

State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

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

#1314

March 30, 1989

Unocal Oil and Gas Division
P.O. Box 671
Midland, Texas 79702

ATTN: Linda Hicks

RE: 1989 Plan of Development
South Vacuum Unit
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has this date approved the above captioned 1989 Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

Enclosed is a copy for your files.

If we may be of further help, please do not hesitate to contact us.

Very truly yours,

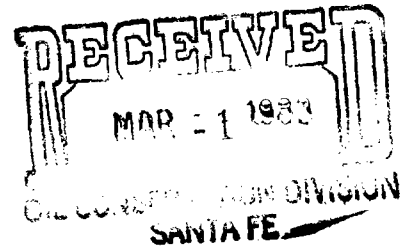
W.R. HUMPHRIES
COMMISSIONER OF PUBLIC LANDS

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

cc:OCD
BLM

Unocal Oil & Gas Division
Unocal Corporation
1004 North Big Spring Street, P.O. Box 671
Midland, Texas 79702
Telephone (915) 682-9731

UNOCAL 76



February 23, 1989

Midland District
Central Region

Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. William J. LeMay,
Director

1989 Plan of Development
South Vacuum Unit
Vacuum/S Prospect (7459)
Lea County, New Mexico

Gentlemen:

Please find enclosed for your approval two copies of Union's 1989 Plan of Development for the South Vacuum Unit.

Should you have any questions, please let me know.

Sincerely yours,

Union Oil Company of California

A handwritten signature in cursive script that reads "Linda H. Hicks".

Linda H. Hicks
Landman

LHH:jpp

Enclosures

1989 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. William J. LeMay,
Director

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development of the South Vacuum Unit for the period ending December 31, 1989.

SUMMARY OF 1988 OPERATIONS:

No new wells were drilled in 1988. The Unit produced a total of 16,335 BO for 1988. Unit wells 35-1 and 35-3 are currently producing at a total rate of 42 BOPD.

PLAN OF DEVELOPMENT FOR 1989

No new wells are planned to be drilled in 1989.

Submitted this 24 day of February, 1989.

Sincerely yours,

Union Oil Company of California


Hugh H. Herndon
District Land Manager

HHH:LHH:jpp

South Vacuum Unit

000000

000000

000000

Prod Rate (BOPM)

0000

0001

12.51

18.61

28.61

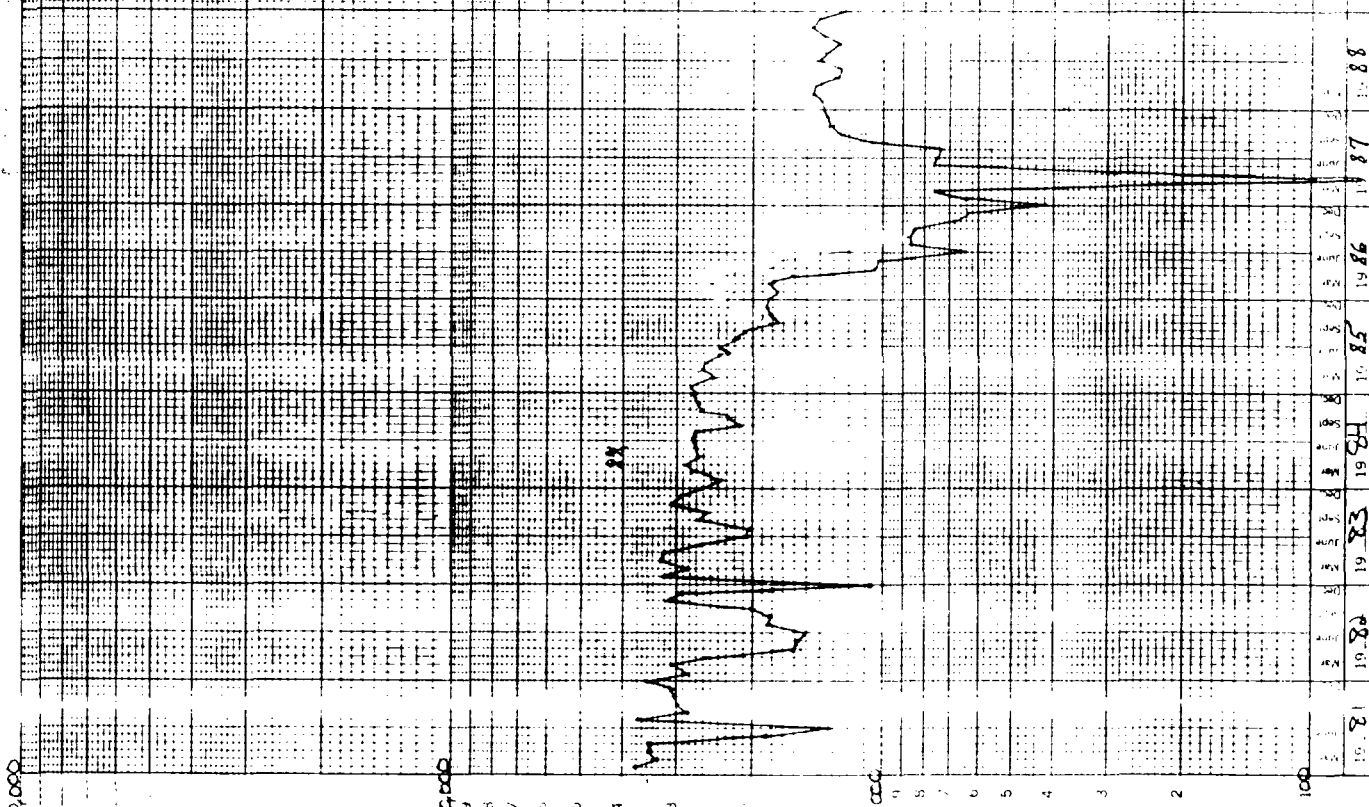
18.61

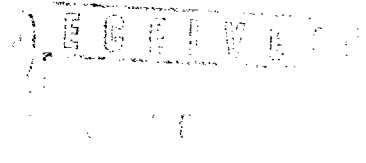
58.61

98.61

48.61

88.61





State of New Mexico
Commissioner of Public Lands

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

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

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

January 21, 1998

Paladin Energy Corporation
10290 Monroe Drive
Suite 301
Dallas, Texas 75229-5718

Attn: Mr. Richard G. Fuerman

Re: Resignation/Designation of Successor Unit Operator
South Vacuum Unit
Lea County, New Mexico

Dear Mr. Fuerman:

We are in receipt of your resignation/designation of successor unit operator, wherein Universal Resources Corporation has resigned as unit operator of the South Vacuum Unit and designated Paladin Energy Corporation as the successor unit operator.

The Commissioner of Public Lands has this date approved the resignation of Universal Resources Corporation and the designation of Paladin Energy Corporation as the successor unit operator of this unit.

This change in operators is effective October 1, 1997. In accordance with this approval, Paladin Energy Corporation 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.

Very truly yours,

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

A handwritten signature in cursive script, appearing to read "Jami Bailey", is written over the typed name.

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

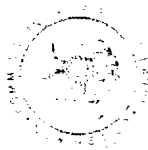
RP/IB/cpm

xc: Reader File

OCD-Roy Johnson

TRD

Universal Resources Corporation



COMMERCIAL RESOURCES
(505)-827-5724

SURFACE RESOURCES
(505)-827-5793

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

February 12, 1997

Universal Resources Corporation
1331 17th Street, Suite 300
Denver, Colorado 80202

FEB 18 1997

Attn: Mr. A.L. Stennett

Re: 1997 Plan of Development
South Vacuum Unit
Lea County, New Mexico

Dear Mr. Stennett:

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.


Our records reflect that the Reeves 26 Well No. 2, SE/4SW/4, Section 26-18S-35E is not located on committed acreage. Thus, this well is not considered a unit well and will not hold the South Vacuum Unit Agreement should production cease from the committed acreage.

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



UNIVERSAL RESOURCES CORPORATION

1331 SEVENTEENTH STREET, SUITE 300 • DENVER, COLORADO 80202 • PHONE (303) 672-6960 • FAX (303) 672-6990

January 28, 1997

STATE OF NEW MEXICO
Commissioner of Public Lands
310 Old Santa Fe Trail
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

STATE OF NEW MEXICO
Oil Conservation Division
Energy, Mineral & Natural Resources Dept.
2040 South Pacheco
Santa Fe, New Mexico 87505

CERTIFIED MAIL

D-
Unit letter
turn

RE: 1997 Plan of Development
Wilson Deep Unit
Lea County, New Mexico

1997 Plan of Development
South Vacuum Unit
Lea County, New Mexico

Gentlemen:

A 1997 Plan of Development is enclosed for each of the two (2) referenced units. Upon approval, please advise the undersigned and Universal Resources Corporation will provide each of you evidence of the other's approval.

Sincerely,

UNIVERSAL RESOURCES CORPORATION

A L Stennett

A. L. STENNETT
Senior Landman

ALS/lc
Enclosure

1997 PLAN OF DEVELOPMENT

SOUTH VACUUM UNIT Lea County, New Mexico

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit, Universal Resources Corporation, as Operator, respectively submits for approval the 1997 Plan of Development for the South Vacuum Unit.

SUMMARY OF 1996 OPERATIONS

No new wells were drilled in 1996. The South Vacuum No. 3-35 and Reeves No. 26-2 wells produced a total of 26,415 barrels of oil and 6,964 MCF of gas in 1996. The No. 1-26 and No. 1-35 are currently inactive.

PLAN OF DEVELOPMENT FOR 1997

Universal plans to abandon the current Devonian completion in the South Vacuum Unit No. 1-35 well and attempt completions in the Strawn formation at approximately 10,600', Wolfcamp at approximately 10,500', and Bone Springs at approximately 8,900'. No additional workovers are planned at this time.

Submitted this 28th day of January, 1997.

UNIVERSAL RESOURCES CORPORATION
1331-17th Street
Suite 300
Denver, Colorado 80202

CASE: 45 SOUTH VACUUM UNIT No. 3-35

VACUUM, S

LE , NM

UNIVERSAL RES CORP

DATE: 01/24/97

TIME: 14:50:33

PAGE: 2

URCPMC97.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF
PRIOR	1234221	44299	18953871	36	93.89	1,234,221	44,299
1/96	867	332	84285	383	98.98	1,235,088	44,631
2/96	820	321	84786	391	99.04	1,235,908	44,952
3/96	824	0	84786	0	99.04	1,236,732	44,952
4/96	566	362	84786	640	99.34	1,237,298	45,314
5/96	620	169	122143	273	99.49	1,237,918	45,483
6/96	687	129	84786	188	99.20	1,238,605	45,612
7/96	685	214	71013	312	99.04	1,239,290	45,826
8/96	747	254	81653	340	99.09	1,240,037	46,080
9/96	721	262	82944	363	99.14	1,240,758	46,342
10/96	592	246	80671	416	99.27	1,241,350	46,588
11/96	873	151	89597	173	99.04	1,242,223	46,739
12/96	800	130	88361	163	99.10	1,243,023	46,869
TOT/96	8802	2570	1039811	292		1,243,023	46,869
TOTAL	1243023	46869	19993682	38		1,243,023	46,869

CASE: 44 REEVES 26-2
VACUUM, S
LE , NM
UNIVERSAL RES CORP

DATE: 01/24/97
TIME: 14:50:32
PAGE: 1
URCPMC97.DBS

P R O D U C T I O N L E D G E R

DATE	OIL, BBL	GAS, MCF	WATER, BBL	GOR, CF/BBL	WATER CUT, %	CUM OIL, BBL	CUM GAS, MCF
PRIOR	1416367	40807	12013361	29	89.45	1,416,367	40,807
1/96	1568	319	100758	203	98.47	1,417,935	41,126
2/96	1478	349	97636	236	98.51	1,419,413	41,475
3/96	1546	413	97636	267	98.44	1,420,959	41,888
4/96	1473	445	97636	302	98.51	1,422,432	42,333
5/96	1368	476	96590	348	98.60	1,423,800	42,809
6/96	1394	382	97636	274	98.59	1,425,194	43,191
7/96	1287	283	69266	220	98.18	1,426,481	43,474
8/96	1381	253	97321	183	98.60	1,427,862	43,727
9/96	1469	262	101306	178	98.57	1,429,331	43,989
10/96	1602	467	107151	292	98.53	1,430,933	44,456
11/96	1513	450	103702	297	98.56	1,432,446	44,906
12/96	1534	295	106377	192	98.58	1,433,980	45,201
TOT/96	17613	4394	1173015	249		1,433,980	45,201
TOTAL	1433980	45201	13186376	32		1,433,980	45,201

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

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

September 24, 1996

Universal Resources Corporation
1331 17th Street
Suite 800
Denver, Colorado 80202

Attn: Mr. A. L. Stennett

Re: Resignation/Designation of Successor Unit Operator
South Vacuum Unit
Lea County, New Mexico

Dear Mr. Stennett:

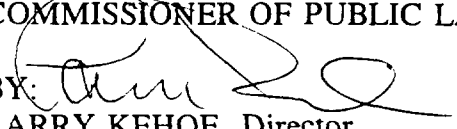
We have received a resignation/designation of successor unit operator, wherein Dallas Production, Inc. resigned as unit operator of the South Vacuum Unit, and designated Universal Resources Corporation as the successor unit operator.

The Commissioner of Public Lands has this date approved the resignation/designation described herein. This change in operators is effective October 1, 1996. In accordance with this approval, Universal Resources Corporation is now responsible for all operations and the reporting of all production from the unit. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

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: 
LARRY KEHOE, Director
Oil, Gas & Minerals Division
(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File Commissioner's File OCD-Roy Johnson TRD Dallas Production Inc.



#1314

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

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

February 19, 1996

Dallas Production, Inc.
4600 Greenville Avenue
Dallas, Texas 75206-5038

Attn: Ms. Blythe Adkins

Re: 1996 Plan of Development
South Vacuum Unit
Lea County, New Mexico

Dear Ms. Adkins:


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 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: 
LARRY KEHOE, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/LK/cpm

Enclosure

cc: Reader File

OCD

TRD

1996 PLAN OF DEVELOPMENT

SOUTH VACUUM UNIT
Lea County, New Mexico

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

Attn: Mr. James B. Lewis, Director
Oil and Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Dallas Production, Inc. (DPI), as Operator, respectively submits for approval the 1996 Plan of Development for the South Vacuum Unit for the period ending December 31, 1996.

SUMMARY OF 1995 OPERATIONS

✓ No new wells were drilled in 1995. The wells produced a total of 9,008 barrels of oil and 1536 MCF of gas in 1995.

PLAN OF DEVELOPMENT FOR 1996

✓ DPI plans to abandon the current Devonian completion in the South Vacuum Unit #1-35 Well and attempt to complete in the Bones Springs Formation at approximately 8,890 feet. No additional workovers are planned at this time.

Submitted this 13th day of February, 1996.

Sincerely yours,

DALLAS PRODUCTION, INC.



