLAND

JAMES W. SUTHERLAND  
Oil and Gas Supervisor, SRMA

Enclosure

cc:  
New Mexico Oil Conservation Commission, Santa Fe (Letter only)  
Commissioner of Public Lands, Santa Fe (Letter only)

State of New Mexico



Commissioner of Public Lands

PHIL R. LUCERO  
COMMISSIONER

November 18, 1977

P. O. BOX 1148  
SANTA FE, NEW MEXICO 87501

Cetty Oil Company  
P. O. Box 1231  
Midland, Texas 79701

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico  
PLAN OF DEVELOPMENT AND OPERATION  
FOR 1978

ATTENTION: Audra B. Cary

Gentlemen:

The Commissioner of Public Lands has this date approved your Plan of Development and Operation for the West Dollarhide Drinkard Unit, Lea County, New Mexico. Such plans call for remedial work on injectors to improve profiles and on producers to increase oil production. Our approval is subject to like approval by the United States Geological Survey and the New Mexico Oil Conservation Commission.

Enclosed is one approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

PHIL R. LUCERO  
COMMISSIONER OF PUBLIC LANDS

BY:  
RAY D. GRAHAM, Director  
Oil and Gas Division

PRL/RDG/s  
encls.  
cc:

OCC-Santa Fe, New Mexico  
USGS-Roswell, New Mexico  
USGS-Albuquerque, New Mexico

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

November 15, 1977

C  
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Y  
  
Getty Oil Company  
Box 1231  
Midland, Texas 79701

Attention: Audra B. Cary

Re: ✓ Case No. 4133  
West Dollarhide Drinkard Unit  
1978 Plan of Development

Gentlemen:

We hereby approve the 1978 Plan of Development for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands.

Two approved copies of the Plan are returned herewith.

Very truly yours,

JOE D. RAMEY  
Secretary-Director

JDR/LT/fd  
enc.

cc: U.S.G.S. - Roswell  
Commissioner of Public Lands



Getty Oil Company

---

North American Exploration and Production Division

November 1, 1977

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

Director (3)  
United States Geological Survey  
P.O. Box Drawer 1857  
Roswell, New Mexico 88210

Commissioner of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

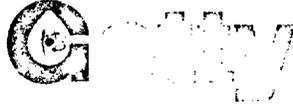
Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Getty Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1978.

#### PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversion. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to September 1, 1977, is 64,634,077 barrels. The daily average injection rate for August 1977, was 18,875 BWPD at 1700 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit in 1971. Temperature and profile surveys indicated the lower portion of the Abo Zone was the principal contributor; with some injection losses in the Upper Drinkard and Tubb Zones. Remedial work on twenty-five (25) injection wells in 1972 helped correct the injection interval for flood of the main Drinkard and Upper Abo intervals in this area. Control of injected water has been a continuing problem and remedial action is under study.



Getty Oil Company

North American Exploration and Production Division

November 1, 1977

Cumulative oil production from the Unit Area since unitization was 2,534,723 barrels on September 1, 1977. The average daily producing rate during August 1977, was 867 barrels of oil. Operations were begun in October, 1969, and completed in early 1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

DEVELOPMENT PLANS FOR 1978

In 1978 remedial work is planned on injectors to improve profiles and on producers to increase oil production.

Very truly yours,

Getty Oil Company

Audra B. Cary, Chairman  
Working Interest Owners' Committee

Approved ..... 11/15 ..... 1977

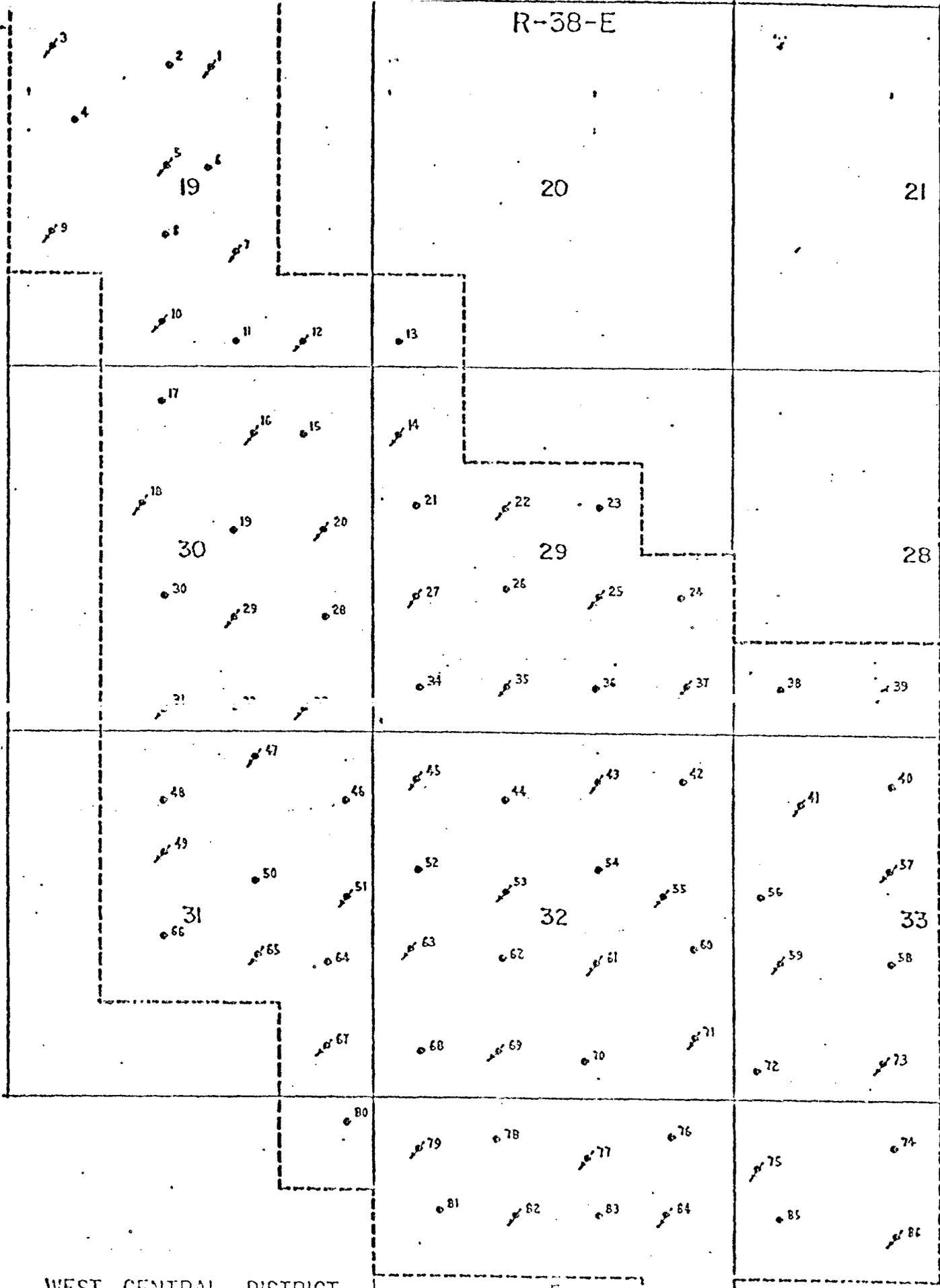
Secretary Director

NEW MEXICO OIL CONSERVATION COMMISSION

THIS APPROVAL OR ACTION DOES NOT CONSTITUTE APPROVAL  
OR ENDORSEMENT BY THE STATE OF NEW MEXICO  
OR THE COMMISSIONER OF PUBLIC LANDS  
OF ANY PART OF THE ABOVE

ELB/cap

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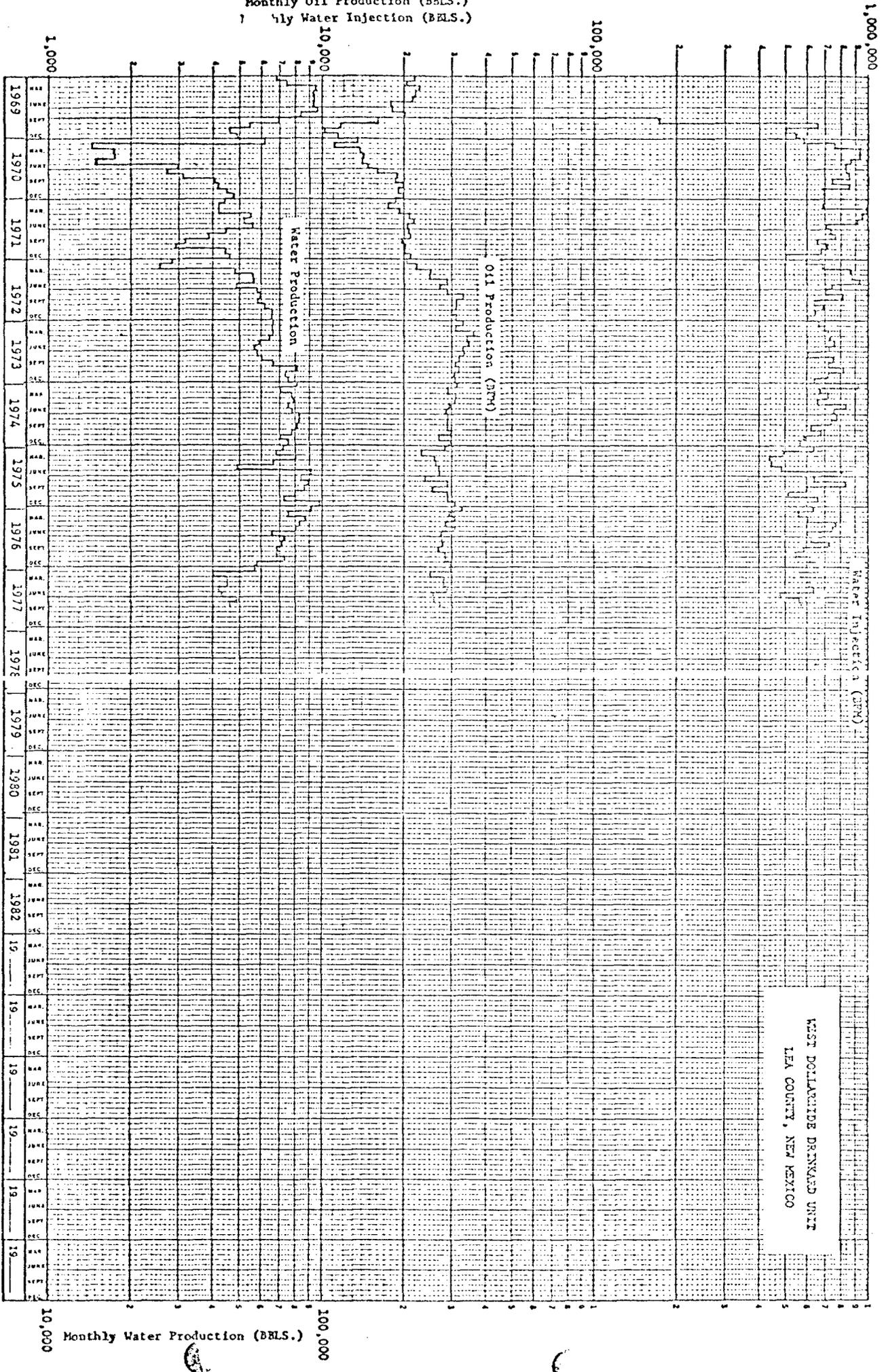
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WEST CENTRAL DISTRICT  
WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO

SCALE: 1" = 2000'

Monthly Oil Production (BBLs.)  
 Monthly Water Injection (BBLs.)



WEST DOLAVIDE DRAWARD UNIT  
 LEA COUNTY, NEW MEXICO

Year	Month
1969	JAN
1969	FEB
1969	MAR
1969	APR
1969	MAY
1969	JUN
1969	JUL
1969	AUG
1969	SEP
1969	OCT
1969	NOV
1969	DEC
1970	JAN
1970	FEB
1970	MAR
1970	APR
1970	MAY
1970	JUN
1970	JUL
1970	AUG
1970	SEP
1970	OCT
1970	NOV
1970	DEC
1971	JAN
1971	FEB
1971	MAR
1971	APR
1971	MAY
1971	JUN
1971	JUL
1971	AUG
1971	SEP
1971	OCT
1971	NOV
1971	DEC
1972	JAN
1972	FEB
1972	MAR
1972	APR
1972	MAY
1972	JUN
1972	JUL
1972	AUG
1972	SEP
1972	OCT
1972	NOV
1972	DEC
1973	JAN
1973	FEB
1973	MAR
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1973	JUN
1973	JUL
1973	AUG
1973	SEP
1973	OCT
1973	NOV
1973	DEC
1974	JAN
1974	FEB
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1974	APR
1974	MAY
1974	JUN
1974	JUL
1974	AUG
1974	SEP
1974	OCT
1974	NOV
1974	DEC
1975	JAN
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1975	MAR
1975	APR
1975	MAY
1975	JUN
1975	JUL
1975	AUG
1975	SEP
1975	OCT
1975	NOV
1975	DEC
1976	JAN
1976	FEB
1976	MAR
1976	APR
1976	MAY
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1977	MAR
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1977	MAY
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1978	FEB
1978	MAR
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1981	DEC
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1982	DEC
1983	JAN
1983	FEB
1983	MAR
1983	APR
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1983	NOV
1983	DEC
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1984	MAR
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1984	DEC
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1985	FEB
1985	MAR
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1985	AUG
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1985	OCT
1985	NOV
1985	DEC

10,000  
 Monthly Water Production (BBLs.)  
 100,000

4132

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 23, 1976

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. Leland Franz

Re: 1977 Development Plans,  
West Dollarhide Drinkard Unit,  
Lea County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Development Plans for the calendar year 1977 for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plans are returned herewith.