Blythe Adkins, CPL
Manager of Land

REPORT NO: PHS27
RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
PRODUCTION FORECASTING SYSTEM
PRODUCTION SUMMARY REPORT

PAGE NO: 4

WELL : 605410 VACUUM SO 3-35 DISTRICT : 40 DALLAS WELL TYPE : OIL
FACILITY : 605410 VACUUM SO 3-35 NATION/ST: 001 30 NEW MEXICO UPPER PERF:
LEASE : 15942 SOUTH VACUUM UNIT COUNTY : 025 LEA LOWER PERF:
FIELD : 62010 VACUUM DEVONIAN, SOUTH OPERATOR : 1 DALLAS PRODUCTION, INC. COMPLETED : 00/00/00
RESERVOIR: STATUS : AC ACT ON LINE : 00/00/00

----- AVERAGE DAILY PRODUCTION -----													--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION -----		
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER	OIL	GAS	WATER					
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)	(BBL)	(MCF)	(BBL)					
JAN-95	25	1	23.0	7	335	3160	99.2	575	193	79012	2,317	573	270,311					
JAN-95	REMARKS		OIL SPILL; LOW PRESSURE															
FEB-95	28	1	30.4	7	248	2912	98.9	852	212	81540	3,169	785	351,851					
MAR-95		1						0	0	0	3,169	785	351,851					
MAR-95	REMARKS		TA 3-10-95															
APR-95	30	1						0	0	0	3,169	785	351,851					
MAY-95	13	1	25.9			1332	98.0	337	0	17324	3,506	785	369,175					
MAY-95	REMARKS		ESP REPL; REACTIVATE LEASE															
JUN-95	28	1	16.0			2046	99.2	448	0	57312	3,954	785	426,487					
JUN-95	REMARKS		PULL MOTOR															
JUL-95	31	1	32.4			1901	98.3	1003	0	58954	4,957	785	485,441					
AUG-95	30	1	30.6			2559	98.8	919	0	76798	5,876	785	562,239					
AUG-95	REMARKS		WATER TANK LEVEL HIGH															
SEP-95	29	1	28.4	9	323	2559	98.9	823	266	74238	6,699	1,051	636,477					
SEP-95	REMARKS		PRESS SWITCH OUT															
OCT-95	30	1	28.5	7	256	2809	98.9	854	219	84274	7,553	1,270	720,751					
OCT-95	REMARKS		FL REPR															
NOV-95	30	1	30.5			2898	98.9	915	0	86955	8,468	1,270	807,706					
DEC-95	31	1	28.5	9	342	2780	98.9	883	302	86185	9,351	1,572	893,891					
95	305	1	24.9	3	156	2303	98.9	7609	1192	702592	9,351	1,572	893,891					

TOTAL	305	1	24.9	3	156	2303	98.9	7609	1192	702592	9,351	1,572	893,891					

9008 LBS BBL
1536 MCF

RECEIVED
796 FEB 15 PM 8 11
STATE OF NEW YORK
SANTA BARBARA

REPORT NO: PHS27
 RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
 PRODUCTION FORECASTING SYSTEM
 PRODUCTION SUMMARY REPORT

PAGE NO: 1

WELL : 605407	VACUUM SO 1-26 (INA)	DISTRICT : 40	DALLAS	WELL TYPE : OIL
FACILITY : 605407	VACUUM SO 1-26 (INA)	NATION/ST: 001 30	NEW MEXICO	UPPER PERF:
LEASE : 15942	SOUTH VACUUM UNIT	COUNTY : 025	LEA	LOWER PERF:
FIELD : 62010	VACUUM DEVONIAN, SOUTH	OPERATOR : 1	DALLAS PRODUCTION, INC.	COMPLETED : 00/00/00
RESERVOIR:		STATUS : NP	NON-PRODUCING	ON LINE : 00/00/00

----- AVERAGE DAILY PRODUCTION -----				--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION -----			
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)
JAN-95	31	1						0	0	0
FEB-95	28	1						0	0	0
MAR-95	31	1						0	0	0
APR-95	30	1						0	0	0
MAY-95	31	1						0	0	0
JUN-95	30	1						0	0	0
JUL-95	31	1						0	0	0
AUG-95	31	1						0	0	0
SEP-95	30	1						0	0	0
OCT-95	31	1						0	0	0
NOV-95	30	1						0	0	0
DEC-95	31	1						0	0	0
95	365	1						0	0	0
TOTAL	365	1						0	0	0

RECEIVED
'88 FEB 15 AM 8 11
STATE POLICE OFFICE
SANTA ANA, CALIF.

REPORT NO: PHS27
 RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
 PRODUCTION FORECASTING SYSTEM
 PRODUCTION SUMMARY REPORT

PAGE NO: 2

WELL : 605408	VACUUM SO 1-35 (INA)	DISTRICT : 40	DALLAS	WELL TYPE : OIL
FACILITY : 605408	VACUUM SO 1-35 (INA)	NATION/ST: 001 30	NEW MEXICO	UPPER PERF:
LEASE : 15942	SOUTH VACUUM UNIT	COUNTY : 025	LEA	LOWER PERF:
FIELD : 62010	VACUUM DEVONIAN, SOUTH	OPERATOR : 1	DALLAS PRODUCTION, INC.	COMPLETED : 00/00/00
RESERVOIR:		STATUS : NP	NON-PRODUCING	ON LINE : 00/00/00

		----- AVERAGE DAILY PRODUCTION -----						--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION ---		
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER	OIL	GAS	WATER
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)	(BBL)	(MCF)	(BBL)
JAN-95	25	1	22.2	3	170	1556	98.5	556	95	38916	1,059	324	151,743
JAN-95	REMARKS		OIL SPILL; LOW PRESSURE										
FEB-95	28	1	11.7	3	317	1434	99.1	328	104	40161	1,387	428	191,904
MAR-95	27	1	19.1	5	281	1707	98.8	515	145	46102	1,902	573	238,006
MAR-95	REMARKS		TA 3-27-95;ELEC MOTOR BURNED UP										
APR-95		1						0	0	0	1,902	573	238,006
APR-95	REMARKS		WORKOVER										
MAY-95		1						0	0	0	1,902	573	238,006
MAY-95	REMARKS		TA 3\30\95										
JUN-95	30	1						0	0	0	1,902	573	238,006
JUL-95	31	1						0	0	0	1,902	573	238,006
AUG-95	31	1						0	0	0	1,902	573	238,006
SEP-95	30	1						0	0	0	1,902	573	238,006
OCT-95	31	1						0	0	0	1,902	573	238,006
NOV-95	30	1						0	0	0	1,902	573	238,006
DEC-95	31	1						0	0	0	1,902	573	238,006
95	294	1	4.8	1	245	425	98.8	1399	344	125179	1,902	573	238,006

TOTAL	294	1	4.8	1	245	425	98.8	1399	344	125179	1,902	573	238,006

REPORT NO: PHS27
 RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
 PRODUCTION FORECASTING SYSTEM
 PRODUCTION SUMMARY REPORT

PAGE NO: 3

WELL : 605409	REEVES 26 #2	DISTRICT : 40	DALLAS	WELL TYPE : OIL
FACILITY : 605409	REEVES 26 #2	NATION/ST: 001 30	NEW MEXICO	UPPER PERF:
LEASE : 15939	REEVES 26	COUNTY : 025	LEA	LOWER PERF:
FIELD : 62010	VACUUM DEVONIAN, SOUTH	OPERATOR : 1	DALLAS PRODUCTION, INC.	COMPLETED : 00/00/00
RESERVOIR:		STATUS : AC	ACT	ON LINE : 00/00/00

			----- AVERAGE DAILY PRODUCTION -----					--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION -----		
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER	OIL	GAS	WATER
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)	(BBL)	(MCF)	(BBL)
JAN-95	31	1	40.2	9	240	2564	98.4	1245	299	79492	3,654	971	236,769
FEB-95	28	1	40.5	9	234	2590	98.4	1135	266	72546	4,789	1,237	309,315
MAR-95	31	1	40.8	10	248	2728	98.5	1265	314	84579	6,054	1,551	393,894
APR-95	23	1	40.6	8	204	2384	98.3	934	191	54834	6,988	1,742	448,728
APR-95	REMARKS		ESP REPLACEMENT										
MAY-95	30	1	49.3	14	302	3203	98.4	1480	447	96089	8,468	2,189	544,817
MAY-95	REMARKS		ELEC OFF										
JUN-95	30	1	55.6	14	253	2679	97.9	1667	422	80372	10,135	2,611	625,189
JUL-95	31	1	55.0	14	265	2460	97.8	1705	453	76282	11,840	3,064	701,471
AUG-95	25	1	56.0	16	287	2915	98.1	1401	403	72877	13,241	3,467	774,348
AUG-95	REMARKS		REPAIR ESP'S										
SEP-95	22	1	54.2	13	256	3058	98.2	1192	306	67279	14,433	3,773	841,627
SEP-95	REMARKS		FL LEAK										
OCT-95	31	1	55.5	12	226	3397	98.3	1721	389	105316	16,154	4,162	946,943
NOV-95	30	1	53.1	13	260	3321	98.4	1592	414	99648	17,746	4,576	1,046,591
DEC-95	31	1	52.0	10	207	3125	98.3	1612	335	96904	19,358	4,911	1,143,495
95	343	1	49.4	12	250	2875	98.3	16949	4239	986218	19,358	4,911	1,143,495
TOTAL	343	1	49.4	12	250	2875	98.3	16949	4239	986218	19,358	4,911	1,143,495

1996 PLAN OF DEVELOPMENT

SOUTH VACUUM UNIT
Lea County, New Mexico

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

Attn: Mr. James B. Lewis, Director
Oil and Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Dallas Production, Inc. (DPI), as Operator, respectively submits for approval the 1996 Plan of Development for the South Vacuum Unit for the period ending December 31, 1996.

SUMMARY OF 1995 OPERATIONS

No new wells were drilled in 1995. The wells produced a total of 9,008 barrels of oil and 1536 MCF of gas in 1995.

PLAN OF DEVELOPMENT FOR 1996

DPI plans to abandon the current Devonian completion in the South Vacuum Unit #1-35 Well and attempt to complete in the Bones Springs Formation at approximately 8,890 feet. No additional workovers are planned at this time.

Submitted this 13th day of February, 1996.

Sincerely yours,

DALLAS PRODUCTION, INC.

A handwritten signature in cursive script, appearing to read "Blythe Adkins".

Blythe Adkins, CPL
Manager of Land

REPORT NO: PHS27
RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
PRODUCTION FORECASTING SYSTEM
PRODUCTION SUMMARY REPORT

PAGE NO: 4

WELL : 605410 VACUUM SO 3-35 DISTRICT : 40 DALLAS WELL TYPE : OIL
FACILITY : 605410 VACUUM SO 3-35 NATION/ST: 001 30 NEW MEXICO UPPER PERF:
LEASE : 15942 SOUTH VACUUM UNIT COUNTY : 025 LEA LOWER PERF:
FIELD : 62010 VACUUM DEVONIAN, SOUTH OPERATOR : 1 DALLAS PRODUCTION, INC. COMPLETED : 00/00/00
RESERVOIR: STATUS : AC ACT ON LINE : 00/00/00

----- AVERAGE DAILY PRODUCTION -----										--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION ---		
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER	OIL	GAS	WATER		
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)	(BBL)	(MCF)	(BBL)		
JAN-95	25	1	23.0	7	335	3160	99.2	575	193	79012	2,317	573	270,311		
JAN-95	REMARKS		OIL SPILL; LOW PRESSURE												
FEB-95	28	1	30.4	7	248	2912	98.9	852	212	81540	3,169	785	351,851		
MAR-95		1						0	0	0	3,169	785	351,851		
MAR-95	REMARKS		TA 3-10-95												
APR-95	30	1						0	0	0	3,169	785	351,851		
MAY-95	13	1	25.9			1332	98.0	337	0	17324	3,506	785	369,175		
MAY-95	REMARKS		ESP REPL; REACTIVATE LEASE												
JUN-95	28	1	16.0			2046	99.2	448	0	57312	3,954	785	426,487		
JUN-95	REMARKS		PULL MOTOR												
JUL-95	31	1	32.4			1901	98.3	1003	0	58954	4,957	785	485,441		
AUG-95	30	1	30.6			2559	98.8	919	0	76798	5,876	785	562,239		
AUG-95	REMARKS		WATER TANK LEVEL HIGH												
SEP-95	29	1	28.4	9	323	2559	98.9	823	266	74238	6,699	1,051	636,477		
SEP-95	REMARKS		PRESS SWITCH OUT												
OCT-95	30	1	28.5	7	256	2809	98.9	854	219	84274	7,553	1,270	720,751		
OCT-95	REMARKS		FL REPR												
NOV-95	30	1	30.5			2898	98.9	915	0	86955	8,468	1,270	807,706		
DEC-95	31	1	28.5	9	342	2780	98.9	883	302	86185	9,351	1,572	893,891		
95	305	1	24.9	3	156	2303	98.9	7609	1192	702592	9,351	1,572	893,891		

TOTAL	305	1	24.9	3	156	2303	98.9	7609	1192	702592	9,351	1,572	893,891		

9008 total BBL
1536 MCF

REPORT NO: PHS27
 RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
 PRODUCTION FORECASTING SYSTEM
 PRODUCTION SUMMARY REPORT

PAGE NO: 1

WELL : 605407	VACUUM SO 1-26 (INA)	DISTRICT : 40	DALLAS	WELL TYPE : OIL
FACILITY : 605407	VACUUM SO 1-26 (INA)	NATION/ST: 001 30	NEW MEXICO	UPPER PERF:
LEASE : 15942	SOUTH VACUUM UNIT	COUNTY : 025	LEA	LOWER PERF:
FIELD : 62010	VACUUM DEVONIAN, SOUTH	OPERATOR : 1	DALLAS PRODUCTION, INC.	COMPLETED : 00/00/00
RESERVOIR:		STATUS : NP	NON-PRODUCING	ON LINE : 00/00/00

		----- AVERAGE DAILY PRODUCTION -----					--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION -----			
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER	OIL	GAS	WATER
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)	(BBL)	(MCF)	(BBL)
JAN-95	31	1						0	0	0	0	0	0
FEB-95	28	1						0	0	0	0	0	0
MAR-95	31	1						0	0	0	0	0	0
APR-95	30	1						0	0	0	0	0	0
MAY-95	31	1						0	0	0	0	0	0
JUN-95	30	1						0	0	0	0	0	0
JUL-95	31	1						0	0	0	0	0	0
AUG-95	31	1						0	0	0	0	0	0
SEP-95	30	1						0	0	0	0	0	0
OCT-95	31	1						0	0	0	0	0	0
NOV-95	30	1						0	0	0	0	0	0
DEC-95	31	1						0	0	0	0	0	0
95	365	1						0	0	0	0	0	0

TOTAL	365	1						0	0	0	0	0	0

REPORT NO: PHS27
 RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
 PRODUCTION FORECASTING SYSTEM
 PRODUCTION SUMMARY REPORT

PAGE NO: 2

WELL : 605408	VACUUM SO 1-35 (INA)	DISTRICT : 40	DALLAS	WELL TYPE : OIL
FACILITY : 605408	VACUUM SO 1-35 (INA)	NATION/ST: 001 30	NEW MEXICO	UPPER PERF:
LEASE : 15942	SOUTH VACUUM UNIT	COUNTY : 025	LEA	LOWER PERF:
FIELD : 62010	VACUUM DEVONIAN, SOUTH	OPERATOR : 1	DALLAS PRODUCTION, INC.	COMPLETED : 00/00/00
RESERVOIR:		STATUS : NP	NON-PRODUCING	ON LINE : 00/00/00

			----- AVERAGE DAILY PRODUCTION -----					--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION ---		
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER	OIL	GAS	WATER
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)	(BBL)	(MCF)	(BBL)
JAN-95	25	1	22.2	3	170	1556	98.5	556	95	38916	1,059	324	151,743
JAN-95	REMARKS		OIL SPILL; LOW PRESSURE										
FEB-95	28	1	11.7	3	317	1434	99.1	328	104	40161	1,387	428	191,904
MAR-95	27	1	19.1	5	281	1707	98.8	515	145	46102	1,902	573	238,006
MAR-95	REMARKS		TA 3-27-95;ELEC MOTOR BURNED UP										
APR-95		1						0	0	0	1,902	573	238,006
APR-95	REMARKS		WORKOVER										
MAY-95		1						0	0	0	1,902	573	238,006
MAY-95	REMARKS		TA 3\30\95										
JUN-95	30	1						0	0	0	1,902	573	238,006
JUL-95	31	1						0	0	0	1,902	573	238,006
AUG-95	31	1						0	0	0	1,902	573	238,006
SEP-95	30	1						0	0	0	1,902	573	238,006
OCT-95	31	1						0	0	0	1,902	573	238,006
NOV-95	30	1						0	0	0	1,902	573	238,006
DEC-95	31	1						0	0	0	1,902	573	238,006
95	294	1	4.8	1	245	425	98.8	1399	344	125179	1,902	573	238,006
TOTAL	294	1	4.8	1	245	425	98.8	1399	344	125179	1,902	573	238,006

REPORT NO: PHS27
 RUN DATE : 02/12/1996

DALLAS PRODUCTION, INC.
 PRODUCTION FORECASTING SYSTEM
 PRODUCTION SUMMARY REPORT

PAGE NO: 3

WELL : 605409	REEVES 26 #2	DISTRICT : 40	DALLAS	WELL TYPE : OIL
FACILITY : 605409	REEVES 26 #2	NATION/ST: 001 30	NEW MEXICO	UPPER PERF:
LEASE : 15939	REEVES 26	COUNTY : 025	LEA	LOWER PERF:
FIELD : 62010	VACUUM DEVONIAN, SOUTH	OPERATOR : 1	DALLAS PRODUCTION, INC.	COMPLETED : 00/00/00
RESERVOIR:		STATUS : AC	ACT	ON LINE : 00/00/00

			----- AVERAGE DAILY PRODUCTION -----					--- MONTHLY PRODUCTION ---			--- CUMULATIVE MONTH END PRODUCTION -----		
DATE	DAYS	NO OF	OIL	GAS	GOR	WATER	WATER	OIL	GAS	WATER	OIL	GAS	WATER
MO-YR	PROD	WELLS	(BBL/D)	(MCF/D)	(SCF/B)	(BBL/D)	CUT %	(BBL)	(MCF)	(BBL)	(BBL)	(MCF)	(BBL)
JAN-95	31	1	40.2	9	240	2564	98.4	1245	299	79492	3,654	971	236,769
FEB-95	28	1	40.5	9	234	2590	98.4	1135	266	72546	4,789	1,237	309,315
MAR-95	31	1	40.8	10	248	2728	98.5	1265	314	84579	6,054	1,551	393,894
APR-95	23	1	40.6	8	204	2384	98.3	934	191	54834	6,988	1,742	448,728
APR-95	REMARKS		ESP REPLACEMENT										
MAY-95	30	1	49.3	14	302	3203	98.4	1480	447	96089	8,468	2,189	544,817
MAY-95	REMARKS		ELEC OFF										
JUN-95	30	1	55.6	14	253	2679	97.9	1667	422	80372	10,135	2,611	625,189
JUL-95	31	1	55.0	14	265	2460	97.8	1705	453	76282	11,840	3,064	701,471
AUG-95	25	1	56.0	16	287	2915	98.1	1401	403	72877	13,241	3,467	774,348
AUG-95	REMARKS		REPAIR ESP'S										
SEP-95	22	1	54.2	13	256	3058	98.2	1192	306	67279	14,433	3,773	841,627
SEP-95	REMARKS		FL LEAK										
OCT-95	31	1	55.5	12	226	3397	98.3	1721	389	105316	16,154	4,162	946,943
NOV-95	30	1	53.1	13	260	3321	98.4	1592	414	99648	17,746	4,576	1,046,591
DEC-95	31	1	52.0	10	207	3125	98.3	1612	335	96904	19,358	4,911	1,143,495
95	343	1	49.4	12	250	2875	98.3	16949	4239	986218	19,358	4,911	1,143,495
TOTAL	343	1	49.4	12	250	2875	98.3	16949	4239	986218	19,358	4,911	1,143,495

DALLAS PRODUCTION, INC.

4600 GREENVILLE AVENUE

DALLAS, TEXAS 75206-5038

CIL CONDELL, L.L.P. DIVISION
OF
100 ST 4 87 8 52

(214) 369-9266
FAX (214) 692-1536

VIA FEDERAL EXPRESS

April 3, 1995

D-
Unit letter
The Ry

State of New Mexico
Oil Conservation Commission
2040 Pacheco
Santa Fe, NM 87505
Attn: Mr. Roy Johnson

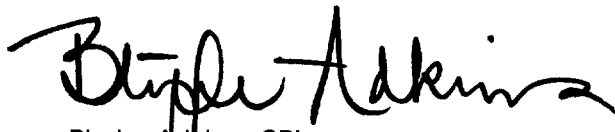
RE: 1995 Plan of Development
South Vacuum Unit
Lea County, New Mexico

Gentlemen:

Enclosed are two counterpart copies of our 1995 Plan of Development pertaining to the captioned property for your review and, upon acceptance, for your approval. Also enclosed for your records is documentation evidencing approval by the Commissioner of Public Lands for Dallas Production, Inc.'s succession as Operator for this unit.

Please advise if you required any further documentation.

Sincerely yours,



Blythe Adkins, CPL
Manager of Land

BA/mt

1995 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

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

Attn: Mr. James B. Lewis, Director
Oil & Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Dallas Production, Inc. (DPI), as Operator, respectfully submits for approval the 1995 Plan of Development for the South Vacuum Unit for the period ending December 31, 1995.

SUMMARY OF 1994 OPERATIONS

No new wells were drilled in 1994. The well produced a total of 24,327 barrels of oil for 1994 and 6,363 MCF of gas.

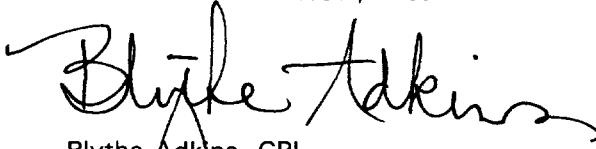
PLAN OF DEVELOPMENT FOR 1995

DPI does not have plans for additional development in 1995.

Submitted this 21st day of March, 1995.

Sincerely yours,

DALLAS PRODUCTION, INC.

A handwritten signature in black ink, appearing to read "Blythe Adkins". The signature is fluid and cursive, with a large initial "B" and a long, sweeping underline.

Blythe Adkins, CPL
Manager of Land

BA/mt

Dwight's Energydata, Inc. DLOOK 4.20 Record # 3 Run date: 03/06/95
 Property data from file: NM.DMP Retrieval code: 150,025,18S35E35G00DV

Operator (#173912)	Lease name	Well #
DALLAS PRODUCTION INC	SOUTH VACUUM UNIT 35	000001

Ident. #	State	Dist	County	Location	Lse/tax /unit #
18S35E35G00DV NM(30)	002	025	LEA	35G 18S 35E	28985

API #	Field (#008078274)	Reservoir
30-025-03150	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

Total Depth	Perforations Upper Lower	Temp Gradient	N-Factor	GOR
0	0 0	0.000	0.000	0

Comp Date	Production Dates First Last	Status Date	Status
0	0 9411	0	ACT

Cumulative gas MCF Since	Gas Gravity	Gas Gatherer
53525 5901	0.00	PHIPC

Cumulative liquid BBL Since	Liquid Gravity	Liquid Gatherer
1235670 FP Date	0.00	TEXNM

Dwight's Energydata, Inc. DLOOK 4.20
 Production data from file: NM.DMP
 Lease: SOUTH VACUUM UNIT 35

Record # 3

Run date: 03/06/95

Retrieval code: 150,025,18S35E35G00DV

Well #: 000001

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
Total 1970	22478	982721	0	52215	409230	1
Total 1971	18638	1001359	0	52215	424349	1
Total 1972	10207	1011566	0	52215	351431	1
Total 1973	8038	1019604	0	52215	415001	1
Total 1974	4735	1024339	0	52215	277757	1
Total 1975	8579	1032918	0	52215	227590	1
Total 1976	1016	1033934	0	52215	30960	1
Total 1977	3814	1037748	0	52215	125382	1
Total 1978	26391	1064139	0	52215	796938	1
Total 1979	19248	1083387	0	52215	899369	1
Total 1980	16792	1100179	0	52215	907133	1
Total 1981	16007	1116186	0	52215	985448	1
Total 1982	12057	1128243	0	52215	911230	1
Total 1983	14865	1143108	0	52215	845451	1
Total 1984	13318	1156426	1	52216	792831	1
Total 1985	10950	1167376	1	52217	870487	1
Total 1986	9505	1176881	0	52217	666845	1
Total 1987	6364	1183245	0	52217	559925	1
Total 1988	8006	1191251	0	52217	808869	1
Total 1989	8455	1199706	0	52217	764404	1
Total 1990	9570	1209276	0	52217	879730	1
January	823	1210099	0	52217	99944	1
February	716	1210815	0	52217	88571	1
March	309	1211124	0	52217	31500	1
April	92	1211216	0	52217	14500	1
May	708	1211924	0	52217	87736	1
June	776	1212700	0	52217	92270	1
July	755	1213455	0	52217	86869	1

Dwight's Energydata, Inc. DLOOK 4.20
 Production data from file: NM.DMP
 Lease: SOUTH VACUUM UNIT 35

Record # 3

Run date: 03/06/95

Retrieval code: 150,025,18S35E35G000V

Well #: 000001

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
August	580	1214035	0	52217	66936	1
September	717	1214752	0	52217	58904	1
October	817	1215569	0	52217	47175	1
November	754	1216323	0	52217	43450	1
December	830	1217153	0	52217	94748	1
Total 1991	7877	1217153	0	52217	812603	1
January	651	1217804	0	52217	51584	1
February	738	1218542	0	52217	48182	1
March	599	1219141	0	52217	84251	1
April	684	1219825	0	52217	67852	1
May	864	1220689	0	52217	74505	1
June	790	1221479	0	52217	67894	1
July	575	1222054	0	52217	68494	1
August	771	1222825	0	52217	72260	1
September	558	1223383	0	52217	103966	1
October	271	1223654	0	52217	61907	1
November	319	1223973	0	52217	61572	1
December	812	1224785	0	52217	90395	1
Total 1992	7632	1224785	0	52217	852862	1
January	571	1225356	0	52217	77281	1
February	790	1226146	0	52217	63832	1
March	853	1226999	0	52217	70672	1
April	595	1227594	0	52217	67520	1
May	687	1228281	0	52217	65809	1
June	626	1228907	0	52217	59403	1
July	567	1229474	0	52217	61649	1
August	569	1230043	0	52217	55366	1
September	514	1230557	0	52217	61430	1
October	599	1231156	0	52217	69613	1
November	603	1231759	0	52217	61372	1
December	429	1232188	90	52307	68109	1
Total 1993	7403	1232188	90	52307	782056	1
January	0	1232188	0	52307	0	1
February	0	1232188	0	52307	0	1
March	0	1232188	0	52307	0	1
April	715	1232903	195	52502	74220	1
May	568	1233471	165	52667	57451	1
June	520	1233991	165	52832	50272	1
July	482	1234473	128	52960	45658	1
August	499	1234972	161	53121	50976	1
September	567	1235539	181	53302	87118	1
October	0	1235539	0	53302	0	1
November	131	1235670	223	53525	63889	1
Total 1994	3482	1235670	1218	53525	429584	1

ccc

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Dwight's Energydata, Inc. DLOOK 4.20
 Production data from file: NM.DMP
 Lease: SOUTH VACUUM UNIT 35

Record # 2

Run date: 03/06/95

Retrieval code: 150,025,18S35E35C000V

Well #: 000003

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No.of Wells
Total 1970	31125	908272	0	40434	552408	1
Total 1971	30309	938581	0	40434	581107	1
Total 1972	20231	958812	0	40434	580133	1
Total 1973	18580	977392	0	40434	594425	1
Total 1974	11285	988677	0	40434	614365	1
Total 1975	4987	993664	0	40434	241334	1
Total 1976	19857	1013521	0	40434	866132	1
Total 1977	24841	1038362	0	40434	879029	1
Total 1978	26647	1065009	0	40434	932966	1
Total 1979	18874	1083883	0	40434	894294	1
Total 1980	18388	1102271	0	40434	959498	1
Total 1981	13964	1116235	0	40434	884972	1
Total 1982	8871	1125106	0	40434	721721	1
Total 1983	12741	1137847	0	40434	849460	1
Total 1984	13978	1151825	1	40435	880849	1
Total 1985	12544	1164369	1	40436	929827	1
Total 1986	2657	1167026	0	40436	152304	1
Total 1987	3909	1170935	0	40436	434568	1
Total 1988	7021	1177956	0	40436	691500	1
Total 1989	7432	1185388	0	40436	677465	1
Total 1990	7734	1193122	0	40436	768606	1
January	759	1193881	0	40436	92256	1
February	688	1194569	0	40436	85029	1
March	0	1194569	0	40436	0	1
April	0	1194569	0	40436	0	1
May	792	1195361	0	40436	98264	1
June	674	1196035	0	40436	80230	1
July	695	1196730	0	40436	79931	1

Dwight's Energydata, Inc. DLOOK 4.20
 Production data from file: NM.DMP
 Lease: SOUTH VACUUM UNIT 35

Record # 2

Run date: 03/06/95

Retrieval code: 150,025,18S35E35C000V

Well #: 000003

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
August	518	1197248	0	40436	59764	1
September	670	1197918	0	40436	54986	1
October	817	1198735	0	40436	47175	1
November	754	1199489	0	40436	43450	1
December	800	1200289	0	40436	91252	1
Total 1991	7167	1200289	0	40436	732337	1
January	601	1200890	0	40436	47616	1
February	683	1201573	0	40436	44618	1
March	554	1202127	0	40436	78019	1
April	766	1202893	0	40436	75993	1
May	803	1203696	0	40436	69188	1
June	731	1204427	0	40436	62873	1
July	598	1205025	0	40436	71347	1
August	803	1205828	0	40436	75269	1
September	450	1206278	0	40436	88834	1
October	0	1206278	0	40436	0	1
November	478	1206756	0	40436	92358	1
December	0	1206756	0	40436	76478	1
Total 1992	6467	1206756	0	40436	777593	1
January	613	1207369	0	40436	83020	1
February	845	1208214	0	40436	68244	1
March	911	1209125	0	40436	75555	1
April	953	1210078	0	40436	108040	1
May	1087	1211165	0	40436	104195	1
June	1054	1212219	0	40436	99897	1
July	954	1213173	0	40436	103674	1
August	975	1214148	0	40436	94922	1
September	759	1214907	0	40436	90700	1
October	872	1215779	0	40436	101259	1
November	891	1216670	0	40436	90728	1
December	633	1217303	134	40570	100686	1
Total 1993	10547	1217303	134	40570	1120920	1
January	292	1217595	77	40647	92628	1
February	423	1218018	117	40764	23576	1
March	1041	1219059	174	40938	63364	1
April	716	1219775	196	41134	74220	1
May	927	1220702	270	41404	93736	1
June	820	1221522	261	41665	79396	1
July	724	1222246	193	41858	68486	1
August	888	1223134	285	42143	90624	1
September	906	1224040	290	42433	67237	1
October	0	1224040	0	42433	0	1
November	871	1224911	323	42756	91938	1
Total 1994	7608	1224911	2186	42756	745205	1

Dec 1991

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Dwight's Energydata, Inc. DLOOK 4.20 Record # 2 Run date: 03/06/95
 Property data from file: NM.DMP Retrieval code: 150,025,18S35E35C00DV

Operator (#173912)	Lease name	Well #
DALLAS PRODUCTION INC	SOUTH VACUUM UNIT 35	000003

Ident. #	State	Dist	County	Location	Lse/tax /unit #
18S35E35C00DV	NM(30)	002	025 LEA	35C 18S 35E	28985

API #	Field (#008078274)	Reservoir
30-025-03152	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

Total Depth	Perforations Upper Lower	Temp Gradient	N-Factor	GOR
0	0 0	0.000	0.000	0

Comp Date	Production Dates First Last	Status Date	Status
0	0 9411	0	ACT

Cumulative gas MCF	Since	Gas Gravity	Gas Gatherer
42756	5901	0.00	PHIPC

Cumulative liquid BBL	Since	Liquid Gravity	Liquid Gatherer
1224911	FP Date	0.00	TEXNM