Very truly yours,

JOE D. RAMEY  
Secretary-Director

JDR/JEK/og

cc: United States Geological Survey  
Roswell, New Mexico

Commissioner of Public Lands  
Santa Fe, New Mexico



# SKELLY OIL COMPANY

November 1, 1976

DOMESTIC EXPL. & PROD. DEPARTMENT

MIDLAND E & P DISTRICT

F. L. FRANZ, DISTRICT PRODUCTION MANAGER  
M. J. EKMAN, DISTRICT ENGINEER  
C. F. BOSECKER, LEAD RESERVOIR ENGINEER  
F. J. PETRO, LEAD PRODUCTION ENGINEER

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

ADDRESS REPLY TO:  
P. O. BOX 1351  
MIDLAND, TEXAS 79701

Director (3)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88201

Commissioner of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1977.

## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversion. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to October 1, 1976, is 59,957,891 barrels. The daily average injection rate for September, 1976, was 19,473 BWPD at 1600 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit in 1971. Temperature and profile surveys indicated the lower portion of the Abo zone was the principal contributor; with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on twenty-five (25) injection wells in 1972 helped correct the injection interval for flood of the main Drinkard and Upper Abo intervals in this area. Control of injected water has been a continuing problem and remedial action is under study.

Cumulative oil production from the Unit Area since unitization was 2,234,657 barrels on October 1, 1976. The average daily producing rate during September, 1976, was 892 barrels of oil. Operations were begun in October, 1969, and completed in early 1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

DEVELOPMENT PLANS FOR 1977

Plans are to continue operations under the planned 80-acre five-spot pattern into the forty-three (43) wells now converted to injection service.

Very truly yours,

SKELLY OIL COMPANY



Leland Franz, Chairman  
Working Interest Owners' Committee

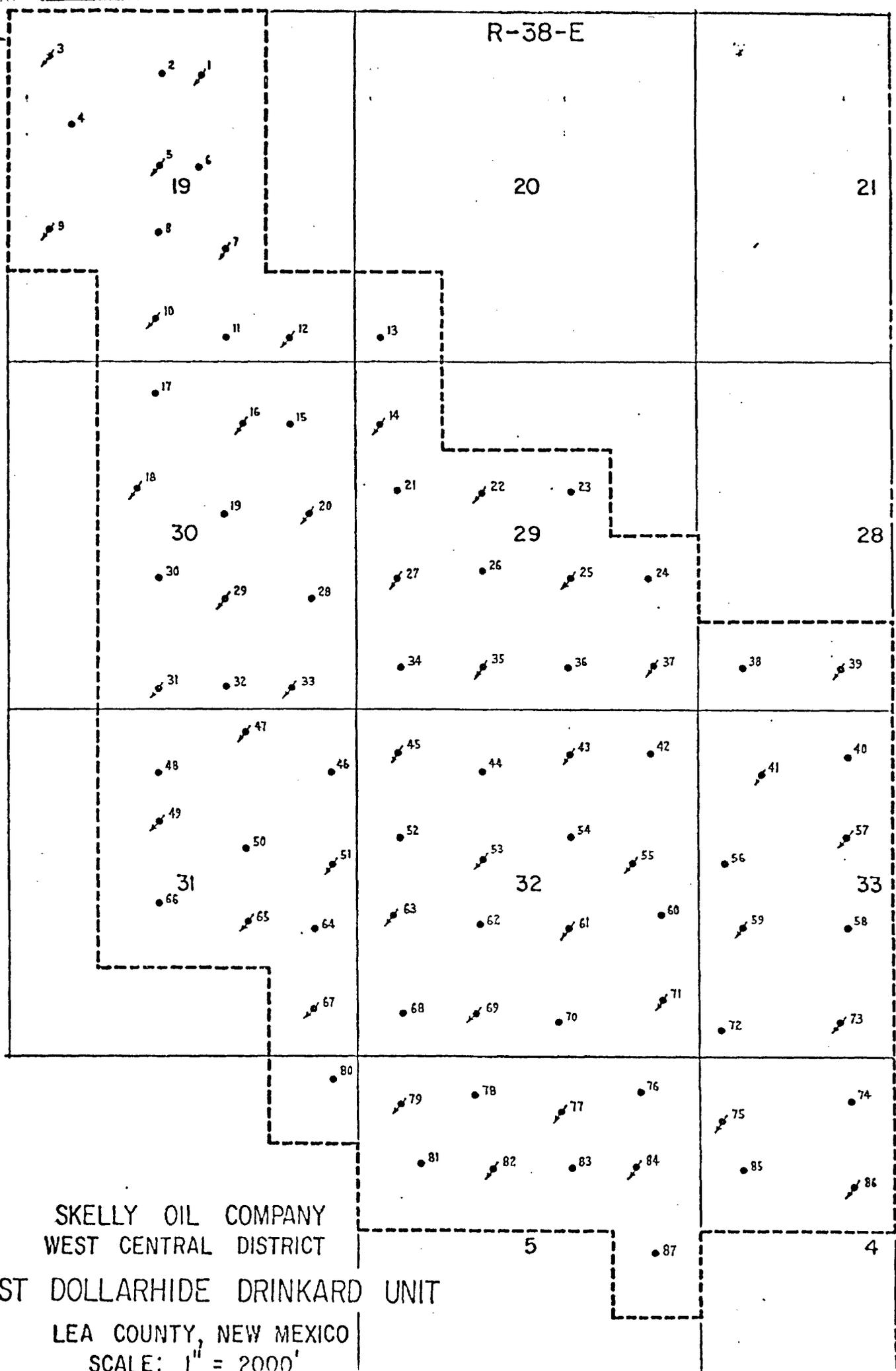
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Attachment

Approved *November 23 1976*



Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

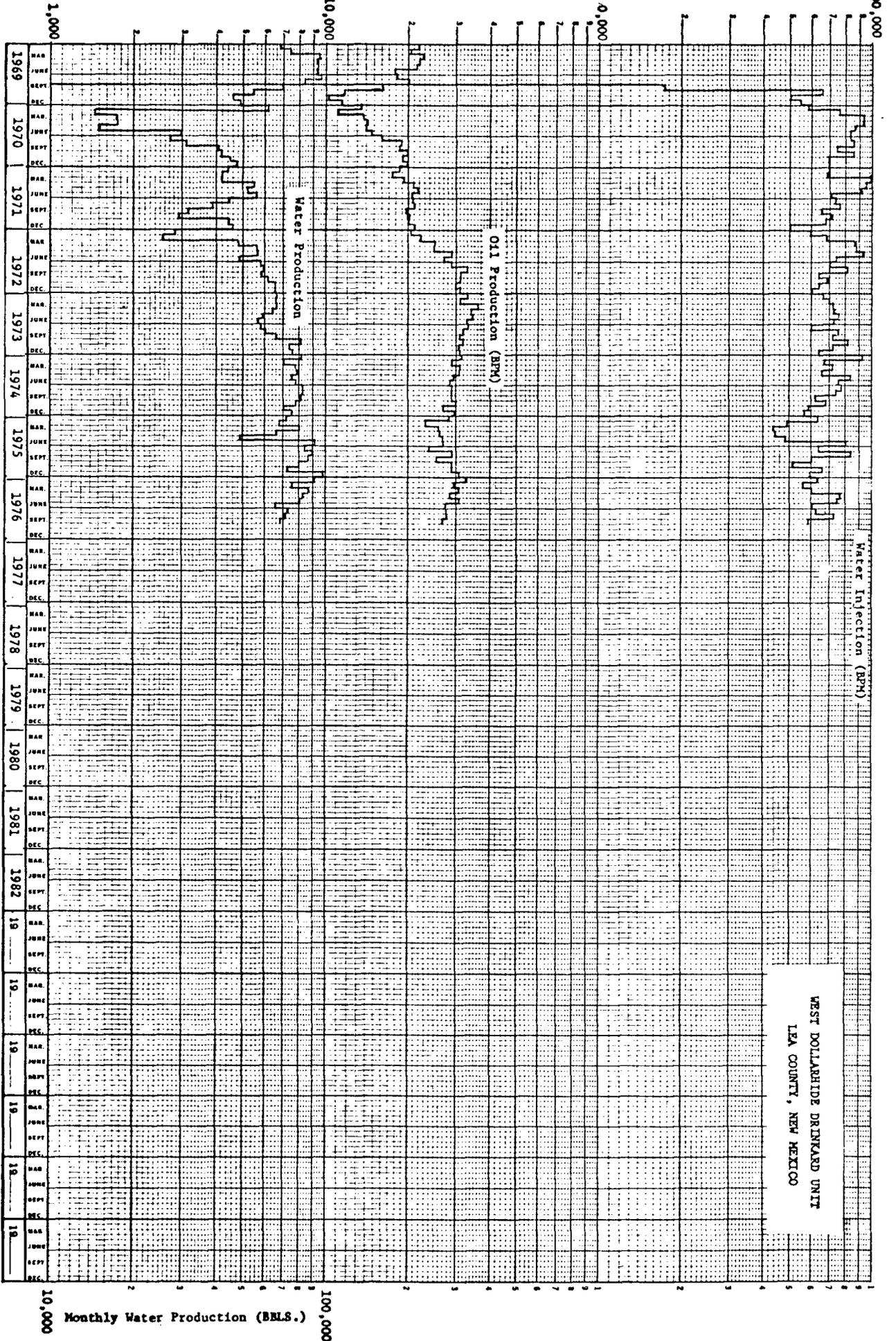


SKELLY OIL COMPANY  
WEST CENTRAL DISTRICT

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2000'

Monthly Oil Production (BBLs.)  
 Monthly Water Injection (BBLs.)





United States Department of the Interior

GEOLOGICAL SURVEY

Conservation Division  
Western National Bank Building  
505 Marquette, NW, Room 815  
Albuquerque, New Mexico 87102

NOV 22 1976

Shelly Oil Company  
Attention: Mr. Leland Franz  
P. O. Box 1351  
Midland, Texas 79701

Gentlemen:

One approved copy of your 1976 report of past operations and 1977 plan of development for the West Dollarhide Drinkard unit area, Lea County, New Mexico is enclosed.

Such plan, proposing to continue operations under the 80-acre five-spot waterflood pattern, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. S.D.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

cc:  
NMOCC, Santa Fe (ltr. only)  
Com. Pub. Lands, Santa Fe (ltr. only)



United States Department of the Interior

GEOLOGICAL SURVEY

Conservation Division  
Western National Bank Building  
505 Marquette, NW, Room 815  
Albuquerque, New Mexico 87102

NOV 19 1976

Skelly Oil Company  
Attention: Mr. Leland Franz  
P. O. Box 1351  
Midland, Texas 79701

Gentlemen:

One approved copy of your 1976 report of past operations and 1977 plan of development for the West Dollarhide Queen Sand unit area, Lea County, New Mexico is enclosed.

Such plan, proposing to continue the program of selective abandonment of uneconomical producers and surplus injectors to maintain economical operations, was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(ORIG. SCD.) JAMES W. SUTHERLAND

Area Oil and Gas Supervisor

cc:  
NMOCC, Santa Fe (ltr. only) ←  
Com. Pub. Lands, Santa Fe (ltr. only)  
Hobbs (w/cy plan)

EZuniga:dlk:11/16/76



# SKELLY OIL COMPANY

September 30, 1976

DOMESTIC EXPL. & PROD. DEPARTMENT

MIDLAND E & P DISTRICT

F. L. FRANZ, DISTRICT PRODUCTION MANAGER

M. J. EKMAN, DISTRICT ENGINEER

C. F. BOSECKER, LEAD RESERVOIR ENGINEER

F. J. PETRO, LEAD PRODUCTION ENGINEER

ADDRESS REPLY TO:

P. O. BOX 1351

MIDLAND, TEXAS 79701

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

United States Geological Survey  
P. O. Box 1857  
Roswell, New Mexico 88201

Commissioner of Public Lands  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission ✓  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

ALL WORKING INTEREST OWNERS

Gentlemen:

This is to advise that the cumulative production from the Unitized Formation underlying the Unit Area reached 1,672,835 barrels of oil after September 1, 1967, during the month of September 1976. In accordance with provisions of Section 14-C of the Unit Agreement, Tract Participation of each Tract will convert to Phase III values as of 7:00 A.M., on October 1, 1976.

Yours very truly,

Leland Franz, Chairman  
Working Interest Owners Committee  
West Dollarhide Drinkard Unit

OVS/jw



# SKELLY OIL COMPANY

September 30, 1976

DOMESTIC EXPL. & PROD. DEPARTMENT

MIDLAND E & P DISTRICT

F. L. FRANZ, DISTRICT PRODUCTION MANAGER

M. J. EKMAN, DISTRICT ENGINEER

C. F. BOSECKER, LEAD RESERVOIR ENGINEER

F. J. PETRO, LEAD PRODUCTION ENGINEER

ADDRESS REPLY TO:  
P. O. BOX 1351  
MIDLAND, TEXAS 79701

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

United States Geological Survey  
P. O. Box 1857  
Roswell, New Mexico 88201

Commissioner of Public Lands  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission ✓  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

ALL WORKING INTEREST OWNERS

Gentlemen:

This is to advise that the cumulative production from the Unitized Formation underlying the Unit Area reached 1,672,835 barrels of oil after September 1, 1967, during the month of September 1976. In accordance with provisions of Section 14-C of the Unit Agreement, Tract Participation of each Tract will convert to Phase III values as of 7:00 A.M., on October 1, 1976.

Yours very truly,

Leland Franz, Chairman  
Working Interest Owners Committee  
West Dollarhide Drinkard Unit

OVS/jw

4-3  
P. O. Drawer 1857  
Roswell, New Mexico 88201

March 2, 1976

Skelly Oil Company  
Attention: Mr. Leland Franz  
P. O. Box 1351  
Midland, Texas 79701

Gentlemen:

Two approved copies of your 1976 plan of development for the West Dollarhide Drinkard unit area, Lea County, New Mexico, proposing continuation of waterflood operations under the 80-acre five-spot pattern, are enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

It is requested that you provide this office with a copy of waterflood injection and production data in graphical form at your earliest convenience and include an updated copy of such graph with all subsequent plans of development.

Sincerely yours,

(ORIG. SGD) CARL C. TRAYWICK

CARL C. TRAYWICK  
Acting Area Oil and Gas Supervisor

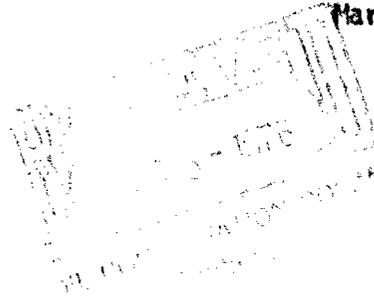
cc:  
Hobbs (w/cy plan)  
NMOCC, Santa Fe (1tr. only)  
Com. Pub. Lands, Santa Fe (1tr. only) ← This Copy for

JAGillham:d1k

4/13  
P. O. Drawer 1857  
Roswell, New Mexico 88201

March 2, 1976

Skelly Oil Company  
Attention: Mr. Leland Franz  
P. O. Box 1351  
Midland, Texas 79701



Gentlemen:

Two approved copies of your 1976 plan of development for the West Dollarhide Drinkard unit area, Lea County, New Mexico, proposing continuation of waterflood operations under the 80-acre five-spot pattern, are enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

It is requested that you provide this office with a copy of waterflood injection and production data in graphical form at your earliest convenience and include an updated copy of such graph with all subsequent plans of development.

Sincerely yours,

(ORIG. COPIES) CARL C. TRAYWICK

CARL C. TRAYWICK  
Acting Area Oil and Gas Supervisor

cc:  
Hobbs (w/cy plan)  
NMOCC, Santa Fe (ltr. only) ← This copy for  
Com. Pub. Lands, Santa Fe (ltr. only)

JAGillham:d1k

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 7, 1975

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. Leland Franz

Re: 1976 Plan of Development,  
West Dollarhide Drinkard Unit,  
Lea County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the plan of development for the calendar year 1976 for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

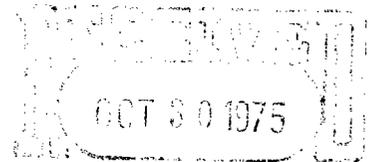
Very truly yours,

JOE D. RAMEY  
Secretary-Director

JDR/JEK/og

cc: United States Geological Survey  
Roswell, New Mexico

Commissioner of Public Lands  
Santa Fe, New Mexico



# SKELLY OIL COMPANY

October 27, 1975

OIL CONSERVATION COMMISSION  
Santa Fe

DOMESTIC EXPL. & PROD. DEPARTMENT

MIDLAND E & P DISTRICT

F. L. FRANZ, DISTRICT PRODUCTION MANAGER

M. J. EKMAN, DISTRICT ENGINEER

C. F. BOSECKER, LEAD RESERVOIR ENGINEER

F. J. PETRO, LEAD PRODUCTION ENGINEER

ADDRESS REPLY TO:

P. O. BOX 1351

MIDLAND, TEXAS 79701

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

Director (4)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88201

Commissioner of Public Lands  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3) All Working Interest Owners  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1976.

## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversion. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to October 1, 1975, is 52,328,652 barrels. The daily average injection rate for September, 1975, was 20,104 BWPD at 1,600 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit in 1971. Temperature and profile surveys indicated the lower portion of the Abo zone was the principal contributor; with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on twenty-five (25) injection wells in 1972 helped correct the injection interval for flood of the main Drinkard and Upper Abo intervals in this area. Recent temperature surveys indicated appreciable injection losses to the Upper Drinkard intervals. Plans for remedial operations are being formulated.

Cumulative oil production from the Unit Area since unitization was 1,882,509 barrels on October 1, 1975. The average daily producing rate during September, 1975, was 865 barrels of oil. Operations were begun in October, 1969, and completed in early 1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

DEVELOPMENT PLANS FOR 1976

Plans are to continue operations under the planned 80-acre five-spot pattern into the forty-three (43) wells now converted to injection service.

Very truly yours,

SKELLY OIL COMPANY

  
Leland Franz, Chairman  
Working Interest Owners' Committee

OVS/ss  
Attachment

Approved.....November 7, 1975  
  
.....  
Secretary-Director  
NEW MEXICO OIL CONSERVATION COMMISSION

R-38-E

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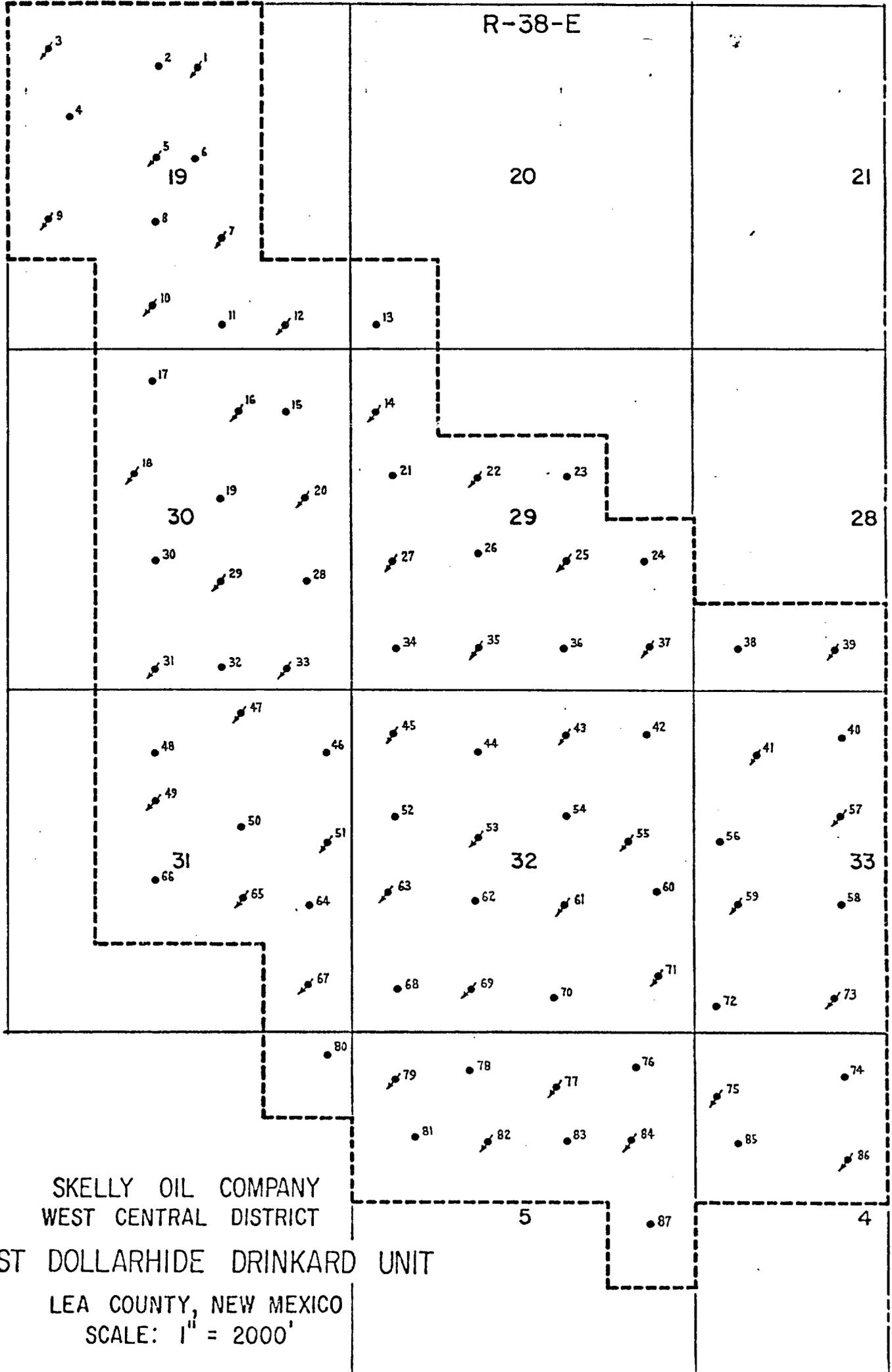
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SKELLY OIL COMPANY  
WEST CENTRAL DISTRICT

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2000'





# United States Department of the Interior

GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico 88201

December 19, 1974

4/33

Skelly Oil Company  
Attention: Mr. Leland Franz  
P.O. Box 1351  
Midland, Texas 79701

Gentlemen:

Four approved copies of your 1975 plan of development for the West Dollarhide Drinkard unit area, Lea County, New Mexico, are enclosed. Such plan, proposing to continue operation under the 80-acre five-spot waterflood pattern, was approved on this date subject to like approval by the appropriate official of the State of New Mexico.

Sincerely yours,

CARL C. TRAYWICK  
Acting Area Oil and Gas Supervisor

cc:

✓ NMOCC, Santa Fe (ltr only)  
Com. Pub. Lands, Santa Fe (ltr only)  
Hobbs (w/cy plan)

JAGillham:ds

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE NEW MEXICO 87501

December 5, 1974

4133

C  
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Y

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. Leland Franz

Re: 1975 Plan of Operation  
West Dollarhide Drinkard  
Unit, Lea County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the plan of development and operation for the year 1975 for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey  
Box 1857  
Roswell, New Mexico

Commissioner of Public Lands  
Santa Fe, New Mexico



# SKELLY OIL COMPANY

November 8, 1974

DOMESTIC EXPL. & PROD. DEPARTMENT  
MIDLAND E & P DISTRICT

F. L. FRANZ, DISTRICT PRODUCTION MANAGER  
M. J. EKMAN, DISTRICT ENGINEER  
F. J. HENSLEY, LEAD RESERVOIR ENGINEER  
F. J. PETRO, LEAD PRODUCTION ENGINEER

ADDRESS REPLY TO:  
P. O. BOX 1351  
MIDLAND, TEXAS 79701

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

Director (6)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88201

Commissioner of Public Lands  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1975.

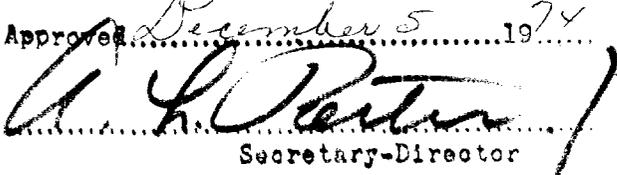
## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversions. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to October 1, 1974, is 45,017,655 barrels. The daily average injection rate for September, 1974, was 21,296 BWPD at 1,600 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit in 1971. Temperature and profile surveys indicated the lower portion of the Abo zone was the principal contributor; with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on twenty-five (25) injection wells in 1972 helped correct the injection interval for flood of the main Drinkard and Upper Abo intervals in this area. Recent temperature surveys indicated appreciable injection losses to the Upper Drinkard intervals. Plans for remedial operations are being formulated.

  
Leland Franz, Chairman  
Working Interest Owners' Committee

OVS/ss  
Attachment

Approved December 5 1974  
  
Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

Cumulative oil production from the Unit Area since unitization was 1,556,250 barrels on October 1, 1974. The average daily producing rate during September, 1974, was 981 barrels of oil. Operations were begun in October, 1969, and completed in early 1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

DEVELOPMENT PLANS FOR 1975

Plans are to continue operations under the planned 80-acre five-spot pattern into the forty-three (43) wells now converted to injection service.