Dwight's Energydata, Inc. DLOOK 4.20
Property data from file: reeves26.dmp

Record # 1

Run date: 03/06/95

Retrieval code: 150,025,18S35E26N00DV

Operator (#173912)	Lease name	Well #
DALLAS PRODUCTION INC	REEVES 26	000002

Ident. #	State	Dist	County	Location	Lse/tax /unit #
18S35E26N00DV	NM(30)	002	025 LEA	26N 18S 35E	28970

API #	Field (#008078274)	Reservoir
30-025-03135	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

Total Depth	Perforations Upper Lower	Temp Gradient	N-Factor	GOR
0	0 0	0.000	0.000	0

Comp Date	Production Dates First Last	Status Date	Status
0	0 9411	0	ACT

Cumulative gas MCF	Since	Gas Gravity	Gas Gatherer
35752	5901	0.00	

Cumulative liquid BBL	Since	Liquid Gravity	Liquid Gatherer
1397718	FP Date	0.00	TEXNM

Dwight's Energydata, Inc. DLOOK 4.20
 Production data from file: reeves26.dmp
 Lease: REEVES 26

Record # 1

Run date: 03/06/95

Retrieval code: 150,025,18S35E26N00DV

Well #: 000002

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No.of Wells
Total 1970	71310	879506	0	33129	497785	1
Total 1971	52990	932496	0	33129	436195	1
Total 1972	49289	981785	0	33129	380259	1
Total 1973	43172	1024957	0	33129	374606	1
Total 1974	31855	1056812	0	33129	359519	1
Total 1975	23193	1080005	0	33129	290675	1
Total 1976	26047	1106052	0	33129	347940	1
Total 1977	22360	1128412	0	33129	334078	1
Total 1978	20269	1148681	0	33129	339287	1
Total 1979	19626	1168307	0	33129	341776	1
Total 1980	17668	1185975	0	33129	340721	1
Total 1981	17381	1203356	0	33129	372900	1
Total 1982	14667	1218023	0	33129	379281	1
Total 1983	14117	1232140	0	33129	345227	1
Total 1984	14289	1246429	1	33130	293398	1
Total 1985	16030	1262459	0	33130	306828	1
Total 1986	13918	1276377	0	33130	320933	1
Total 1987	10342	1286719	0	33130	260675	1
Total 1988	10909	1297628	0	33130	378969	1
Total 1989	8354	1305982	0	33130	237759	1
Total 1990	11286	1317268	0	33130	219765	1
January	3161	1320429	0	33130	79942	1
February	2782	1323211	0	33130	78093	1
March	2645	1325856	0	33130	62626	1
April	2558	1328414	0	33130	78609	1
May	2683	1331097	0	33130	87090	1
June	2526	1333623	0	33130	80096	1
July	2441	1336064	0	33130	77560	1

Dwight's Energydata, Inc. DLOOK 4.20
 Production data from file: reeves26.dmp
 Lease: REEVES 26

Record # 1

Run date: 03/06/95

Retrieval code: 150,025,18S35E26N00DV

Well #: 000002

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
August	2524	1338588	0	33130	90869	1
September	2386	1340974	0	33130	87126	1
October	2300	1343274	0	33130	88583	1
November	2264	1345538	0	33130	84739	1
December	1724	1347262	0	33130	65235	1
Total 1991	29994	1347262	0	33130	960568	1
January	2075	1349337	0	33130	85370	1
February	2026	1351363	0	33130	86912	1
March	2087	1353450	0	33130	90213	1
April	1959	1355409	0	33130	87262	1
May	1920	1357329	0	33130	91595	1
June	1792	1359121	0	33130	99450	1
July	1863	1360984	0	33130	106237	1
August	1710	1362694	0	33130	90148	1
September	1796	1364490	0	33130	89250	1
October	1770	1366260	0	33130	95759	1
November	1667	1367927	0	33130	90390	1
December	1612	1369539	0	33130	89962	1
Total 1992	22277	1369539	0	33130	1102548	1
January	1638	1371177	0	33130	90706	1
February	2152	1373329	0	33130	81088	1
March	1565	1374894	0	33130	87544	1
April	1528	1376422	0	33130	86610	1
May	1482	1377904	0	33130	89652	1
June	1052	1378956	0	33130	74790	1
July	1490	1380446	0	33130	84289	1
August	1374	1381820	0	33130	85188	1
September	1448	1383268	0	33130	85350	1
October	1271	1384539	0	33130	84258	1
November	1341	1385880	0	33130	115050	1
December	1047	1386927	112	33242	87172	1
Total 1993	17388	1386927	112	33242	1051697	1
January	107	1387034	17	33259	4519	1
February	537	1387571	33	33292	23744	1
March	1375	1388946	221	33513	15996	1
April	1295	1390241	173	33686	80730	1
May	1309	1391550	350	34036	78306	1
June	1259	1392809	333	34369	82948	1
July	1258	1394067	385	34754	79980	1
August	1265	1395332	384	35138	80761	1
September	1180	1396512	340	35478	74382	1
October	0	1396512	0	35478	0	1
November	1206	1397718	274	35752	77759	1
Total 1994	10791	1397718	2510	35752	599125	1

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TOTAL
1994

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1995 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

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

Attn: Mr. James B. Lewis, Director
Oil & Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Dallas Production, Inc. (DPI), as Operator, respectfully submits for approval the 1995 Plan of Development for the South Vacuum Unit for the period ending December 31, 1995.

SUMMARY OF 1994 OPERATIONS

No new wells were drilled in 1994. The well produced a total of 24,327 barrels of oil for 1994 and 6,363 MCF of gas.

PLAN OF DEVELOPMENT FOR 1995

DPI does not have plans for additional development in 1995.

Submitted this 21st day of March, 1995.

Sincerely yours,

DALLAS PRODUCTION, INC.

A handwritten signature in black ink, reading "Blythe Adkins". The signature is fluid and cursive, with the first name "Blythe" and last name "Adkins" clearly distinguishable.

Blythe Adkins, CPL
Manager of Land

BA/mt

Dwight's Energydata, Inc. DLOOK 4.20 Record # 3 Run date: 03/06/95
 Property data from file: NM.DMP Retrieval code: 150,025,18S35E35G00DV

Operator (#173912)	Lease name	Well #
DALLAS PRODUCTION INC	SOUTH VACUUM UNIT 35	000001

Ident. #	State	Dist	County	Location	Lse/tax /unit #
18S35E35G00DV	NM(30)	002	025 LEA	35G 18S 35E	28985

API #	Field (#008078274)	Reservoir
30-025-03150	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

Total Depth	Perforations Upper Lower	Temp Gradient	N-Factor	GOR
0	0 0	0.000	0.000	0

Comp Date	Production Dates First Last	Status Date	Status
0	0 9411	0	ACT

Cumulative gas MCF	Since	Gas Gravity	Gas Gatherer
53525	5901	0.00	PHIPC

Cumulative liquid BBL	Since	Liquid Gravity	Liquid Gatherer
1235670	FP Date	0.00	TEXNM

Dwight's Energydata, Inc. DLOOK 4.20
 Production data from file: NM.DMP
 Lease: SOUTH VACUUM UNIT 35

Record # 3

Run date: 03/06/95

Retrieval code: 150,025,18S35E35G00DV

Well #: 000001

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
Total 1970	22478	982721	0	52215	409230	1
Total 1971	18638	1001359	0	52215	424349	1
Total 1972	10207	1011566	0	52215	351431	1
Total 1973	8038	1019604	0	52215	415001	1
Total 1974	4735	1024339	0	52215	277757	1
Total 1975	8579	1032918	0	52215	227590	1
Total 1976	1016	1033934	0	52215	30960	1
Total 1977	3814	1037748	0	52215	125382	1
Total 1978	26391	1064139	0	52215	796938	1
Total 1979	19248	1083387	0	52215	899369	1
Total 1980	16792	1100179	0	52215	907133	1
Total 1981	16007	1116186	0	52215	985448	1
Total 1982	12057	1128243	0	52215	911230	1
Total 1983	14865	1143108	0	52215	845451	1
Total 1984	13318	1156426	1	52216	792831	1
Total 1985	10950	1167376	1	52217	870487	1
Total 1986	9505	1176881	0	52217	666845	1
Total 1987	6364	1183245	0	52217	559925	1
Total 1988	8006	1191251	0	52217	808869	1
Total 1989	8455	1199706	0	52217	764404	1
Total 1990	9570	1209276	0	52217	879730	1
January	823	1210099	0	52217	99944	1
February	716	1210815	0	52217	88571	1
March	309	1211124	0	52217	31500	1
April	92	1211216	0	52217	14500	1
May	708	1211924	0	52217	87736	1
June	776	1212700	0	52217	92270	1
July	755	1213455	0	52217	86869	1

Dwight's Energydata, Inc. DLOOK 4.20

Record # 3

Run date: 03/06/95

Production data from file: NM.DMP

Retrieval code: 150,025,18S35E35G000V

Lease: SOUTH VACUUM UNIT 35

Well #: 000001

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
August	580	1214035	0	52217	66936	1
September	717	1214752	0	52217	58904	1
October	817	1215569	0	52217	47175	1
November	754	1216323	0	52217	43450	1
December	830	1217153	0	52217	94748	1
Total 1991	7877	1217153	0	52217	812603	1
January	651	1217804	0	52217	51584	1
February	738	1218542	0	52217	48182	1
March	599	1219141	0	52217	84251	1
April	684	1219825	0	52217	67852	1
May	864	1220689	0	52217	74505	1
June	790	1221479	0	52217	67894	1
July	575	1222054	0	52217	68494	1
August	771	1222825	0	52217	72260	1
September	558	1223383	0	52217	103966	1
October	271	1223654	0	52217	61907	1
November	319	1223973	0	52217	61572	1
December	812	1224785	0	52217	90395	1
Total 1992	7632	1224785	0	52217	852862	1
January	571	1225356	0	52217	77281	1
February	790	1226146	0	52217	63832	1
March	853	1226999	0	52217	70672	1
April	595	1227594	0	52217	67520	1
May	687	1228281	0	52217	65809	1
June	626	1228907	0	52217	59403	1
July	567	1229474	0	52217	61649	1
August	569	1230043	0	52217	55366	1
September	514	1230557	0	52217	61430	1
October	599	1231156	0	52217	69613	1
November	603	1231759	0	52217	61372	1
December	429	1232188	90	52307	68109	1
Total 1993	7403	1232188	90	52307	782056	1
January	0	1232188	0	52307	0	1
February	0	1232188	0	52307	0	1
March	0	1232188	0	52307	0	1
April	715	1232903	195	52502	74220	1
May	568	1233471	165	52667	57451	1
June	520	1233991	165	52832	50272	1
July	482	1234473	128	52960	45658	1
August	499	1234972	161	53121	50976	1
September	567	1235539	181	53302	87118	1
October	0	1235539	0	53302	0	1
November	131	1235670	223	53525	63889	1
Total 1994	3482	1235670	1218	53525	429584	1

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TOTAL

3254

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Dwight's Energydata, Inc. DLOOK 4.20 Record # 2 Run date: 03/06/95
 Property data from file: NM.DMP Retrieval code: 150,025,18S35E35C00DV

Operator (#173912)		Lease name		Well #	
DALLAS PRODUCTION INC		SOUTH VACUUM UNIT 35		000003	

Ident. #	State	Dist	County	Location	Lse/tax /unit #
18S35E35C00DV NM(30)	002	025	LEA	35C 18S 35E	28985

API #	Field (#008078274)	Reservoir
30-025-03152	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

Total Depth	Perforations		Temp Gradient	N-Factor	GOR
	Upper	Lower			
0	0	0	0.000	0.000	0

Comp Date	Production Dates		Status Date	Status
	First	Last		
0	0	9411	0	ACT

Cumulative gas MCF	Since	Gas Gravity	Gas Gatherer
42756	5901	0.00	PHIPC

Cumulative liquid BBL	Since	Liquid Gravity	Liquid Gatherer
1224911	FP Date	0.00	TEXNM

Dwight's Energydata, Inc. DLOOK 4.20

Record # 2

Run date: 03/06/95

Production data from file: NM.DMP

Retrieval code: 150,025,18S35E35C000V

Lease: SOUTH VACUUM UNIT 35

Well #: 000003

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
Total 1970	31125	908272	0	40434	552408	1
Total 1971	30309	938581	0	40434	581107	1
Total 1972	20231	958812	0	40434	580133	1
Total 1973	18580	977392	0	40434	594425	1
Total 1974	11285	988677	0	40434	614365	1
Total 1975	4987	993664	0	40434	241334	1
Total 1976	19857	1013521	0	40434	866132	1
Total 1977	24841	1038362	0	40434	879029	1
Total 1978	26647	1065009	0	40434	932966	1
Total 1979	18874	1083883	0	40434	894294	1
Total 1980	18388	1102271	0	40434	959498	1
Total 1981	13964	1116235	0	40434	884972	1
Total 1982	8871	1125106	0	40434	721721	1
Total 1983	12741	1137847	0	40434	849460	1
Total 1984	13978	1151825	1	40435	880849	1
Total 1985	12544	1164369	1	40436	929827	1
Total 1986	2657	1167026	0	40436	152304	1
Total 1987	3909	1170935	0	40436	434568	1
Total 1988	7021	1177956	0	40436	691500	1
Total 1989	7432	1185388	0	40436	677465	1
Total 1990	7734	1193122	0	40436	768606	1
January	759	1193881	0	40436	92256	1
February	688	1194569	0	40436	85029	1
March	0	1194569	0	40436	0	1
April	0	1194569	0	40436	0	1
May	792	1195361	0	40436	98264	1
June	674	1196035	0	40436	80230	1
July	695	1196730	0	40436	79931	1

Dwight's Energydata, Inc. DLOOK 4.20 Record # 2 Run date: 03/06/95
 Production data from file: NM.DMP Retrieval code: 150,025,18S35E35C000V
 Lease: SOUTH VACUUM UNIT 35 Well #: 000003

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
August	518	1197248	0	40436	59764	1
September	670	1197918	0	40436	54986	1
October	817	1198735	0	40436	47175	1
November	754	1199489	0	40436	43450	1
December	800	1200289	0	40436	91252	1
Total 1991	7167	1200289	0	40436	732337	1
January	601	1200890	0	40436	47616	1
February	683	1201573	0	40436	44618	1
March	554	1202127	0	40436	78019	1
April	766	1202893	0	40436	75993	1
May	803	1203696	0	40436	69188	1
June	731	1204427	0	40436	62873	1
July	598	1205025	0	40436	71347	1
August	803	1205828	0	40436	75269	1
September	450	1206278	0	40436	83834	1
October	0	1206278	0	40436	0	1
November	478	1206756	0	40436	92358	1
December	0	1206756	0	40436	76478	1
Total 1992	6467	1206756	0	40436	777593	1
January	613	1207369	0	40436	83020	1
February	845	1208214	0	40436	68244	1
March	911	1209125	0	40436	75555	1
April	953	1210078	0	40436	108040	1
May	1087	1211165	0	40436	104195	1
June	1054	1212219	0	40436	99897	1
July	954	1213173	0	40436	103674	1
August	975	1214148	0	40436	94922	1
September	759	1214907	0	40436	90700	1
October	872	1215779	0	40436	101259	1
November	891	1216670	0	40436	90728	1
December	633	1217303	134	40570	100686	1
Total 1993	10547	1217303	134	40570	1120920	1
January	292	1217595	77	40647	92628	1
February	423	1218018	117	40764	23576	1
March	1041	1219059	174	40938	63364	1
April	716	1219775	196	41134	74220	1
May	927	1220702	270	41404	93736	1
June	820	1221522	261	41665	79396	1
July	724	1222246	193	41858	68486	1
August	888	1223134	285	42143	90624	1
September	906	1224040	290	42433	67237	1
October	0	1224040	0	42433	0	1
November	871	1224911	323	42756	91938	1
Total 1994	7608	1224911	2186	42756	745205	1