Very truly yours,

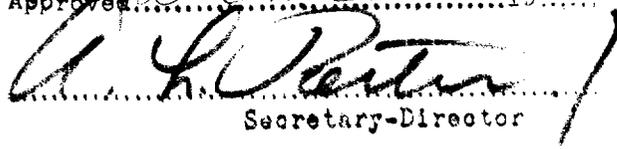
SKELLY OIL COMPANY



Leland Franz, Chairman  
Working Interest Owners' Committee

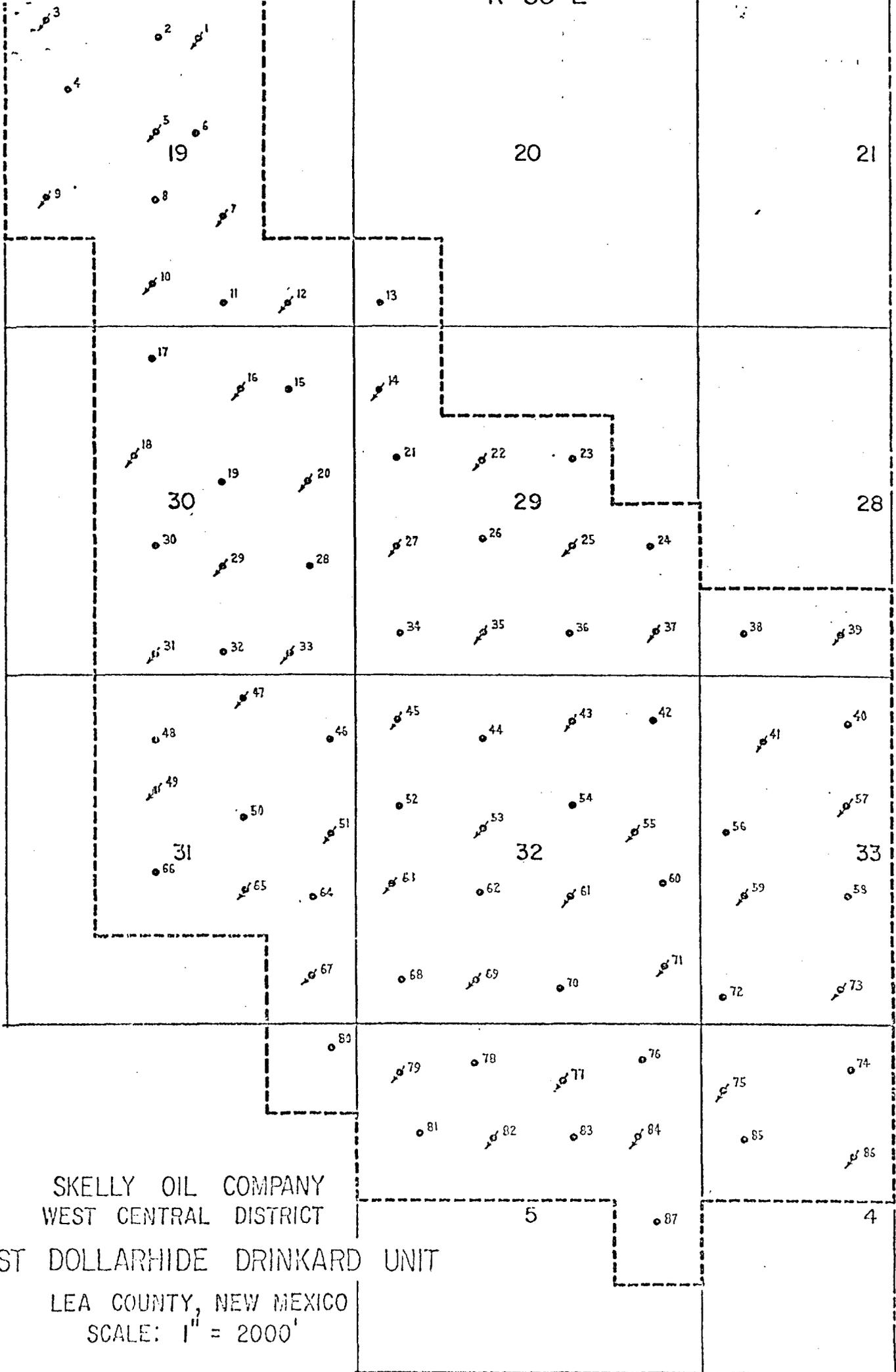
OVS/ss  
Attachment

Approved December 5 1974



Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION



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SKELLY OIL COMPANY  
WEST CENTRAL DISTRICT

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2000'

4103

TELEPHONE  
303-827-2746

November 19, 1974

Skally Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico

ATTENTION: Mr. Leland Frans

Gentlemen:

The Commissioner of Public Lands has this date approved your Plan of Development and Operation for the year 1975, for the West Dollarhide Drinkard Unit, Lea County, New Mexico. You propose to continue operations under the planned 80-acre five-spot pattern into the forty-three (43) wells now converted to injection service. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy is enclosed herewith.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRAHAM, Director  
Oil and Gas Department

AJA/RDG/s

encl.

cc:

USGS-Berwell, New Mexico  
OCC- Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 17, 1974

4/120

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. C. J. Love

Re: 1974 Plan of Development  
West Dollarhide Drinkard  
Unit, Lea County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the calendar year 1974 for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.'

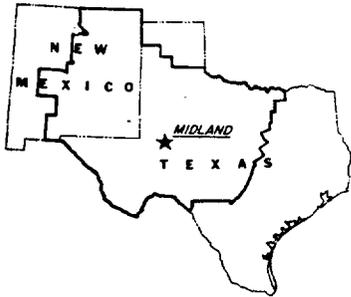
Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe  
United States Geological Survey - Roswell

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# SKELLY OIL COMPANY

November 2, 1973

EXPLORATION & PRODUCTION DEPARTMENT  
WEST CENTRAL DISTRICT

ADDRESS REPLY TO:  
P. O. BOX 1351  
MIDLAND, TEXAS 79701

A. B. CARY, EXPLORATION & PRODUCTION MANAGER  
V. E. BARTLETT, EXPLORATION MANAGER  
C. J. LOVE, PRODUCTION MANAGER  
J. R. AVENT, ADMINISTRATIVE COORDINATOR

File: West Dollarhide Drinkard Unit  
Lease No. 04106  
Lea County, New Mexico

Director (6)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88201

Commissioner of Public Lands  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3) All Working Interest Owners  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Gentlemen

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1974.

## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversions. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to October 1, 1973, is 36,050,792 barrels. The daily average injection rate for September, 1973, was 24,458 BWPD at 1,500 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit in 1971. Temperature and profile survey indicated the lower portion of the Abo zone was the principal contributor; with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on twenty-five (25) injection wells corrected the injection interval for flood of the main Drinkard and Upper Abo intervals in this area.

West Dollarhide Dr. Field Unit  
Page No. 2  
November 2, 1973

Cumulative oil production from the Unit Area since unitization was 1,086,386 barrels on October 1, 1973. The average daily producing rate during September, 1973, was 1049 barrels of oil. Operations were begun in October, 1969, and completed in early 1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23, where unsighed royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970.

DEVELOPMENT PLANS FOR 1974

Plans are to continue operations under the planned 80-acre five-spot pattern into the forty-three (43) wells now converted to injection service.

very truly yours,

SKELLY OIL COMPANY



C. J. Love, Chairman  
Working Interest Owners' Committee

OVS/rc  
Attachment

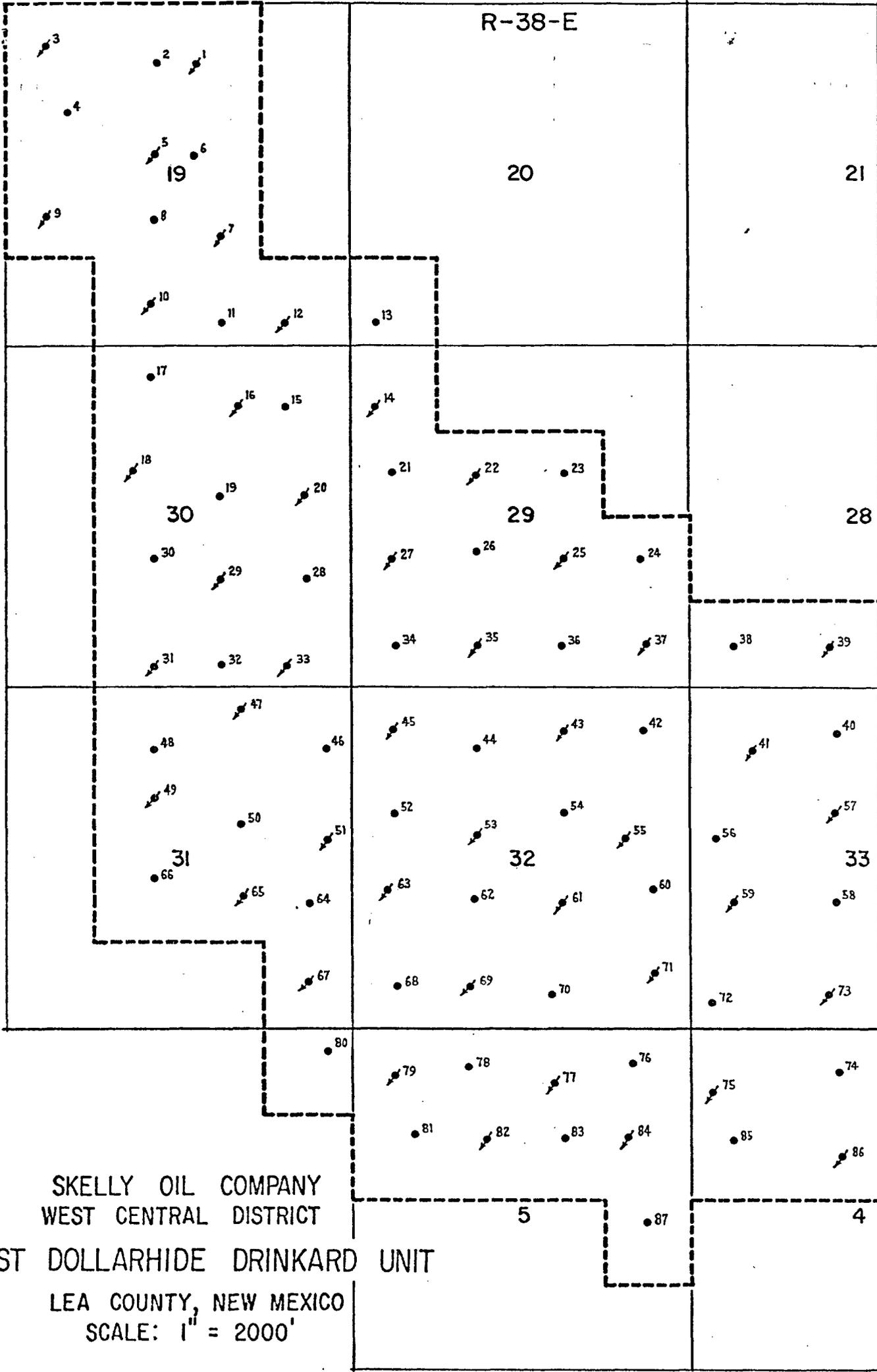
Approved \_\_\_\_\_

*January 17 1974*  


Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

R-38-E



SKELLY OIL COMPANY  
WEST CENTRAL DISTRICT

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2000'



# United States Department of the Interior

GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

December 21, 1973

4153

Skelly Oil Company  
Attention: Mr. C. J. Love  
P.O. Box 1351  
Midland, Texas 79701

Gentlemen:

Four approved copies of your 1974 plan of development and operation for the West Dollarhide Drinkard unit area, Lea County, New Mexico, proposing continuation of the current waterflood operations, are enclosed. Such plan was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

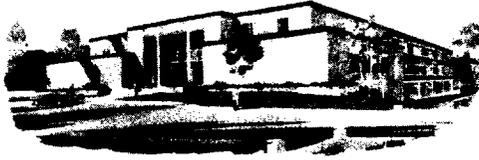
CARL C. TRAYWICK  
Acting Area Oil & Gas Supervisor

cc:  
NMOCC, Santa Fe (ltr only)  
Com. Pub. Lands, Santa Fe (ltr only)  
Hobbs (w/cy plan)

JAGillham:ds

State of New Mexico

TELEPHONE  
505-827-2748



Commissioner of Public Lands

November 12, 1973

ALEX J. ARMIJO  
COMMISSIONER

P. O. Box 1148  
SANTA FE, NEW MEXICO

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

4130

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico

ATTENTION: Mr. C. J. Love

Gentlemen:

The Commissioner of Public Lands has this date approved the plan of development and operation for 1974 for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy is enclosed herewith. Your Three (\$3.00) Dollar Filing Fee has been received.

Very truly yours,

RAY D. GRAHAM, Director  
Oil and Gas Department

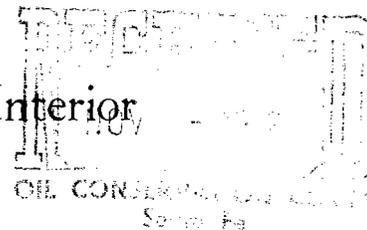
AJA/RDG/s  
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cc:

USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico ✓



United States Department of the Interior

GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico 88201



November 8, 1972

Skelly Oil Company  
P.O. Box 1351  
Midland, Texas 79701

Attention: Mr. C. J. Love

Gentlemen:

On this date, your 1973 plan of development and operation for the West Dollarhide Drinkard unit area, Lea County, New Mexico, wherein you propose to continue operation of the current waterflood pattern, was approved. The Commissioner of Public Lands and the Oil Conservation Commission of the State of New Mexico have approved such plan on November 2, 1972.

Three approved copies of the plan are enclosed.

Sincerely yours,

(ORC)  
CARL C. TRAYWICK  
Acting Area Oil and Gas Supervisor

cc:  
Washington (w/cy plan)  
Hobbs, (w/cy plan)  
✓ NMOCC, Santa Fe (ltr only)  
Com. Pub. Lands, Santa Fe (ltr only)

JAG:llham:ds

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 2, 1972

4/133

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. C. J. Love

Re: 1973 Plan of Development and  
Operation, West Dollarhide  
Drinkard Unit, Lea County,  
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the plan of development and operation for the year 1973 for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

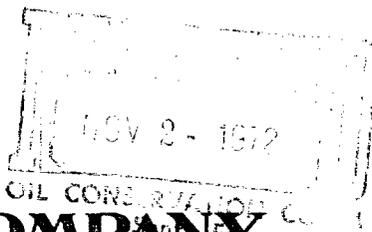
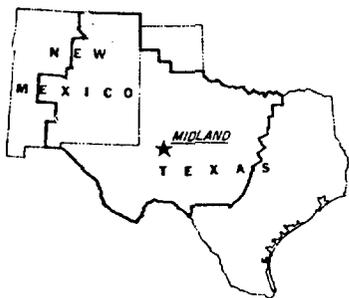
Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey  
Box 1857  
Roswell, New Mexico

Commissioner of Public Lands  
Santa Fe, New Mexico



# SKELLY OIL COMPANY

EXPLORATION & PRODUCTION DEPARTMENT  
WEST CENTRAL DISTRICT

November 1, 1972

ADDRESS REPLY TO:  
P. O. BOX 1351  
MIDLAND, TEXAS 79701

A. B. CARY, EXPLORATION & PRODUCTION MANAGER  
V. E. BARTLETT, EXPLORATION MANAGER  
C. J. LOVE, PRODUCTION MANAGER  
J. R. AVENT, ADMINISTRATIVE COORDINATOR

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico

Director (6)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88201

Commission of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1973.

## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversions. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BHPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to October 1, 1973, is 27,628,169 barrels. The daily average injection rate for September, 1972, was 21,353 BHPD at 1,400 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit in 1971. Temperature and profile survey indicated the lower portion of the Abo zone was the principal contributor; with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on twenty-five (25) injection wells corrected the injection interval for flood of the main Drinkard and Upper Abo intervals in this area.

Plan of Development & Operation  
West Dollarhide Drinkard Unit  
Page No. 2  
November 1, 1972

Cumulative oil production from the Unit Area since unitization was 812,324 barrels on October 1, 1972. The average daily producing rate during September, 1972, was 1,042 barrels of oil. Operations were begun in October, 1969, and completed in early 1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970. Produced water was injected via the West Dollarhide Queen Sand Unit injection facilities for the interim period.

DEVELOPMENT PLANS FOR 1973

Plans are to continue operations under the planned 80-acre five-spot pattern into the forty-three (43) wells now converted to injection service.

Very truly yours,

SKELLY OIL COMPANY



C. J. Love, Chairman  
Working Interest Owners' Committee

OVS/rc  
Attachment

Approved *November 2, 1972*

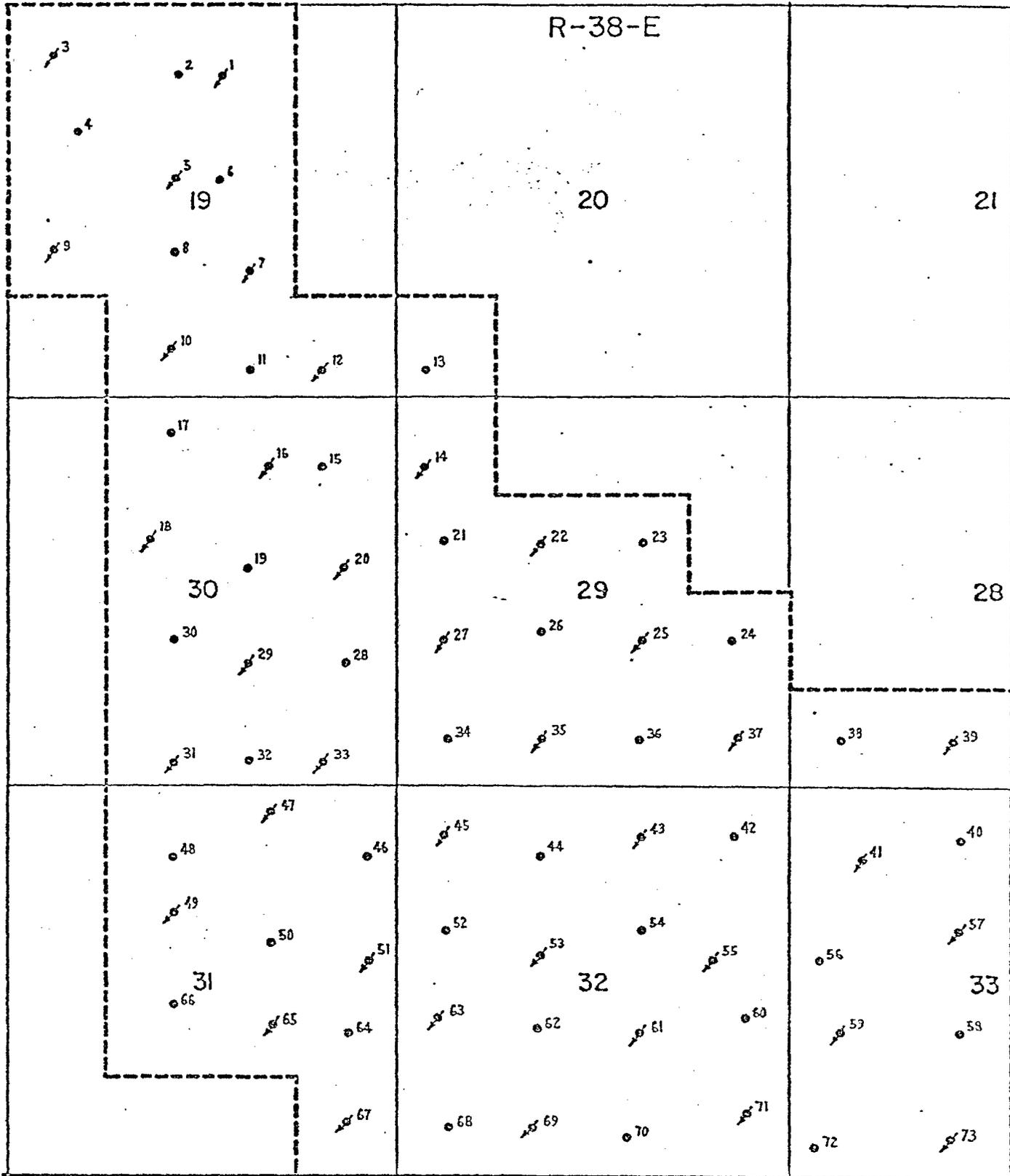


Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

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SKELLY OIL COMPANY  
WEST CENTRAL DISTRICT

WEST DOLLARHIDE DRINKARD UNIT

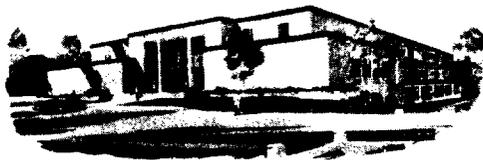
LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2000'

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State of New Mexico

TELEPHONE  
505-827-2748



Commissioner of Public Lands  
November 2, 1972

4133

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Re: West Dollarhide Drinkard Unit  
1973 Plan of Development  
Lea County, New Mexico

ATTENTION: Mr. C. J. Love

Gentlemen:

The Commissioner of Public Lands has this date approved your 1973 Plan of Development dated November 1, 1972, for the captioned unit, proposing to continue operations under the present waterflood pattern. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission

One approved copy is returned herewith.

Please remit a three (\$3.00) Dollar filing fee.

Very truly yours,

RAY D. GRAMM, Director  
Oil and Gas Department

AJA/EDG/s

encl.

cc: UGGS-Roswell, New Mexico  
Oce- Santa Fe, New Mexico ✓

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 11, 1972

4133

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. C. J. Love

Re: 1972 Plan of Operation and  
Development, West Dollarhide  
Drinkard Unit, Lea County,  
New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1972 Plan of Development and Operation for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey - Roswell  
Commissioner of Public Lands, Santa Fe, New Mexico

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico 88201

IN REPLY REFER TO:

RECEIVED  
DEC 27 1971  
OIL CONSERVATION COMM.  
SANTA FE, N.M.

December 22, 1971

Skelly Oil Company  
P.O. Box 1351  
Midland, Texas 79701

Attention: Mr. C. J. Love

Gentlemen:

Your 1972 plan of development and operation, proposing to continue operations under the present waterflood pattern, for the West Dollarhide Drinkard unit area, Lea County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

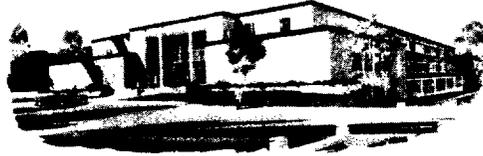
Three approved copies of the plan are enclosed.

Sincerely yours,

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

cc:  
Washington (w/cy of plan)  
Hobbs (w/cy of plan)  
/NMOCC, Santa Fe (ltr. only)  
Com. Pub. Lands, Santa Fe (ltr. only)

State of New Mexico



**RECEIVED**

NOV 1 1971

THE COMMISSIONER OF PUBLIC LANDS

Commissioner of Public Lands

November 17, 1971

ALEX J. ARMIJO  
COMMISSIONER

P. O. BOX 1148  
SANTA FE, NEW MEXICO

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Re: West Dollarhide Drinkard Unit  
1972 Plan of Development  
Lea County, New Mexico

ATTENTION: Mr. C. J. Love

Gentlemen:

The Commissioner of Public Lands has this date approved your 1972 Plan of Development dated November 1, 1971, for the captioned unit, proposing to continue operations under the present waterflood pattern and remedial work on injection wells. This approval is subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Please remit a three (\$3.00) Dollar filing fee.

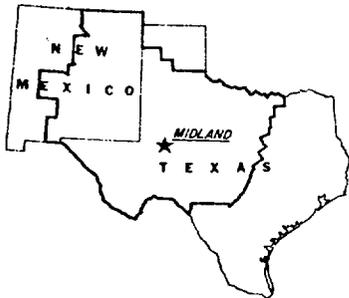
One approved copy is returned herewith.

Very truly yours,

RAY D. GRAHAM, Director  
Oil and Gas Department

AJA/RDG/s  
encls.

cc: USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico ✓



# SKELLY OIL COMPANY

RECEIVED

NOV 16 1971  
OIL CONSERVATION COMM  
SANTA FE

EXPLORATION & PRODUCTION DEPARTMENT  
WEST CENTRAL DISTRICT

November 1, 1971

ADDRESS REPLY TO:  
P. O. BOX 1351  
MIDLAND, TEXAS 79701

C. J. LOVE, PRODUCTION MANAGER  
B. A. STRICKLING, OPERATIONS SUPERINTENDENT  
F. J. PETRO, DISTRICT PRODUCTION ENGINEER  
J. D. MCCLAIN, DISTRICT RESERVOIR ENGINEER  
K. E. BOHRER, OUTSIDE OPERATIONS SUPERVISOR

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico

Director (6)  
United States Geological Survey  
P. O. Box Drawer 1857  
Roswell, New Mexico 88201

Commission of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico

Oil Conservation Commission of (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section 11 of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1972.

## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversions. Four additional wells (Nos. 39, 57, 73, and 86) were converted to injection in 1971 after lease line agreements were negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to October 1, 1970, is 18,805,364 barrels. The daily average injection rate for September, 1971, was 21,940 BWPD at 1008 psig. Water breakthrough problems were encountered in the eastern 2/3 of the unit. Temperature and profile survey indicated the lower portion of the Abo zone was the principal contributor; with some injection losses in the Upper Drinkard and Tubb zones. Remedial work on injection wells is now underway to correct the injection interval for flood of the main Drinkard and Upper Abo intervals.

Cumulative oil production from the Unit Area since unitization was 503,429 barrels on October 1, 1971. The average daily producing rate during September, 1971, was 666 barrels of oil. Operations were begun in October, 1969, and completed in early

Plan of Development & Operation  
West Dollarhide Drinkard Unit  
Page No. 2  
November 1, 1971

1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970. Produced water was injected via the West Dollarhide Queen Sand Unit injection facilities for the interim period.

DEVELOPMENT PLANS FOR 1972

Plans are to continue operations under the planned 80-acre five-spot pattern into the forty-three (43) wells now converted to injection service.

Very truly yours,

SKELLY OIL COMPANY

*C. J. Love*

C. J. Love, Chairman  
Working Interest Owners' Committee

OVS/mac  
Attachment

Approved *January 11* 19 *72*

*A. H. Ketchum*  
Secretary-Director

NEW MEXICO DEPARTMENT OF CONSERVATION

THIS APPROVAL GRANTED SUBJECT TO LIKE APPROVAL  
BEING GRANTED BY THE UNITED STATES GEOLOGICAL  
SURVEY AND BY THE COMMISSIONER OF PUBLIC LANDS  
OF THE STATE OF NEW MEXICO.