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Dwight's Energydata, Inc. DLOOK 4.20 Record # 1 Run date: 03/06/95
 Property data from file: reeves26.dmp Retrieval code: 150,025,18S35E26N00DV

Operator (#173912)	Lease name	Well #
DALLAS PRODUCTION INC	REEVES 26	000002

Ident. #	State	Dist	County	Location	Lse/tax /unit #
18S35E26N00DV	NM(30)	002	025 LEA	26N 18S 35E	28970

API #	Field (#008078274)	Reservoir
30-025-03135	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

Total Depth	Perforations Upper Lower	Temp Gradient	N-Factor	GOR
0	0 0	0.000	0.000	0

Comp Date	Production Dates First Last	Status Date	Status
0	0 9411	0	ACT

Cumulative gas MCF	Since	Gas Gravity	Gas Gatherer
35752	5901	0.00	

Cumulative liquid BBL	Since	Liquid Gravity	Liquid Gatherer
1397718	FP Date	0.00	TEXNM

Dwight's Energydata, Inc. DLOOK 4.20 Record # 1 Run date: 03/06/95
 Production data from file: reeves26.dmp Retrieval code: 150,025,18S35E26N00DV
 Lease: REEVES 26 Well #: 000002

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No.of Wells
Total 1970	71310	879506	0	33129	497785	1
Total 1971	52990	932496	0	33129	436195	1
Total 1972	49289	981785	0	33129	380259	1
Total 1973	43172	1024957	0	33129	374606	1
Total 1974	31855	1056812	0	33129	359519	1
Total 1975	23193	1080005	0	33129	290675	1
Total 1976	26047	1106052	0	33129	347940	1
Total 1977	22360	1128412	0	33129	334078	1
Total 1978	20269	1148681	0	33129	339287	1
Total 1979	19626	1168307	0	33129	341776	1
Total 1980	17668	1185975	0	33129	340721	1
Total 1981	17381	1203356	0	33129	372900	1
Total 1982	14667	1218023	0	33129	379281	1
Total 1983	14117	1232140	0	33129	345227	1
Total 1984	14289	1246429	1	33130	293398	1
Total 1985	16030	1262459	0	33130	306828	1
Total 1986	13918	1276377	0	33130	320933	1
Total 1987	10342	1286719	0	33130	260675	1
Total 1988	10909	1297628	0	33130	378969	1
Total 1989	8354	1305982	0	33130	237759	1
Total 1990	11286	1317268	0	33130	219765	1
January	3161	1320429	0	33130	79942	1
February	2782	1323211	0	33130	78093	1
March	2645	1325856	0	33130	62626	1
April	2558	1328414	0	33130	78609	1
May	2683	1331097	0	33130	87090	1
June	2526	1333623	0	33130	80096	1
July	2441	1336064	0	33130	77560	1

Dwight's Energydata, Inc. DLOOK 4.20 Record # 1 Run date: 03/06/95
 Production data from file: reeves26.dmp Retrieval code: 150,025,18835E26H00DV
 Lease: REEVES 26 Well #: 000002

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
August	2524	1338588	0	33130	90869	1
September	2386	1340974	0	33130	87126	1
October	2300	1343274	0	33130	88583	1
November	2264	1345538	0	33130	84739	1
December	1724	1347262	0	33130	65235	1
Total 1991	29994	1347262	0	33130	960568	1
January	2075	1349337	0	33130	85370	1
February	2026	1351363	0	33130	86912	1
March	2087	1353450	0	33130	90213	1
April	1959	1355409	0	33130	87262	1
May	1920	1357329	0	33130	91595	1
June	1792	1359121	0	33130	99450	1
July	1863	1360984	0	33130	106237	1
August	1710	1362694	0	33130	90148	1
September	1796	1364490	0	33130	89250	1
October	1770	1366260	0	33130	95759	1
November	1667	1367927	0	33130	90390	1
December	1612	1369539	0	33130	89962	1
Total 1992	22277	1369539	0	33130	1102548	1
January	1638	1371177	0	33130	90706	1
February	2152	1373329	0	33130	81088	1
March	1565	1374894	0	33130	87544	1
April	1528	1376422	0	33130	86610	1
May	1482	1377904	0	33130	89652	1
June	1052	1378956	0	33130	74790	1
July	1490	1380446	0	33130	84289	1
August	1374	1381820	0	33130	85188	1
September	1448	1383268	0	33130	85350	1
October	1271	1384539	0	33130	84258	1
November	1341	1385880	0	33130	115050	1
December	1047	1386927	112	33242	87172	1
Total 1993	17388	1386927	112	33242	1051697	1
January	107	1387034	17	33259	4519	1
February	537	1387571	33	33292	23744	1
March	1375	1388946	221	33513	15996	1
April	1295	1390241	173	33686	80730	1
May	1309	1391550	350	34036	78306	1
June	1259	1392809	333	34369	82948	1
July	1258	1394067	385	34754	79980	1
August	1265	1395332	384	35138	80761	1
September	1180	1396512	340	35478	74382	1
October	0	1396512	0	35478	0	1
November	1206	1397718	274	35752	77759	1
Total 1994	10791	1397718	2510	35752	599125	1

Dec 1203
 11994
 TOTAL 194
 160
 2670



RECEIVED

APR 03 1995

LAND DEPARTMENT

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

March 31, 1995

**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

Dallas Production, Inc.
4600 Greenville Avenue
Dallas, Texas 75206-5038

Attention: Ms. Blythe Adkins

Re: Resignation/Designation of Successor Unit Operator
South Vacuum Unit
Lea County, New Mexico


Dear Ms. Adkins:


This office is in receipt of your letter of March 14, 1995, wherein Union Oil Company of California has resigned as unit operator of the South Vacuum Unit and designated Dallas Production, Inc. as the successor unit operator of the South Vacuum Unit Area, Lea County, New Mexico.

The Commissioner of Public Lands has this date approved the resignation of Union Oil Company of California and the designation of Dallas Production, Inc. as the successor unit operator of this unit. This change in operators is effective February 16, 1995. In accordance with this approval, Dallas Production, Inc. 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.

Very truly yours,


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

BY: 
JAMES B. LEWIS, Director
Oil/Gas and Minerals Division
(505) 827-5744

RP/JBL/cpm

Enclosure

cc: Reader File

Union Oil Company of California

OCD-Roy Johnson

TRD

DALLAS PRODUCTION, INC.

**4600 GREENVILLE AVENUE
DALLAS, TEXAS 75206-5038**

**(214) 369-9266
FAX (214) 692-1536**

March 14, 1995

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

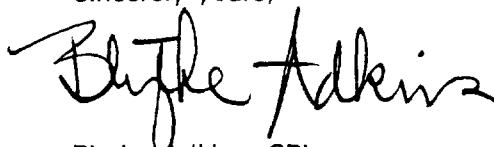
Attn: Mr. James B. Lewis
Director, Oil & Gas Division

RE: Vacuum South (605330)
Unocal #3 Prospect
Lea County, NM

Gentlemen:

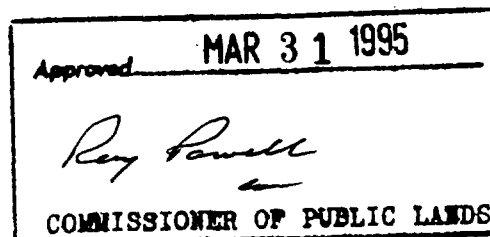
Enclosed herewith are certain documents entitled Resignation of Unit Operator and Designation of Successor Unit Operator pertaining to the captioned property. The enclosed documents represent 100% of the working interest in this unit. By submission of these documents, Dallas Production, Inc., respectfully requests approval as Successor Operator in the South Vacuum Unit. Please advise if you require any further documentation on our part.

Sincerely yours,



Blythe Adkins, CPL
Manager of Land

BA/mt





RECEIVED

APR 03 1995

LAND DEPARTMENT

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

**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

March 31, 1995

Dallas Production, Inc.
4600 Greenville Avenue
Dallas, Texas 75206-5038

Attention: Ms. Blythe Adkins

Re: 1995 Plan of Development
South Vacuum Unit
Lea County, New Mexico

Dear Ms. Adkins:

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 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**

[Signature of James B. Lewis]
BY: *[Signature of James B. Lewis]*

**JAMES B. LEWIS, Director
Oil/Gas and Minerals Division
(505) 827-5744**

RP/JBL/cpm
Enclosure

Oil/Gas and Minerals Division
RECEIVED

55 APR 11 PM 6 52



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
March 31, 1995

Dallas Production, Inc.
4600 Greenville Avenue
Dallas, Texas 75206-5038

Attention: Ms. Blythe Adkins

Re: Resignation/Designation of Successor Unit Operator
South Vacuum Unit
Lea County, New Mexico


Dear Ms. Adkins:


This office is in receipt of your letter of March 14, 1995, wherein Union Oil Company of California has resigned as unit operator of the South Vacuum Unit and designated Dallas Production, Inc. as the successor unit operator of the South Vacuum Unit Area, Lea County, New Mexico.

The Commissioner of Public Lands has this date approved the resignation of Union Oil Company of California and the designation of Dallas Production, Inc. as the successor unit operator of this unit. This change in operators is effective February 16, 1995. In accordance with this approval, Dallas Production, Inc. 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.

Very truly yours,


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

BY: 
JAMES B. LEWIS, Director
Oil/Gas and Minerals Division
(505) 827-5744

RP/JBL/cpm
Enclosure
cc: Reader File
Union Oil Company of California
OCD-Roy Johnson
TRD

Unocal Energy Resources Division

Unocal Corporation
1004 North Big Spring, Suite 300
P.O. Box 3100
Midland, Texas 79702
Telephone (915) 685-7600

1314



Permian Basin Business Unit

March 31, 1994

Oil Conservation Division
Energy & Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. William J. LeMay, Director

MAR 31 1994

1994 Plan of Development
South Vacuum Unit Area
Lea County, New Mexico
South Vacuum Prospect (7459)

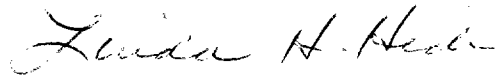
Gentlemen:

Please find enclosed for your approval two (2) copies of Union's 1994 Plan of Development for the South Vacuum Unit.

Should you have any questions, please let me know.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA
dba UNOCAL



Linda H. Hicks
Supervisor of Contracts

LHH/jb
Enclosures

1994 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy & Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 88201-2088

MAR 31 1994

Attn: Mr. William J. LeMay, Director
Oil & Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval of this 1994 Plan of Development for the South Vacuum Unit for the period ending December 31, 1994.

SUMMARY OF 1993 OPERATIONS

No new wells were drilled in 1993. The Unit produced a total of 17,950 BO for 1993. Unit well 35-3 is currently producing. Well 35-1 is shut-in for mechanical reasons but should return to production within a month. Unit wells 1-26 continues to be shut-in but 2-26 was P&A'd in 1992.

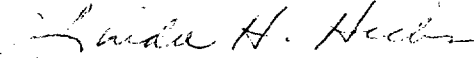
PLAN OF DEVELOPMENT FOR 1994

The South Vacuum Unit 2-35 SWD was repaired and returned to disposal in early 1994. We do not have any plans for further development.

Submitted this 31st day of March, 1994.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA



Linda H. Hicks
Land Advisor/Contracts

DWIGHTS ENERGYDATA, INC.
OIL LEASE HISTORY
NEW MEXICO OIL SOUTHEAST

RUN DATE: 02/04/94
Published 1/94
(#150,025,18S35E35G00DV)

OPERATOR (#748982)	WELL NAME	WELL #
UNION OIL CO OF CAL	SOUTH VACUUM UNIT 35	000001

LOCATION	STATE	DIST	COUNTY (#025)	LEASE #
35G 18S 35E	NM	002	LEA	28985

API #	FIELD (#8078274)	RESERVOIR
30-025-0315000	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

TOTAL DEPTH	UPPER PERF	LOWER PERF	GAS GATH PHIPC	LIQ GATH TEXNM	GAS GRAV	LIQ GRAV	TEMP GRAD

COMP DATE	1ST PROD DATE	LAST PROD DATE	STATUS DATE	STATUS
		9308		ACT

BEG LIQ CUM	BEG GAS CUM
960243	52215

CUM THRU LPD OIL/BBLs	OIL CUM SINCE DATE	CUM THRU LPD CSGHD GAS/MCF	CASINGHEAD CUM SINCE DATE
1230043		52217	5901

DWIGHTS ENERGYDATA, INC.
 UNION OIL CO OF CAL
 SOUTH VACUUM UNIT 35

RUN DATE: 02/04/94
 Published 1/94
 (#150,025,18S35E35G00DV)

*** MONTHLY PRODUCTION HISTORY ***

MONTH	OIL BBLs	CUM OIL BBLs	CASINGHEAD GAS/MCF	CUM CASINGHEAD	WATER BBLs	DAYS ON
JAN	688	1200394	0	52217	77527	31
FEB	684	1201078	0	52217	55440	28
MAR	920	1201998	0	52217	8593	31
APR	993	1202991	0	52217	64064	30
MAY	720	1203711	0	52217	67954	15
JUN	706	1204417	0	52217	76061	30
JUL	701	1205118	0	52217	50416	31
AUG	764	1205882	0	52217	90380	31
SEP	930	1206812	0	52217	106991	30
OCT	796	1207608	0	52217	96236	31
NOV	775	1208383	0	52217	78792	-
DEC	893	1209276	0	52217	107276	31
1990	9570	1209276	0	52217	879730	
JAN	823	1210099	0	52217	99944	31
FEB	716	1210815	0	52217	88571	28
MAR	309	1211124	0	52217	31500	10
APR	92	1211216	0	52217	14500	5
MAY	708	1211924	0	52217	87736	31
JUN	776	1212700	0	52217	92270	30
JUL	755	1213455	0	52217	86869	30
AUG	580	1214035	0	52217	66936	30
SEP	717	1214752	0	52217	58904	30
OCT	817	1215569	0	52217	47175	30
NOV	754	1216323	0	52217	43450	30
DEC	830	1217153	0	52217	94748	31
1991	7877	1217153	0	52217	812603	
JAN	651	1217804	0	52217	51584	31
FEB	738	1218542	0	52217	48182	29
MAR	599	1219141	0	52217	84251	26
APR	684	1219825	0	52217	67852	30
MAY	864	1220689	0	52217	74505	31
JUN	790	1221479	0	52217	67894	30
JUL	575	1222054	0	52217	68494	31
AUG	771	1222825	0	52217	72260	31
SEP	558	1223383	0	52217	103966	30
OCT	271	1223654	0	52217	61907	30
NOV	319	1223973	0	52217	61572	30
DEC	812	1224785	0	52217	90395	15
1992	7632	1224785	0	52217	852862	
JAN	571	1225356	0	52217	77281	31
FEB	790	1226146	0	52217	63832	28
MAR	853	1226999	0	52217	70672	31
APR	595	1227594	0	52217	67520	30
MAY	687	1228281	0	52217	65809	31
JUN	626	1228907	0	52217	59403	30
JUL	567	1229474	0	52217	61649	30
AUG	569	1230043	0	52217	55366	30
1993	5258	1230043	0	52217	521532	

DWIGHTS ENERGYDATA, INC.
OIL LEASE HISTORY
NEW MEXICO OIL SOUTHEAST

RUN DATE: 02/04/94
Published 1/94
(#150,025,18S35E35C00DV)