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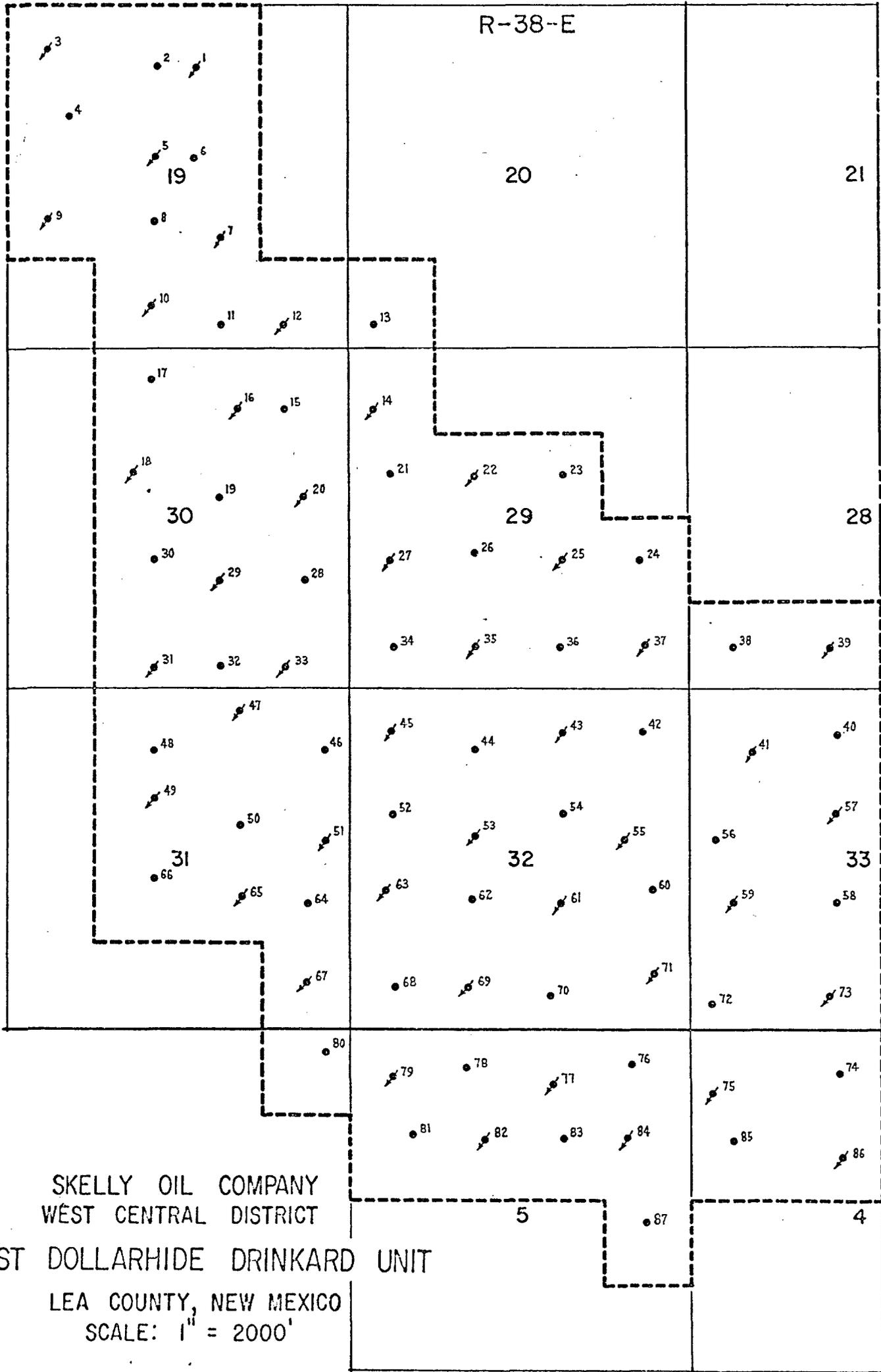
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SKELLY OIL COMPANY  
WEST CENTRAL DISTRICT

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO  
SCALE: 1" = 2000'



Drawer 1857  
Roswell, New Mexico 88201

1971 JAN 1 11 08 24  
January 28, 1971

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. P. L. Mumley

Gentlemen:

Your letter of January 20 transmits a proposed border protection agreement in which Skelly Oil Company as operator of the West Dollarhide Drinkard unit and Union Oil Company of California as operator of Dollarhide Clearfork unit will cooperate in waterflooding the common boundary between the two units involving sec. 33, T. 24 S., R. 38 E., sec. 4, T. 25 S., R. 38 E., Lea County, New Mexico, and sec. 16, Block A-52, P.S.L. Survey, Andrews County, Texas. Your letter advises that written concurrence has been received from sufficient working interest owners to comply with section 39 of the West Dollarhide Drinkard unit agreement. Such boundary agreement is acceptable to this office.

Please send three copies of the agreement, including one with original signatures, to this office after it has been executed.

Sincerely yours,

(ORIG. SCD)

N. O. FREDERICK  
Regional Oil and Gas Supervisor

cc:  
NMOCC - Santa Fe ✓  
Com. of Pub. Lands - Santa Fe  
Hobbs



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

January 4, 1971

4132

Skelly Oil Company  
P.O. Box 1351  
Midland, Texas 79701

Attention: Mr. P. L. Nunley

Gentlemen:

Your 1971 plan of development and operation, proposing to continue operations under the present waterflood pattern, for the West Dollarhide Drinkard unit area, Lea County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

Three approved copies of the plan are enclosed.

Sincerely yours,

(ORIG. SGD.) N. O. FREDERICK

N. O. FREDERICK  
Regional Oil and Gas Supervisor

cc:  
Washington (w/cy of plan)  
Hobbs (w/cy of plan)  
NMOCC, Santa Fe (ltr only) ✓  
Com. of Pub. Lands, Santa Fe (ltr only)



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico 88201

IN REPLY REFER TO:

70 DEC 10 PM 1 00

4100

December 9, 1970

Skelly Oil Company  
P.O. Box 1351  
Midland, Texas 79701

Attention: Mr. P. L. Nunley

Gentlemen:

Your letter of November 11 transmits a proposed border protection agreement in which Skelly Oil Company, as operator of the West Dollarhide Drinkard unit, and Cities Service Oil Company, as operator of the North Dollarhide Clearfork unit, will cooperate in waterflooding the common boundary between the two units involving secs. 28 and 33, T. 24 S., R. 38 E., Lea County, New Mexico, and sec. 15, block A-52, PSL Survey, Andrews County, Texas. Your letter advises that written concurrence has been received from sufficient working interest owners to comply with section 39 of the West Dollarhide Drinkard unit agreement. Such boundary agreement is acceptable to this office.

Please send three copies of the agreement, including one with original signatures, to this office after it has been executed.

Sincerely yours,

(ORIG. SGD.) CARL C. TRAYWICK  
CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

cc:  
NMOCC, Santa Fe ✓  
Com. of Pub. Lands, Santa Fe  
Hobbs

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

November 24, 1970

4133

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. P. L. Nunley

Re: 1971 Plan of Development  
West Dollarhide Drinkard  
Unit, Lea County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development and Operations during the calendar year 1971 for the West Dollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies are returned herewith.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey - Roswell, New Mexico  
Commissioner of Public Lands - Santa Fe, New Mexico

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NOV 6 1970  
NOV 6 1970

November 4, 1970

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Re: West Dollartide Drinkard  
Unit  
1971 Plan of Development  
Lea County, New Mexico

ATTENTION: Mr. P. L. Nunley

Gentlemen:

The Commissioner of Public Lands has this date approved your 1971 Plan of Development dated November 1, 1970, for the captioned unit, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Please remit a three (\$3.00) Dollar filing fee.

One approved copy is returned herewith.

Sincerely yours,

GORDON G. MARCUM, II, Director  
Oil and Gas Department

AJA/GGM/s  
encls.

cc: USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico



# SKELLY OIL COMPANY

EXPLORATION & PRODUCTION DEPARTMENT  
WEST CENTRAL DISTRICT

November 1, 1970

ADDRESS REPLY TO:  
P. O. BOX 1351  
MIDLAND, TEXAS 79701

P. L. NUNLEY, PRODUCTION MANAGER  
B. A. STRICKLING, OPERATIONS SUPERINTENDENT  
C. J. LOVE, DISTRICT ENGINEER  
F. J. PETRO, DISTRICT PRODUCTION ENGINEER  
J. D. MCCLAIN, DISTRICT RESERVOIR ENGINEER

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico

Director (6)  
United States Geological Survey  
P. O. Drawer 1857  
Roswell, New Mexico 88201

Commission of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1971.

## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five (35) wells were converted to injection service and injection started in September, 1969. Four wells (Nos. 3, 5, 7, and 9) were converted in 1970 under the initial phase of well conversions. Four additional wells (Nos. 39, 57, 73, and 86) will be converted to injection as soon as lease line agreements can be negotiated with offsetting floods in Texas.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to October 1, 1970, is 9,343,448 barrels. The daily average injection rate for September, 1970, was 25,132 BWPD at 1026 psig.

Cumulative oil production from the Unit Area since unitization was 261,429 barrels on October 1, 1970. The average daily producing rate during September, 1970, was 627 barrels of oil. Operations were begun in October, 1969, and completed in early 1970, to consolidate producing facilities and install four well-test satellites. The producing system was centralized into a common storage facility, except for

Plan of Development & Operation  
West Dollarhide Drinkard Unit  
Page 2  
November 1, 1970

Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water commenced in January, 1970. Produced water was injected via the West Dollarhide Queen Sand Unit injection facilities for the interim period.

DEVELOPMENT PLANS FOR 1971

Plans are to continue operations under the planned 80-acre five-spot pattern into the thirty-nine (39) wells now converted to injection service.

Conversion of the four (4) wells already approved for injection service along the east line of the Unit will be effected as suitable property line agreements can be finalized. This should occur in 1971. (Wells No. 39, 57, 73, and 86)

Very truly yours,

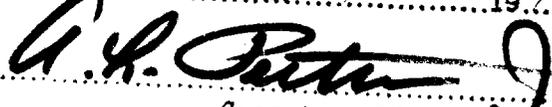
SKELLY OIL COMPANY



R. L. Nunley, Chairman  
Working Interest Owners' Committee

OVS/scc  
Attachment

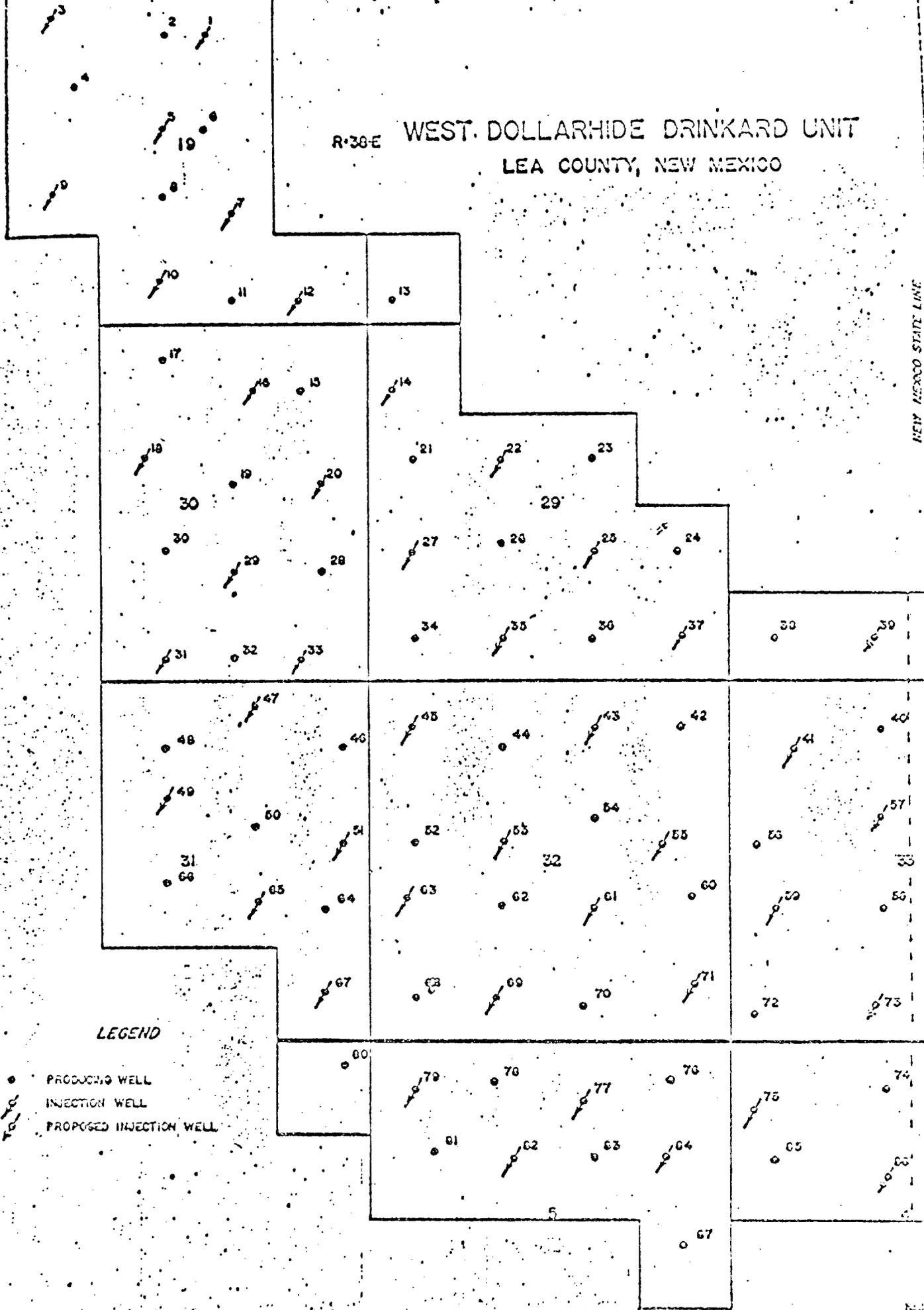
Approved *Nov 24* ..... 19 *70*



Secretary-Director

NEW MEXICO OIL CONSERVATION COMMISSION

R. 36-E WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO



LEGEND

- PRODUCING WELL
- | INJECTION WELL
- / PROPOSED INJECTION WELL

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

January 23, 1970

4133

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. P. L. Nunley

Re: 1970 Plan of Development  
West Dollarhide Drinkard Unit,  
Lea County, New Mexico

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the 1970 Plan of Development dated November 11, 1969, for the West Hollarhide Drinkard Unit, Lea County, New Mexico, subject to like approval by the United States Geological Survey and the Commissioner of Public Lands of the State of New Mexico.

Two approved copies of the plan are returned herewith.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/JEK/og

cc: United States Geological Survey - Roswell  
Commissioner of Public Lands - Santa Fe

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January 5, 1970

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Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Re: West Dollarhide Drinkard  
Unit  
1970 Plan of Development  
Lea County, New Mexico

ATTENTION: Mr. P. L. Munley

Gentlemen:

The Commissioner of Public Lands has this date approved your 1970 Plan of Development dated November 11, 1969, for the captioned unit, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

One approved copy is returned herewith.

Very truly yours,

Ted Bilberry, Director  
Oil and Gas Department

TB/ML/s  
encl.

cc: USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

January 15, 1970

Skelly Oil Company  
P. O. Box 1351  
Midland, Texas 79701

Attention: Mr. P. L. Nunley

Gentlemen:

Your 1970 plan of development and operation, proposing to continue operations under the present waterflood pattern, for the West Dollarhide Driskard unit area, Lea County, New Mexico, has been approved on this date subject to like approval by the appropriate State officials.

Three approved copies of the plan are enclosed.

Sincerely yours,

(ORIGINAL) CARL C. TRAYWICK  
CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

cc:  
Washington (w/cy plan)  
Hobbs (w/cy plan)  
NMOCC, Santa Fe (ltr. only) ✓  
Com. Pub. Lands, Santa Fe (ltr. only)



# SKELLY OIL COMPANY

P. O. Box 1351 Midland, Texas 79701

November 11, 1969

Re: West Dollarhide Drinkard Unit  
Lea County, New Mexico

Director (6)  
United States Geological Survey  
P. O. Drawer 1857  
Roswell, New Mexico 88201

Commissioner of Public Lands (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

Oil Conservation Commission of (3)  
The State of New Mexico  
Capitol Annex Building  
Santa Fe, New Mexico 87501

All Working Interest Owners

Gentlemen:

In accordance with Section II of the Unit Agreement for the Development and Operation of the West Dollarhide Drinkard Unit, Lea County, New Mexico, Skelly Oil Company respectfully submits for your approval a report of past operations and a plan of development and operation for the waterflood unit for the year 1970.

## PAST OPERATIONS

The West Dollarhide Drinkard Unit became effective June 1, 1969. Work began immediately thereafter to install injection facilities for full-scale waterflood operations. Thirty-five wells (35) were converted to injection service and injection started in September 1969. Four additional wells (No. 3, 5, 7, and 9) are expected to be converted by the end of the year under the initial phase of well conversions.

The initial water injection rate was approximately 21,000 BWPD with injection pressure increasing to approximately 500# by November 1, 1969. Cumulative injection to November 1, 1969, is 858,255 barrels.

Cumulative oil production from the Unit Area since unitization was 74,718 barrels on October 1, 1969. The average daily producing rate during September 1969, was 549 barrels of oil. Operations were begun in October 1969 to consolidate producing facilities and install 4 well-test satellites. The producing system will be centralized into a common storage facility, except for Tract No. 23, where unsigned royalty is still outstanding, with a LACT and central gas sales connection. Recycling of produced water will commence as soon as these facilities are operational. Produced water has been injected via the West Dollarhide Queen Sand Unit injection facilities for the interim period.

CELEBRATING OUR



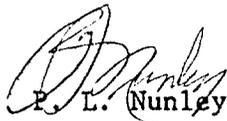
50th ANNIVERSARY

DEVELOPMENT PLANS FOR 1970

Plans are to continue operations under the planned 80-acre five-spot pattern into the thirty-nine (39) wells now being converted to injection service.

Conversion of the four (4) wells already approved for injection service along the east line of the Unit will be effected as suitable property line agreements can be finalized. This should occur in 1970. (Wells No. 39, 57, 73 and 86.)

Very truly yours,  
SKELLY OIL COMPANY

  
P. L. Nunley, Chairman  
WORKING INTEREST OWNERS COMMITTEE

OVS/ljm

Approved..... 19.....

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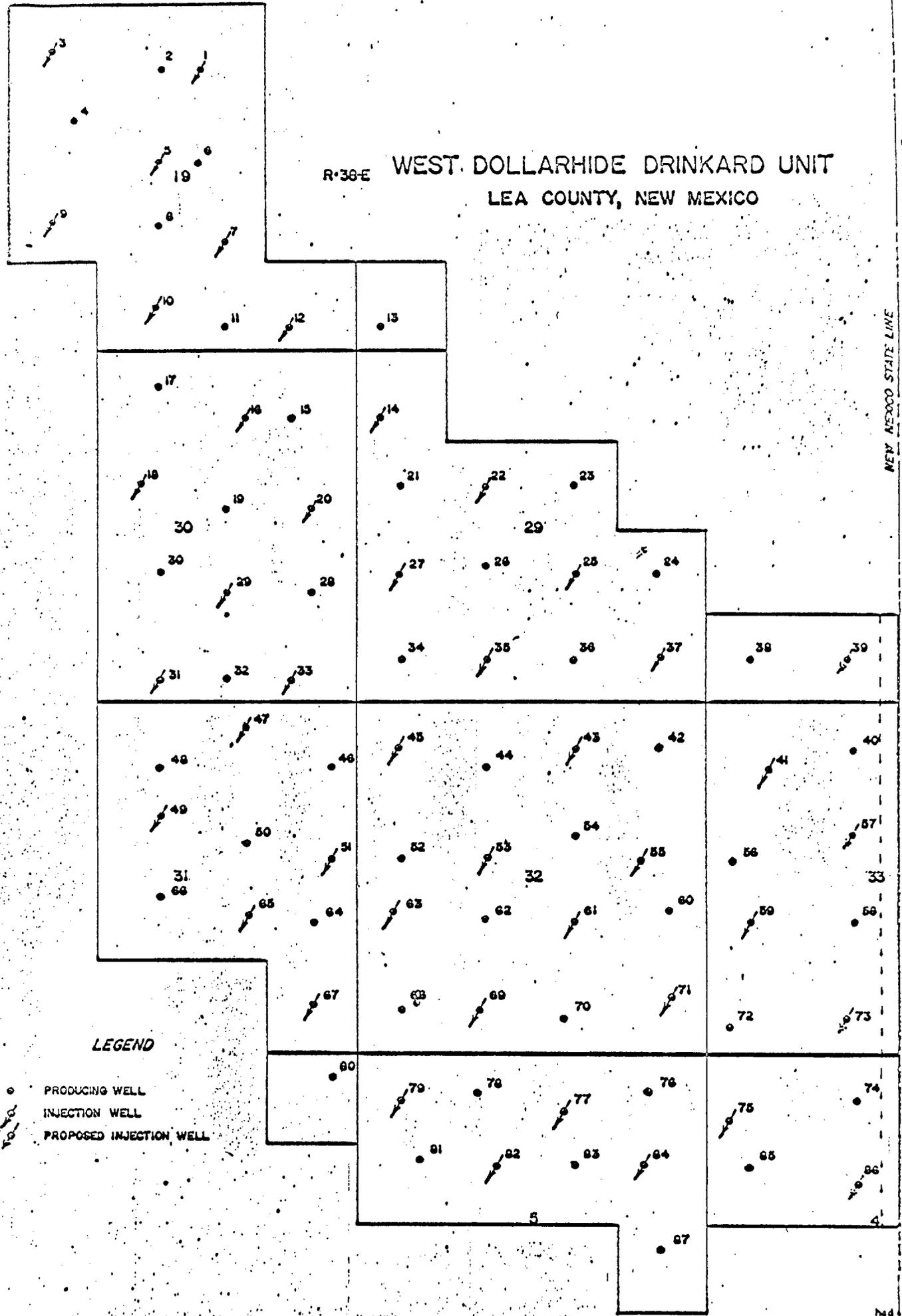
NEW MEXICO OIL FIELD DIVISION

Approved.....19

.....  
Secretary-Director

NEW MEXICO CONSERVATION COMMISSION

R-36-E WEST DOLLARHIDE DRINKARD UNIT  
LEA COUNTY, NEW MEXICO



LEGEND

- PRODUCING WELL
- INJECTION WELL
- PROPOSED INJECTION WELL

TEXAS STATE LINE

NEW MEXICO STATE LINE

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico 88201

IN REPLY REFER TO:

1969 SEP 9 AM 10

September 8, 1969

4153

Skelly Oil Company  
P. O. Box 1630  
Tulsa, Oklahoma 74102

Attention: Mr. Frank D. McAtee

Gentlemen:

We acknowledge receipt on September 8, 1969, of a ratification and joinder to the West Dollarhide Drinkard unit agreement, No. 14-08-0001-11570, Lea County, New Mexico, executed by Powhatan Carter, Jr., Trustee of the Estate of Powhatan Carter, III, reported royalty owner in fee land unit tract No. 25. Tract No. 25 was qualified for participation as of the effective date of the agreement.

Copies of the ratification and joinder are being distributed to the appropriate Federal offices.

Sincerely yours,

(202) 251-1111 CARL C. TRAYWICK

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

cc:  
Washington (w/cy joinder)  
Hobbs (w/cy joinder)  
BLM, Santa Fe (w/cy joinder)  
NMOCC, Santa Fe (ltr. only) ✓  
Com. Pub. Lands, Santa Fe (ltr. only)  
Accounting



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
Drawer 1857  
Roswell, New Mexico 88201

IN REPLY REFER TO:

July 30, 1969

4133

Skelly Oil Company  
P. O. Box 1650  
Tulsa, Oklahoma 74102

Attention: Mr. Frank D. McAtee

Gentlemen:

The following described instruments relative to the commitment of interests to the West Dollarhide Drinkard unit agreement, Lea County, New Mexico, were filed in this office on July 17, 1969:

1. One original and four copies of a joinder to the unit agreement, executed on June 23, 1969, by Elizabeth G. and Elmer L. Lockwood for the Estate of James H. Snowden, owner of a portion of the record title and working interest under Federal tracts Nos. 8(a) and 9(a).
2. Five copies of Power of Attorney to Elizabeth G. Lockwood by James H. Snowden.

The joinder listed above is held to be effective as of August 1, 1969. Unit tracts Nos. 8(a) and 9(a) were qualified for participation as of the effective date of the agreement. Copies of the joinder are being distributed to the Federal agencies concerned and one copy is returned herewith. It is requested that you furnish appropriate notice of this commitment to any other interested principal.

Sincerely yours,

cc:

Washington (w/cy joinder)  
Hobbs (w/cy joinder)  
BLM, Santa Fe (w/cy joinder)  
NMOCC, Santa Fe (ltr. only) ✓  
Com. of Pub. Lands, Santa Fe (ltr. only)  
Accounting

(ORIG. SGD.) JOHN A. ANDERSON  
JOHN A. ANDERSON  
Regional Oil and Gas Supervisor



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

IN REPLY REFER TO:

July 3, 1969

Skelly Oil Company  
P. O. Box 1650  
Tulsa, Oklahoma 74102

Attention: Mr. Frank D. McAtee

Gentlemen:

The following described instruments relative to the commitment of interests to the West Dollarhide Drinkard unit agreement, Lea County, New Mexico, were filed in this office on June 30, 1969:

1. One original and four copies each of two joinders to the unit agreement, executed on June 4 and June 16 by The First National Bank of Denver, trustee of the separate estates of Charles T. Lupton and Josephine M. Smith, respectively, overriding royalty interest owners under Federal tract No. 1.

The joinders listed above are held to be effective as of July 1, 1969. Copies of the joinders are being distributed to the Federal agencies concerned and one copy of each instrument is returned herewith. It is requested that you furnish appropriate notice of this commitment to any other interested principal.

Sincerely yours,

JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

cc:  
Washington (w/cy joinders)  
Hobbs (w/cy joinders)  
BIM, Santa Fe (w/cy joinders)  
NMOCC, Santa Fe (ltr. only) ✓  
Com. Pub. Lands, Santa Fe (ltr. only)  
Accounting

Drawer 1857  
Roswell, New Mexico 88201

MAIL ROOM

JUN 17 11 AM '69

June 16, 1969

Skelly Oil Company  
P. O. Box 1650  
Tulsa, Oklahoma 74102

Attention: Mr. Frank D. McAtee

Gentlemen:

Your letter of June 13, received on June 16, 1969, transmits a "Certificate of Effectiveness" for the West Dollarhide Drinkard unit agreement, Lea County, New Mexico, establishing the effective date of the unit agreement as June 1, 1969, pursuant to section 24 of the agreement.

Copies of the "Certificate of Effectiveness" are being distributed to the appropriate Federal offices.