OPERATOR (#748982)	WELL NAME	WELL #
UNION OIL CO OF CAL	SOUTH VACUUM UNIT 35	000003

LOCATION	STATE	DIST	COUNTY (#025)	LEASE #
35C 18S 35E	NM	002	LEA	28985

API #	FIELD (#8078274)	RESERVOIR
30-025-0315200	VACUUM SOUTH (DEVONIAN) DV	DEVONIAN

TOTAL DEPTH	UPPER PERF	LOWER PERF	GAS GATH	LIQ GATH	GAS GRAV	LIQ GRAV	TEMP GRAD
			PHIPC	TEXNM			

COMP DATE	1ST PROD DATE	LAST PROD DATE	STATUS DATE	STATUS
		9308		ACT

BEG LIQ CUM	BEG GAS CUM
877147	40434

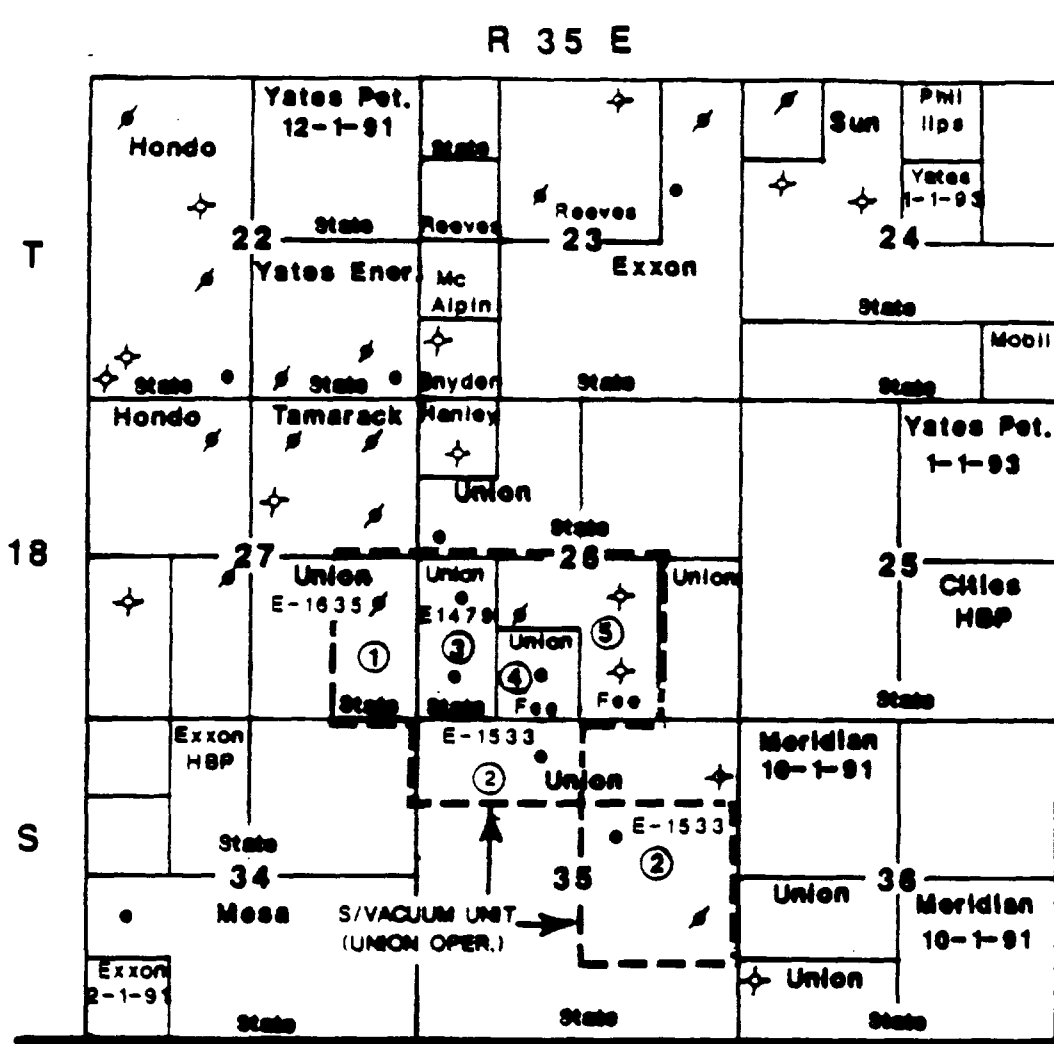
CUM THRU LPD OIL/BBLs	OIL CUM SINCE DATE	CUM THRU LPD CSGHD GAS/MCF	CASINGHEAD CUM SINCE DATE
1214148		40436	5901

DWIGHTS ENERGYDATA, INC.
 UNION OIL CO OF CAL
 SOUTH VACUUM UNIT 35

RUN DATE: 02/04/94
 Published 1/94
 (#150,025,18S35E35C00DV)

*** MONTHLY PRODUCTION HISTORY ***

MONTH	OIL BBLs	CUM OIL BBLs	CASINGHEAD GAS/MCF	CUM CASINGHEAD	WATER BBLs	DAYS ON
JAN	636	1186024	0	40436	71563	31
FEB	560	1186584	0	40436	45360	28
MAR	275	1186859	0	40436	2567	31
APR	297	1187156	0	40436	19136	30
MAY	917	1188073	0	40436	86488	15
JUN	764	1188837	0	40436	82399	30
JUL	790	1189627	0	40436	56853	31
AUG	795	1190422	0	40436	94070	31
SEP	647	1191069	0	40436	74349	30
OCT	735	1191804	0	40436	88834	31
NOV	609	1192413	0	40436	61908	-
DEC	709	1193122	0	40436	85079	31
1990	7734	1193122	0	40436	768606	
JAN	759	1193881	0	40436	92256	31
FEB	688	1194569	0	40436	85029	28
MAR	0	1194569	0	40436	0	0
APR	0	1194569	0	40436	0	0
MAY	792	1195361	0	40436	98264	28
JUN	674	1196035	0	40436	80230	28
JUL	695	1196730	0	40436	79931	31
AUG	518	1197248	0	40436	59764	31
SEP	670	1197918	0	40436	54986	30
OCT	817	1198735	0	40436	47175	30
NOV	754	1199489	0	40436	43450	-
DEC	800	1200289	0	40436	91252	31
1991	7167	1200289	0	40436	732337	
JAN	601	1200890	0	40436	47616	31
FEB	683	1201573	0	40436	44618	29
MAR	554	1202127	0	40436	78019	26
APR	766	1202893	0	40436	75993	30
MAY	803	1203696	0	40436	69188	31
JUN	731	1204427	0	40436	62873	30
JUL	598	1205025	0	40436	71347	31
AUG	803	1205828	0	40436	75269	31
SEP	450	1206278	0	40436	83834	5
OCT	0	1206278	0	40436	0	0
NOV	478	1206756	0	40436	92358	5
DEC	0	1206756	0	40436	76478	0
1992	6467	1206756	0	40436	777593	
JAN	613	1207369	0	40436	83020	8
FEB	845	1208214	0	40436	68244	8
MAR	911	1209125	0	40436	75555	8
APR	953	1210078	0	40436	108040	8
MAY	1087	1211165	0	40436	104195	31
JUN	1054	1212219	0	40436	99897	30
JUL	954	1213173	0	40436	103674	30
AUG	975	1214148	0	40436	94922	30
1993	7392	1214148	0	40436	737547	



REVISED EXHIBIT 'A'
AS CONTRACTED EFFECTIVE 1-1-68

SOUTH VACUUM UNIT AREA

LEA COUNTY, NEW MEXICO

STATE LANDS 400 ACRES

FEE LANDS 160 ACRES

① TRACT NUMBER EXHIBIT 'B'

----- REVISED UNIT OUTLINE

RECEIVED
JUL 30 1939
SANTA FE, N.M.

REVISED EXHIBIT "B"
SOUTH VACUUM UNIT AREA, LEA COUNTY, NEW MEXICO
TOWNSHIP 18 SOUTH, RANGE 35 EAST
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP
OF OIL AND GAS INTERESTS IN ALL LANDS IN THE REVISED UNIT AREA

Tract No.	Description of Land Acres	No. Of Acres	Lease No. & Date	Lessor	Record Lessee	Basic Royalty and Percent	Overriding Royalty & Percent	Working Interest Owner
1.	T-18-S, R-35-E 1/4 Sec. 27: E 1/4 SE 1/4	80 400	E-1635 12-10-47 (HBU) 7/14 2857- <u>State</u>	State	Sinclair Oil & Gas Company	State - All	None	Sinclair Oil & Gas Company
2.	T-18-S, R-35-E 1/4 Sec. 35: E 1/4 SE 1/4, N 1/4 SE 1/4	240	E-1533 10-10-47 (HBU)	State	Union Oil Company of Calif.	State - All	None	Union Oil Company of Calif.
3.	T-18-S, R-35-E 1/4 Sec. 26: W 1/4 SW 1/4	80	E-1479-1 9-10-47 (HBU)	State	Shell Oil Company	State - All	None	Shell Oil Company
4.	T-18-S, R-35-E 1/4 Sec. 26: SE 1/4 SW 1/4	40 160	4-9-57 (HBU) 2857/43- <u>Sec</u>	D. P. Reeves	Union Oil Company of Calif.	D. P. Reeves 1/8	None	Union Oil Company of Calif.
5.	T-18-S, R-35-E 1/4 Sec. 26: W 1/4 SE 1/4, NE 1/4 SW 1/4	120	4-9-57 (HBU)	A. J. Reeves	Union Oil Company of Calif.	A. J. Reeves 1/8	None	Union Oil Company of Calif.

560 = 100%

3 State Tracts, containing 400 acres, and 2 Fee Tracts, containing 160 acres, totaling 560 acres



JIM BACA
COMMISSIONER

State of New Mexico

OFFICE OF THE

Commissioner of Public Lands

Santa Fe

1314
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

SLO REF NO. OG-1286

April 2, 1993

UNOCAL
P.O. Box 3100
Midland, Texas 79702

Attn: Ms. Linda H. Hicks

Re: 1993 Plan of Development
South Vacuum 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,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/pm
cc: OCD ✓
BLM

**Unocal North American
Oil & Gas Division**
Unocal Corporation
1004 North Big Spring Street, Suite 300
P.O. Box 3100
Midland, Texas 79702
Telephone (915) 684-8231



Southwestern Region

March 23, 1993

Oil Conservation Division
Energy & Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. William J. LeMay, Director

1992 Plan of Development
South Vacuum Unit Area
Lea County, New Mexico
South Vacuum Prospect (7459)

Gentlemen:

Please find enclosed for your approval two (2) copies of Union's 1993 Plan of Development for the South Vacuum Unit.

Should you have any questions, please let me know.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA
dba UNOCAL

A handwritten signature in cursive script that reads "Linda H. Hicks".

Linda H. Hicks
Supervisor of Contracts

LHH/jb
Enclosures

1993 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy & Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 88201-2088

Attn: Mr. William J. LeMay, Director
Oil & Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval of this 1993 Plan of Development for the South Vacuum Unit for the period ending December 31, 1993.

SUMMARY OF 1992 OPERATIONS

No new wells were drilled in 1992. The Unit produced a total of 15,951 BO for 1992. Unit wells 35-1 and 35-3 are currently producing at a rate of 18 and 20 BOPD, respectively. Unit wells 1-26 and 2-26 are shut-in.

PLAN OF DEVELOPMENT FOR 1993

We do plan to recomplete 1-26 to the upper Devonian.

Submitted this 23rd day of March, 1993.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks

Linda H. Hicks
Supervisor of Contracts

**1993 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO**

TO: Oil Conservation Division
Energy & Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 88201-2088

Attn: Mr. William J. LeMay, Director
Oil & Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval of this 1993 Plan of Development for the South Vacuum Unit for the period ending December 31, 1993.

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Submitted this 23rd day of March, 1993.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks

Linda H. Hicks
Supervisor of Contracts

UNION OIL CO OF CAL

SOUTH VACUUM UNIT 35

WELL#3

Ident. #	State	Dist	County	Location
18S35E35C00DV	NM(30)	2	025 LEA	35C 18S 35E

API #	Field (#8078274)	Reservoir
30-025-03152	VACUUM SOUTH (DEVONIAN)	DEVONIAN

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
January	601	1200890	0	40436	47616	1
February	683	1201573	0	40436	44618	1
March	554	1202127	0	40436	78019	1
April	766	1202893	0	40436	75993	1
May	803	1203696	0	40436	69188	1
June	731	1204427	0	40436	62873	1
July	598	1205025	0	40436	71347	1
August	803	1205828	0	40436	75269	1
September	450	1206278	0	40436	83834	1
October	0	1206278	0	40436	0	1
November	478	1206278	0	40436	92358	1
December	687	1206278	0	40436	76468	1
Total 1992	5989 7154	1206278	0	40436	608757 777583	1

UNION OIL CO OF CAL

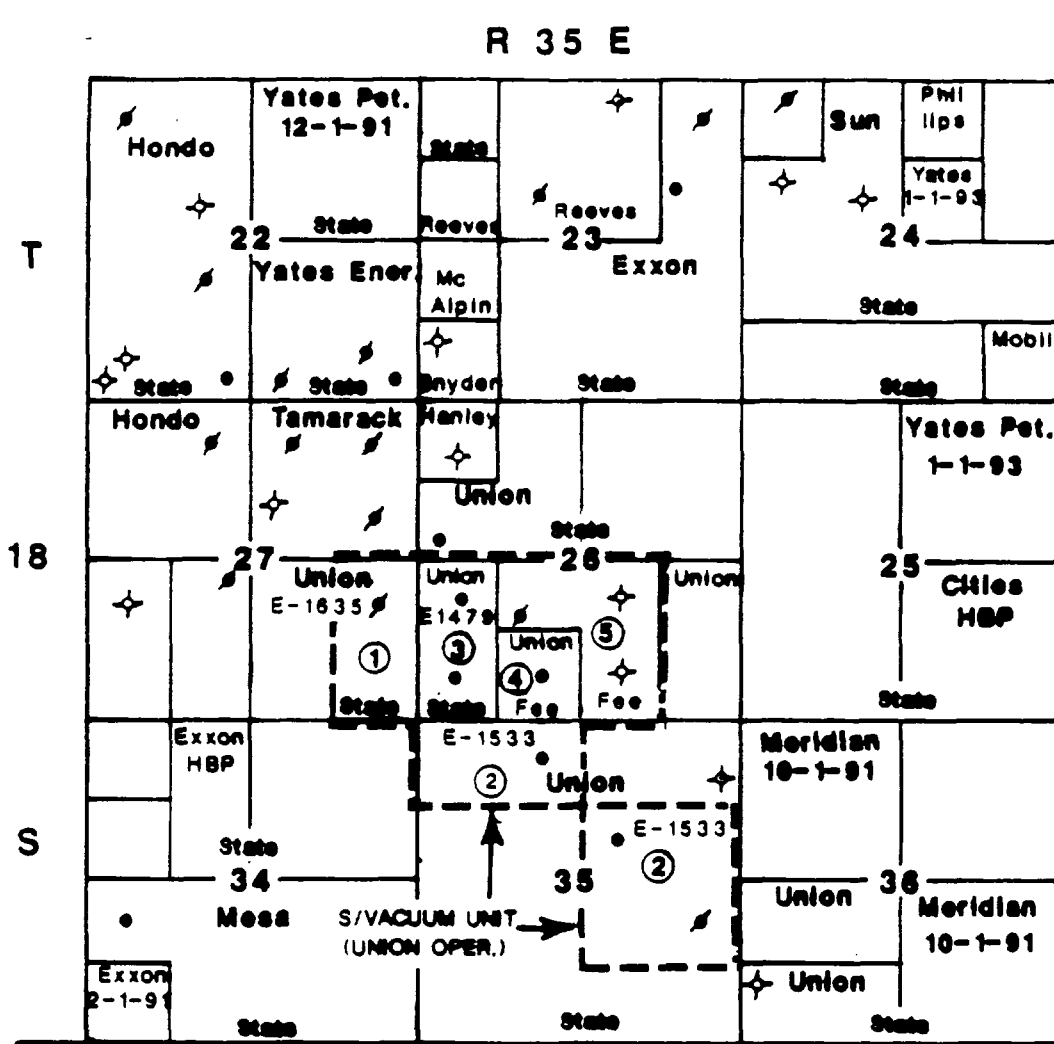
SOUTH VACUUM UNIT 35

WELL#1

State	Dist	County	Location
NM(30)	2	025 LEA	35G 18S 35E

API #	Field (#8078274)	Reservoir
30-025-03150	VACUUM SOUTH (DEVONIAN)	DEVONIAN

Month	Oil bbls	Cum Oil bbls	Gas mcf	Cum Gas mcf	Water bbls	No. of Wells
January	651	1217804	0	52217	51584	1
February	738	1218542	0	52217	48182	1
March	599	1219141	0	52217	84251	1
April	684	1219825	0	52217	67852	1
May	864	1220689	0	52217	74505	1
June	790	1221479	0	52217	67894	1
July	575	1222054	0	52217	68494	1
August	771	1222825	0	52217	72260	1
September	558	1223383	0	52217	103966	1
October	271	1223654	0	52217	61907	1
November	797	1224451	0	52217	153930	1
December	1499	1225950	0	52217	166873	1
Total 1992	8797	1225950	0	52217	1021698	1



REVISED EXHIBIT "A"
AS CONTRACTED EFFECTIVE 1-1-68

SOUTH VACUUM UNIT AREA

LEA COUNTY, NEW MEXICO

STATE LANDS 400 ACRES

FEE LANDS 160 ACRES

① TRACT NUMBER EXHIBIT "B"

----- REVISED UNIT OUTLINE

RECEIVED
JUL 30 6 40 AM '38
SANTA FE OFFICE

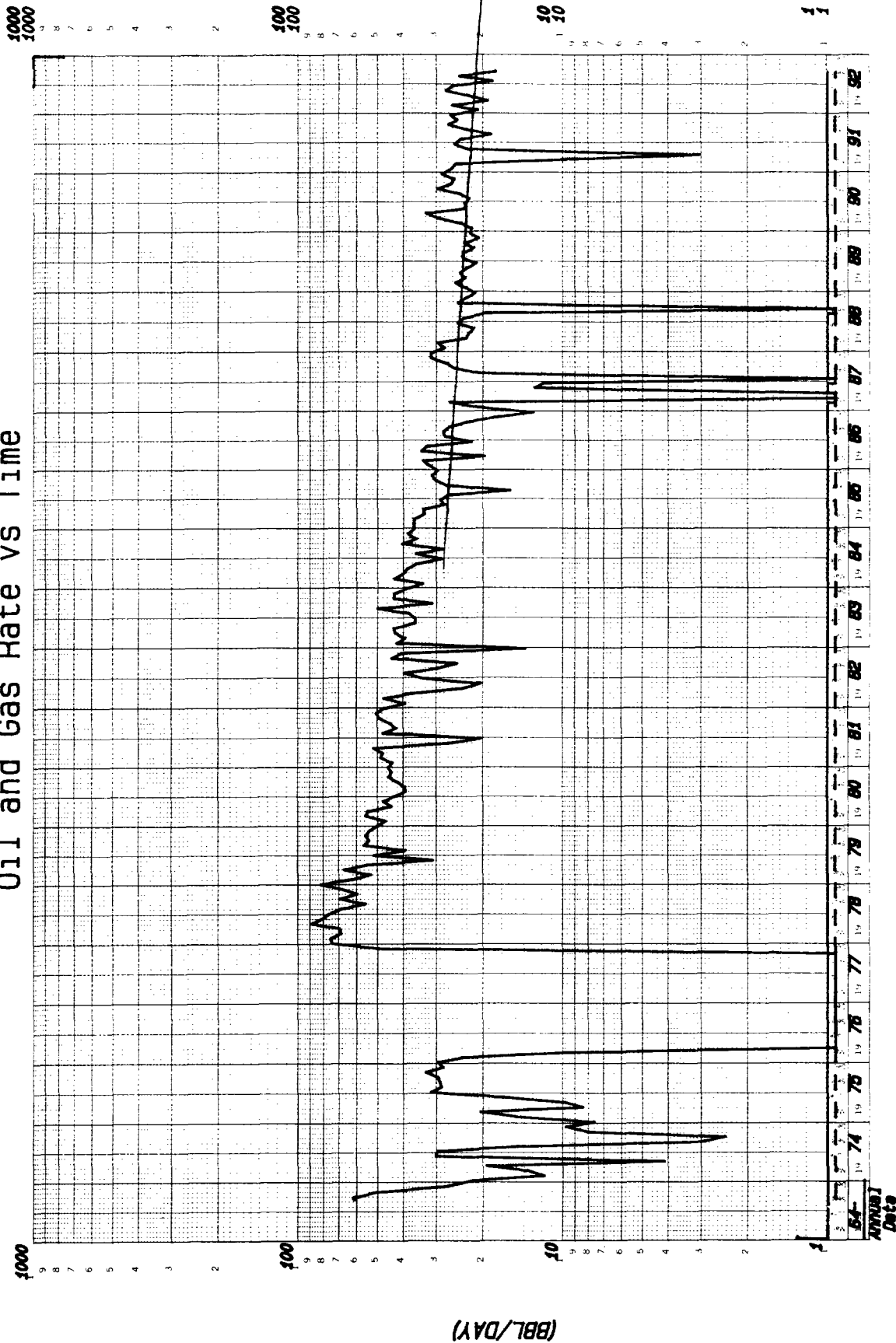
REVISED EXHIBIT "B"
SOUTH VACUUM UNIT AREA, LEA COUNTY, NEW MEXICO
TOWNSHIP 18 SOUTH, RANGE 35 EAST
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP
OF OIL AND GAS INTERESTS IN ALL LANDS IN THE REVISED UNIT AREA

Tract No.	Description of Land Acres	No. Of Acres	Lease No. & Date	Lessor	Record Lessee	Basic Royalty and Percent	Overriding Royalty & Percent	Working Interest Owner
1.	T-18-S, R-35-E Sec. 27: E $\frac{1}{2}$ SE $\frac{1}{4}$	80	E-1635 12-10-47 (HBU)	State	Sinclair Oil & Gas Company	State - All	None	Sinclair Oil & Gas Company
2.	T-18-S, R-35-E Sec. 35: W $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$	240	E-1533 10-10-47 (HBU)	State	Union Oil Company of Calif.	State - All	None	Union Oil Company of Calif.
3.	T-18-S, R-35-E Sec. 26: W $\frac{1}{2}$ SW $\frac{1}{4}$	80	E-1479-1 9-10-47 (HBU)	State	Shell Oil Company	State - All	None	Shell Oil Company
4.	T-18-S, R-35-E Sec. 26: SE $\frac{1}{2}$ SW $\frac{1}{4}$	40	4-9-57 (HBU)	D. P. Reeves	Union Oil Company of Calif.	D. P. Reeves 1/8	None	Union Oil Company of Calif.
5.	T-18-S, R-35-E Sec. 26: W $\frac{1}{2}$ SE $\frac{1}{4}$, NE $\frac{1}{2}$ SW $\frac{1}{4}$	120	4-9-57 (HBU)	A. J. Reeves	Union Oil Company of Calif.	A. J. Reeves 1/8	None	Union Oil Company of Calif.

560 = 100%

3 State Tracts, containing 400 acres, and 2 Fee Tracts, containing 160 acres, totaling 560 acres

Oil and Gas Rate vs Time



UNOCAL (76)		MIDLAND DISTRICT	
Lease:	SOUTH VACUUM UNIT 35 #1		
Field:	VACUUM SOUTH (DEVONIAN)		
County:	LEA	NW	
Operator:	UNION OIL CO OF CAL		
Retrieval Code:	150, 025, 18S35E35G00DV		

LEGEND	
WELLS	---
OIL	---
GAS	---

DV

Date: 02-03-93

Cumulative Bo : 1223383

Cumulative Mcf: 52217

Oil and Gas Rate vs Time

The graph displays the annual oil and gas production rate in barrels per day (BBL/DAY) from 1974 to 1992. The Y-axis is logarithmic, with major grid lines at 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 100, and 1000. The X-axis is labeled 'Annual Data' and shows years from 1974 to 1992. The production rate starts at approximately 100 BBL/DAY in 1974, rises to a peak of about 1000 BBL/DAY in 1982, and then declines sharply to around 10 BBL/DAY by 1984. It remains relatively stable at this low level until 1992, with minor fluctuations.

Year	Oil and Gas Rate (BBL/DAY)
1974	100
1975	150
1976	200
1977	250
1978	300
1979	350
1980	400
1981	450
1982	1000
1983	100
1984	10
1985	10
1986	10
1987	10
1988	10
1989	10
1990	10
1991	10
1992	10

(COUNT)

50%

SYB

**MIDLAND
DISTRICT**

Retrieval Code: 150, 025, 18S35E35C00DV

Cumulative Mcf: 40436

1314

**Unocal North American
Oil & Gas Division**

Unocal Corporation
1004 North Big Spring Street, Suite 300
P.O. Box 3100
Midland, Texas 79702
Telephone (915) 684-8231

OIL CONSERVATION DIVISION
RECEIVED

'92 MAR 30 AM 9 54

UNOCAL 

Southwestern Region

March 23, 1992

Oil Conservation Division
Energy & Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mr. William J. LeMay, Director

1992 Plan of Development
South Vacuum Unit Area
Lea County, New Mexico
South Vacuum Prospect (7459)

Gentlemen:

Please find enclosed for your approval two (2) copies of Union's 1992 Plan of Development for the South Vacuum Unit.

Should you have any questions, please let me know.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA
dba UNOCAL



Linda H. Hicks
Supervisor of Contracts

LHH/jb
Enclosures

1992 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy & Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 88201-2088

Attn: Mr. William J. LeMay, Director
Oil & Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval of this Plan of Development for the South Vacuum Unit for the period ending December 31, 1992.

SUMMARY OF 1991 OPERATIONS

No new wells were drilled in 1991. The Unit produced a total of 15,044 BO for 1991. Unit wells 35-1 and 35-3 are currently producing at a rate of 27 and 26 BOPD, respectively. Unit wells 1-26 and 2-26 are shut-in. The Baytech reentry of South Vacuum Unit 26-2 Well was unsuccessful and the well was plugged.

PLAN OF DEVELOPMENT FOR 1992

No new wells or recompletions for 1992.

Submitted this 23 day of March, 1992.

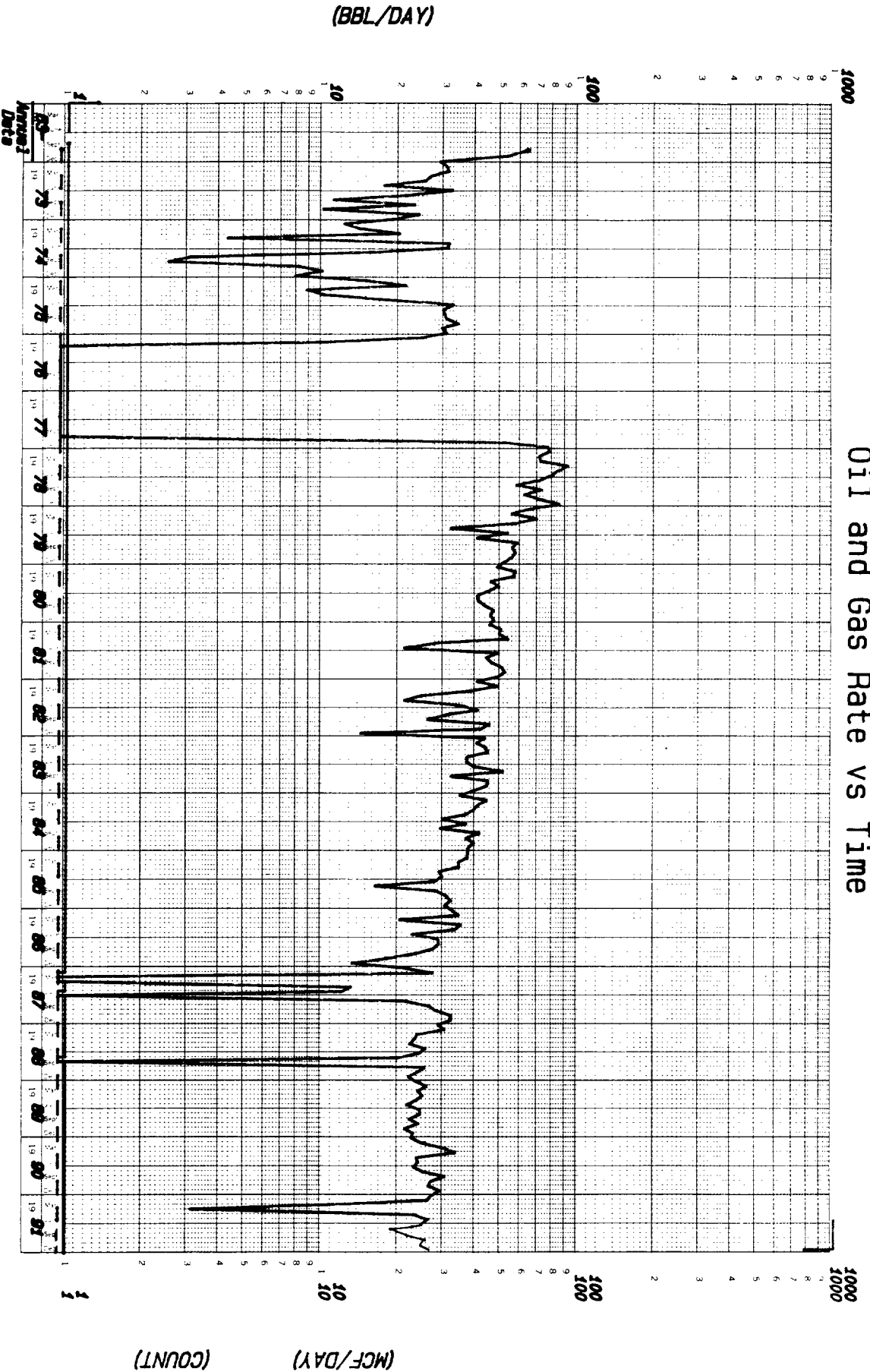
Sincerely,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks

Linda H. Hicks
Supervisor of Contracts

Oil and Gas Rate vs Time



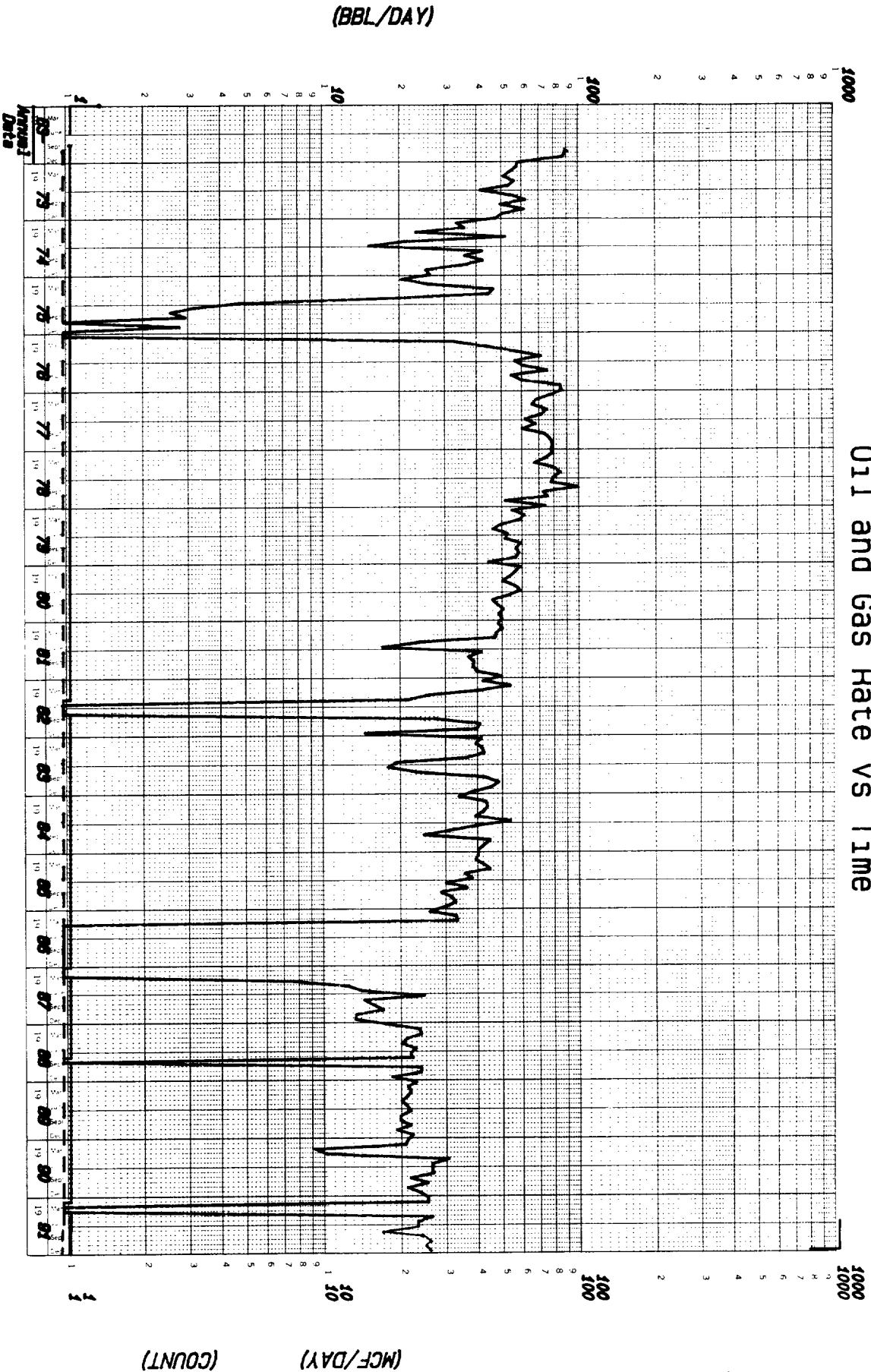
LEGEND	
WELLS	—
OIL	—
GAS	- - -

UNOCAL		ANDREWS DISTRICT	
Lease:	SOUTH VACUUM UNIT 35 #1-35		
Field:	VACUUM SOUTH (DEVONIAN)		
County:	LEA NM		
Operator:	UNION OIL CO OF CAL		
Retrieval Code:	150, 025, 18539E35600DV		

DV

Date: 02-14-92
 Cumulative Bo : 1213455
 Cumulative Mcf: 52217

Oil and Gas Rate vs Time

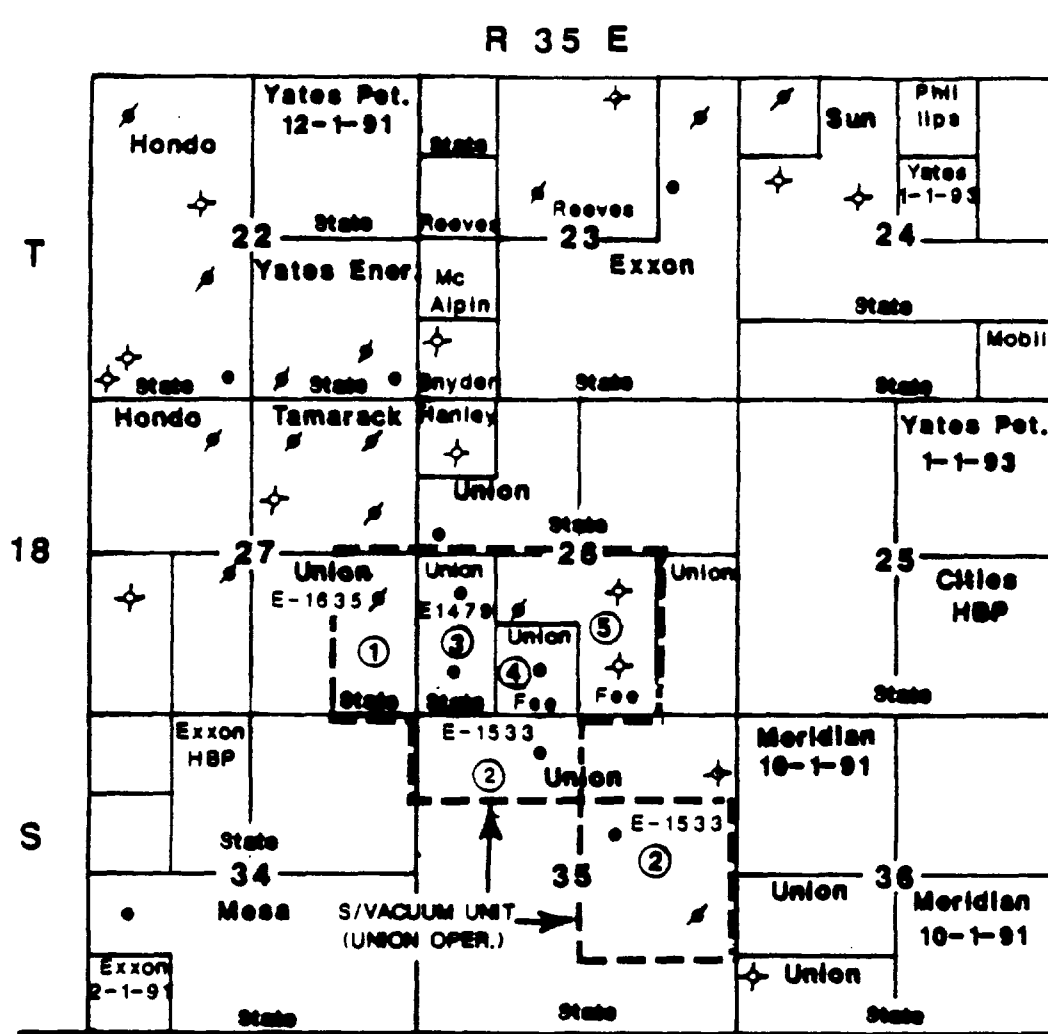


LEGEND	
WELLS	—
OIL	—
GAS	—

UNOCAL		ANDREWS
		DISTRICT
Lease:	SOUTH VACUUM UNIT 35 #3-35	
Field:	VACUUM SOUTH (DEVONIAN)	
County:	LEA	NM
Operator:	UNION OIL CO OF CAL	
Retrieval Code:	150, 025, 18535E35C00DV	

DV

Date: 02-14-92
 Cumulative Bo : 1196730
 Cumulative Mcf: 40436



REVISED EXHIBIT "A"
AS CONTRACTED EFFECTIVE 1-1-68

SOUTH VACUUM UNIT AREA

LEA COUNTY, NEW MEXICO

STATE LANDS 400 ACRES

FEE LANDS 160 ACRES

① **TRACT NUMBER EXHIBIT "B"**

----- **REVISED UNIT OUTLINE**

1/21/91

Dear Mr. Schutz:

The originals which need to be delivered to the Oil Conservation Division were omitted from the first Federal Express package sent to you. They are enclosed herewith.

Sorry for any inconvenience.

BAYTECH, INC.

Unocal Oil & Gas Division
Unocal Corporation
1004 North Big Spring Street, Suite 300
P.O. Box 3100
Midland, Texas 79702
Telephone (915) 684-8231

IOCAL 76

#1314
RECEIVED
RECEIVED

JAN
OIL CONSERVATION DIVISION
OIL CONSERVATION DIVISION

January 12, 1991

Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Attn: Mr. William J. LeMay
Director
Oil and Gas Division

RE: South Vacuum Unit
Lea County, New Mexico

Gentlemen:

Enclosed please find in duplicate Union's 1991 Plan of Development for referenced Unit. You will note that Union and the other working interest owners have farmed out the NW/4 SW/4 Section 26 for re-entry into the South Vacuum Unit 26-2 well to attempt a Delaware completion. Baytech, Inc. will be operating the well.

Would you please expedite your approval of these two documents as Baytech would like to proceed as soon as possible.

Should you have any questions, please advise.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA
dba UNOCAL

Linda H. Hicks

Linda H. Hicks
Supervisor of Contracts

LHH/jb
Enclosures
cc: Baytech, Inc.
Ventana Exploration, Inc.

1991 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Attn: Mr. William J. LeMay, Director
Oil and Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development of the South Vacuum Unit for the period ending December 31, 1991.

SUMMARY OF 1990 OPERATIONS:

No new wells were drilled in 1990. The Unit produced a total of 17,314 BO for 1990. Unit wells 35-1 and 35-3 are currently producing at a rate of 29 and 23 BOPD, respectively. Unit wells 1-26 and 2-26 are shut-in.

PLAN OF DEVELOPMENT FOR 1991:

No new wells are planned to be drilled in 1991. Baytech, Inc. plans to re-enter the South Vacuum Unit 26-2 well (NW/4 SW/4 Section 26-18S-35E) and attempt a completion in the Delaware formation. Union will file a Designation of Operator to allow Baytech, Inc. to operate this well only.

Submitted this 14 day of January, 1991.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

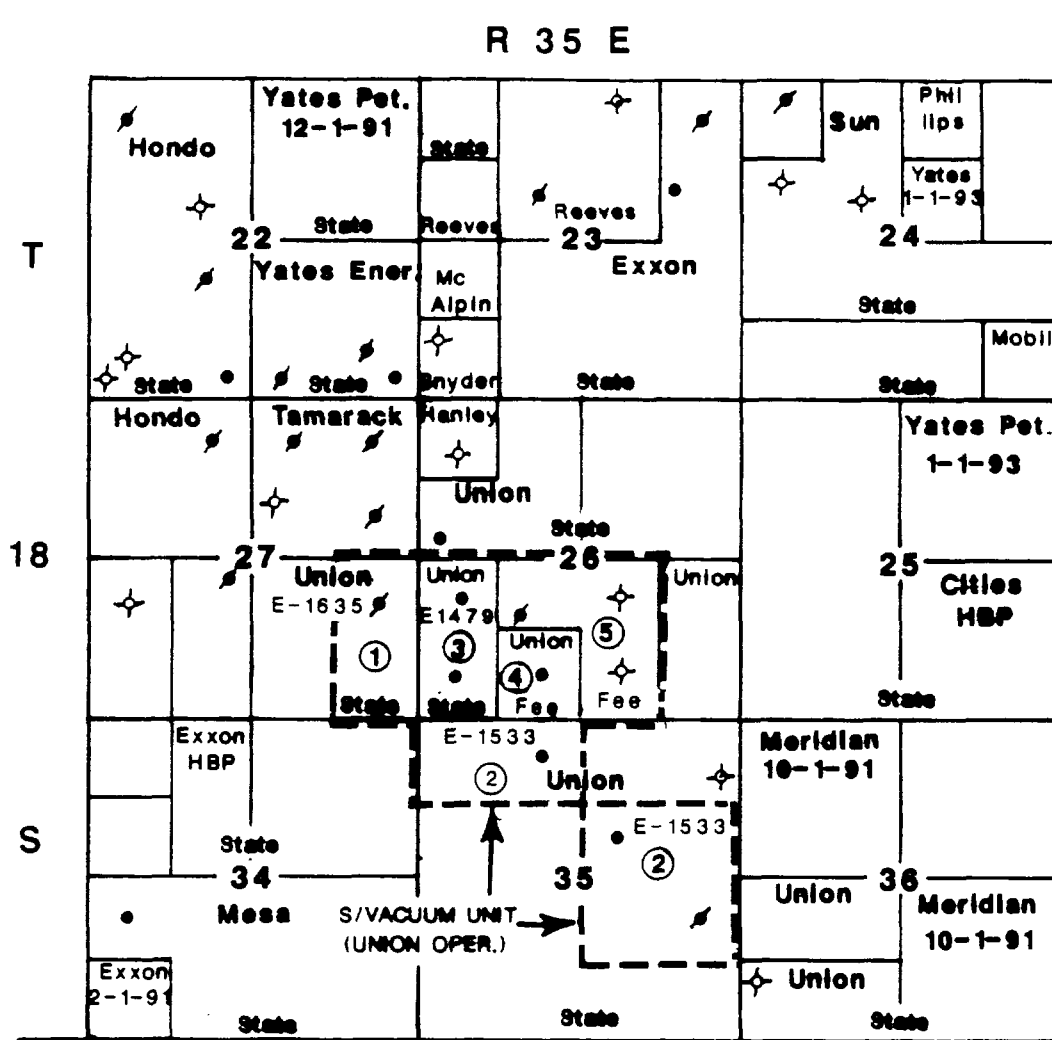
Linda H. Hicks

Linda H. Hicks
Supervisor of Contracts

LHH/jb

SOUTH VACUUM UNIT

<u>1989</u>	<u>OIL</u> <u>(Bbls)</u>	<u>GAS</u> <u>(MCF)</u>
Jan.	1407	0
Feb.	1291	0
Mar.	1381	0
Apr.	1351	0
May	1320	0
June	1346	0
July	1396	0
Aug.	1340	0
Sept.	1269	0
Oct.	1341	0
Nov.	1181	0
Dec.	1364	0
<u>1990</u>		
Jan.	1324	0
Feb.	1244	0
Mar.	1195	0
Apr.	1290	0
May	1637	0
June	1470	0
July	1491	0
Aug.	1559	0
Sept.	1577	0
Oct.	1531	0
Nov.	1384	0
Dec.	1612	0



REVISED EXHIBIT "B"
 SOUTH VACUUA UNIT AREA, LEA COUNTY, NEW MEXICO
 TOWNSHIP 18 SOUTH, RANGE 35 EAST
 SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP
 OF OIL AND GAS INTERESTS IN ALL LANDS IN THE REVISED UNIT AREA

560 = 100 %

3 State Tracts, containing 400 acres, and 2 Fee Tracts, containing 160 acres, totaling 560 acres

Tract No.	Description of Land	No. of Acres	Lease No. & Date	Lessor	Record Lessee	Basic Royalty and Percent	Overriding Royalty & Percent	Working Interest Owner
1.	T-18-S, R-35-E, 1/4 Sec. 27: E 1/2 SE 1/4, 1/4	80	E-1635 12-10-47 (HBU)	State	Sinclair Oil & Gas Company	State - All	None	Sinclair Oil & Gas Company
2.	T-18-S, R-35-E, 1/4 Sec. 35: NE 1/4, 1/4 S 1/2 SE 1/4, 1/4 NE 1/4 SE 1/4	240	E-1533 10-10-47 (HBU)	State	Union Oil Company of Calif.	State - All	None	Union Oil Company of Calif.
3.	T-18-S, R-35-E, 1/4 Sec. 26: W 1/2 SW 1/4, 1/4	80	E-1479-1 9-10-47 (HBU)	State	Shell Oil Company	State - All	None	Shell Oil Company
4.	T-18-S, R-35-E, 1/4 Sec. 26: SE 1/4 SW 1/4	40	4-9-57 (HBU)	D. P. Reeves	Union Oil Company of Calif.	D. P. Reeves 1/8	None	Union Oil Company of Calif.
5.	T-18-S, R-35-E, 1/4 Sec. 26: W 1/2 SE 1/4, 1/4 NE 1/4 SW 1/4	120	4-9-57 (HBU)	A. J. Reeves	Union Oil Company of Calif.	A. J. Reeves 1/8	None	Union Oil Company of Calif.

RECEIVED
 JUN 30 0 42 PM '50
 STATE LAND OFFICE
 SANTA FE, N.M.

1991 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Attn: Mr. William J. LeMay, Director
Oil and Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development of the South Vacuum Unit for the period ending December 31, 1991.

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PLAN OF DEVELOPMENT FOR 1991:

No new wells are planned to be drilled in 1991. Baytech, Inc. plans to re-enter the South Vacuum Unit 26-2 well (NW/4 SW/4 Section 26-18S-35E) and attempt a completion in the Delaware formation. Union will file a Designation of Operator to allow Baytech, Inc. to operate this well only.

Submitted this 14 day of January, 1991.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