Sincerely yours,

(SIGNED) CARL C. TRAYWICK

CARL C. TRAYWICK  
Acting Oil and Gas Supervisor

cc:  
Washington (w/cy certificate)  
Hobbs (w/cy certificate)  
BLM, Santa Fe (w/cy certificate)  
Com. of Pub. Lands, Santa Fe (ltr. only)  
NMOCC Santa Fe (ltr. only) ✓  
Accounts

Drawer 1857  
Roswell, New Mexico 88201

MAIN OFFICE

59 JUN 12 PM 12 59

41

June 10 1969

Skelly Oil Company  
P. O. Box 1650  
Tulsa, Oklahoma 74102

Attention: Mr. Frank D. McAtee

Gentlemen:

We acknowledge receipt on June 5, 1969, of a ratification and joinder to the West Dollarhide Drinkard unit agreement, No. 14-08-0001-11570, Lea County, New Mexico, executed by Continental National Bank of Fort Worth, Guardian of the Estate of Ford Bradish, Jr., reported basic royalty owner in fee land unit tracts Nos. 24 and 25.

Copies of the ratification and joinder are being distributed to the appropriate Federal offices.

Sincerely yours,

(ORIG. SGD) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

cc:  
Washington (w/cy joinder)  
Hobbs (w/cy joinder)  
BIM, Santa Fe (w/cy joinder)  
MHOCC, Santa Fe (ltr. only) ✓  
Com. Pub. Lands, Santa Fe (ltr. only)  
Accounting



31 PM 2 46

# SKELLY OIL COMPANY

P. O. BOX 1656

TULSA, OKLAHOMA 74102

PRODUCTION DEPARTMENT

C. L. BLACKSHER, VICE PRESIDENT

W. P. WHITMORE, MGR. PRODUCTION  
GEORGE W. SELINGER, MGR. CONSERVATION  
D. E. SMITH, MGR. TECHNICAL SERVICES  
J. R. TEEL, MGR. JOINT OPERATIONS

May 28, 1969

4100

Re: West Dollarhide Drinkard Unit  
Dollarhide Tubb-Drinkard Pool  
Lea County, New Mexico

Mr. A. L. Porter, Jr.  
New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Dear Mr. Porter:

This is to advise that our West Dollarhide Drinkard Unit, which was approved by Order No. R-3764, will go into effect June 1, 1969.

We are attaching for your information two copies of a list indicating the new unit well numbers, the former operator, and the former lease and well numbers.

Yours very truly,

NPM:br  
Attach. 2

CELEBRATING OUR



50th ANNIVERSARY

WEST DOLLARHIDE DRINKARD UNIT

LEA COUNTY, NEW MEXICO

OPERATED BY SKELLY OIL COMPANY

<u>Unit Well No.</u>	<u>Former Operator</u>	<u>Former Lease and Well Number</u>
1	Atlantic-Richfield Co.	McClure "B" Well No. 21
2	Texaco, Inc.	W. L. Stephens Est. Well No. 1
3	Texaco, Inc.	W. L. Stephens Est. Well No. 2
4	Texaco, Inc.	Royalty Holding Co. Well No. 1
5	Texaco, Inc.	United Royalty "A" Well No. 3
6	Atlantic-Richfield Co.	McClure "B" Well No. 20
7	Atlantic-Richfield Co.	McClure "B" Well No. 19
8	Texaco, Inc.	United Royalty "A" Well No. 4
9	Texaco, Inc.	E. M. Byers Well No. 1
10	Texaco, Inc.	United Royalty "A" Well No. 5
11	Atlantic-Richfield Co.	McClure "A" Well No. 17
12	Atlantic-Richfield Co.	McClure "B" Well No. 18
13	Gulf Oil Corporation	W. A. Ramsey NCT-D Well No. 3
14	Skelly Oil Company	Mexico "K" Well No. 15
15	Atlantic-Richfield Co.	McClure "B" Well No. 14
16	Atlantic-Richfield Co.	McClure "A" Well No. 16
17	Ralph Lowe	F. Hair Well No. 2
18	Ralph Lowe	F. Hair Well No. 1
19	Atlantic-Richfield Co.	McClure "A" Well No. 2
20	Atlantic-Richfield Co.	McClure "A" Well No. 8
21	Skelly Oil Company	Mexico "K" Well No. 12
22	Skelly Oil Company	Mexico "K" Well No. 13
23	Skelly Oil Company	Mexico "K" Well No. 14
24	Skelly Oil Company	Mexico "K" Well No. 10
25	Skelly Oil Company	Mexico "K" Well No. 9
26	Skelly Oil Company	Mexico "K" Well No. 8
27	Skelly Oil Company	Mexico "K" Well No. 6
28	Atlantic-Richfield Co.	McClure "A" Well No. 6
29	Atlantic-Richfield Co.	McClure "A" Well No. 5
30	Atlantic-Richfield Co.	L. E. Vance Well No. 2
31	Atlantic-Richfield Co.	L. E. Vance Well No. 1
32	Atlantic-Richfield Co.	McClure "A" Well No. 4
33	Atlantic-Richfield Co.	McClure "A" Well No. 1
34	Skelly Oil Company	Mexico "K" Well No. 2
35	Skelly Oil Company	Mexico "K" Well No. 4
36	Skelly Oil Company	Mexico "K" Well No. 5
37	Skelly Oil Company	Mexico "K" Well No. 1
38	Gulf Oil Corporation	W. A. Ramsey NCT-D Well No. 1
39	Gulf Oil Corporation	W. A. Ramsey NCT-D Well No. 2
40	Gulf Oil Corporation	H. Leonard NCT-H Well No. 2
41	Gulf Oil Corporation	H. Leonard NCT-G Well No. 11
42	Pan American	State "Y" Well No. 3
43	Pan American	State "Y" Well No. 10
44	Pan American	State "Y" Well No. 9
45	Pan American	State "Y" Well No. 6
46	Elliott Production Co.	Elliott Fed. "H" Well No. 2
47	Elliott Production Co.	Elliott Fed. "H" Well No. 7
48	Elliott Production Co.	Elliott "S" Well No. 2

<u>Unit Well No.</u>	<u>Former Operator</u>	<u>Former Lease and Well Number</u>
49	Sunshine Royalty Co.	Elliott Fed. Well No. 1
50	Elliott Production Co.	Elliott Fed. "H" Well No. 6
51	Elliott Production Co.	Elliott "R" Well No. 1
52	Pan American	State "Y" Well No. 2
53	Pan American	State "Y" Well No. 8
54	Pan American	State "Y" Well No. 5
55	Pan American	State "Y" Well No. 11
56	Gulf Oil Corporation	H. Leonard NCT-G Well No. 21
57	Gulf Oil Corporation	H. Leonard NCT-I Well No. 2
58	Gulf Oil Corporation	H. Leonard NCT-G Well No. 13
59	Gulf Oil Corporation	H. Leonard NCT-G Well No. 14
60	Skelly Oil Company	Mexico "J" Well No. 15
61	Skelly Oil Company	Mexico "J" Well No. 9
62	Skelly Oil Company	Mexico "J" Well No. 10
63	Skelly Oil Company	Mexico "J" Well No. 7
64	Texaco, Inc.	J. B. McGhee Well No. 1
65	Texaco, Inc.	J. B. McGhee Well No. 6
66	Texaco, Inc.	J. B. McGhee Well No. 8
67	Texaco, Inc.	J. B. McGhee Well No. 7
68	Skelly Oil Company	Mexico "J" Well No. 21
69	Skelly Oil Company	Mexico "J" Well No. 20
70	Skelly Oil Company	Mexico "J" Well No. 19
71	Skelly Oil Company	Mexico "J" Well No. 16
72	Gulf Oil Corporation	H. Leonard NCT-G Well No. 23
73	Gulf Oil Corporation	H. Leonard NCT-G Well No. 15
74	Gulf Oil Corporation	H. Leonard NCT-G Well No. 10
75	Gulf Oil Corporation	H. Leonard NCT-G Well No. 19
76	Skelly Oil Company	Mexico "L" Well No. 16
77	Skelly Oil Company	Mexico "L" Well No. 17
78	Skelly Oil Company	Mexico "L" Well No. 14
79	Skelly Oil Company	Mexico "L" Well No. 15
80	Atlantic-Richfield Co.	Lea State 263 Well No. 3
81	Skelly Oil Company	Mexico "L" Well No. 21
82	Skelly Oil Company	Mexico "L" Well No. 20
83	Skelly Oil Company	Mexico "L" Well No. 19
84	Skelly Oil Company	Mexico "L" Well No. 18
85	Gulf Oil Corporation	H. Leonard NCT-G Well No. 20
86	Gulf Oil Corporation	H. Leonard NCT-G Well No. 12
87	Texaco, Inc.	C. E. Penney Well No. 6



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

4132

Drawer 1887  
Roswell New Mexico 88201

May 27 1969

MAIL OFFICE

'69 MAY 28 AM 8 46

Snelly Oil Company  
P. O. Box 1650  
Tulsa, Oklahoma 74102

Gentlemen:

Your initial plan of operation covering secondary recovery operations for the West Hollaishide Driftland unit, Lea County, New Mexico, has been approved on this date, subject to like approval by the appropriate State officials.

One approved copy of the plan is enclosed.

Sincerely yours

(ORIG. SGD) JOHN A. ANDERSON

JOHN A. ANDERSON  
Regional Oil and Gas Supervisor

cc:  
Washington (w/cy plan)  
Hobbs (w/cy plan)  
NMOCC, Santa Fe (ltr. only) ✓  
Com. Pub. Lands Santa Fe (ltr. only)



IN REPLY REFER TO:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Drawer 1857  
Roswell, New Mexico 88201

MAIN OFFICE

'69 MAY 28 AM 8 46

May 25 1969

4133

Skelly Oil Company  
P. O. Box 1630  
Tulsa, Oklahoma 74102

Attention: Mr. Frank D. Matinec

Gentlemen:

On May 20, 1967, the Regional Oil and Gas Supervisor approved the West Dallardide Driftland unit agreement, Lea County, New Mexico, owned by Skelly Oil Company, unit operator. This agreement has been designated No. 14-08-0001-11573 and will be effective June 1, 1969, pursuant to Section 24 thereof.

Enclosed is one copy of the approved agreement for your records. We request that you furnish the State of New Mexico and other interested principals with appropriate evidence of this approval.

Sincerely yours,

(ORIG. SCD) JOHN A. ANDERSON

JOHN A. ANDERSON  
Oil, Gas and Coal Supervisor

cc:  
Washington (w/cy appd. agt.)  
BLH, Santa Fe (w/cy appd. agt.)  
Hobbs (w/cy appd. agt.)  
VanSickle (ltr. only)  
MOCC, Santa Fe (ltr. only) ✓  
Land Commissioner, Santa Fe (ltr. only)

1969 MAY 22 P.M. 10

*Handwritten mark*

May 21, 1969

C  
O  
P  
Y

Skelly Oil Company  
P. O. Box 1650  
Tulsa, Oklahoma 74101

Re: West Dellarhide Brinkard  
Unit  
Les County, New Mexico

ATTENTION: Mr. Barton W. Ratliff

Gentlemen:

The Commissioner of Public Lands has this date approved your West Dellarhide Brinkard Unit, Les County, New Mexico, subject to like approval by the United States Geological Survey and the Oil Conservation Commission.

Enclosed are five (5) Certificates of Approval.

This Unit Agreement is effective upon approval by the United States Geological Survey, therefore, please furnish us a copy of their Certificate of Determination immediately so we may process this unit.

Very truly yours,

Ted Silberry, Director  
Oil and Gas Department

AJA/TE/ML/s  
encls.

cc: USGS-Roswell, New Mexico  
OCC- Santa Fe, New Mexico



# OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO  
P. O. BOX 2088 - SANTA FE  
87501

GOVERNOR  
DAVID F. CARGO  
CHAIRMAN

LAND COMMISSIONER  
ALEX J. ARMIJO  
MEMBER

STATE GEOLOGIST  
A. L. PORTER, JR.  
SECRETARY - DIRECTOR

May 23, 1969

Mr. Ronald Jacobs  
Skelly Oil Company  
Post Office Box 1650  
Tulsa, Oklahoma 74102

Re: Case No. 4133  
Order No. R-3764  
Applicant:  
Skelly Oil Company

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. PORTER, Jr.  
Secretary-Director

ALP/ir

Copy of order also sent to:

Hobbs OCC   x  

Artesia OCC           

Aztec OCC           

Other           Unit Division - State Land Office          

U. S. Geological Survey - Roswell, New Mexico

DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent as a fast telegram	
TELEGRAM	<input checked="" type="checkbox"/>
DAY LETTER	<input type="checkbox"/>
NIGHT LETTER	<input type="checkbox"/>

# WESTERN UNION TELEGRAM

1206 (4-55)

W. P. MARSHALL, PRESIDENT

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise the message will be sent at the full rate	
FULL RATE	<input type="checkbox"/>
LETTER TELEGRAM	<input type="checkbox"/>
SHORE-SHIP	<input type="checkbox"/>

NO. WDS.-CL. OF SVC.	PD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED
	<b>Paid</b>		<b>OIL CONSERVATION COMMISSION</b>	<b>3:30 p.m.</b>

Send the following message, subject to the terms on back hereof, which are hereby agreed to

**MAY 23, 1969**

**MR. JOHN ANDERSON  
UNITED STATES GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO.**

**THE NEW MEXICO OIL CONSERVATION COMMISSION HAS THIS DATE APPROVED SKELLY  
OIL COMPANY'S WEST DOLLARHIDE DRINKARD UNIT AGREEMENT, ORDER NO. R-3764  
IN CASE 4133. ORDER WILL FOLLOW.**

**A. L. PORTER, Jr., SECRETARY-DIRECTOR  
NEW MEXICO OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO**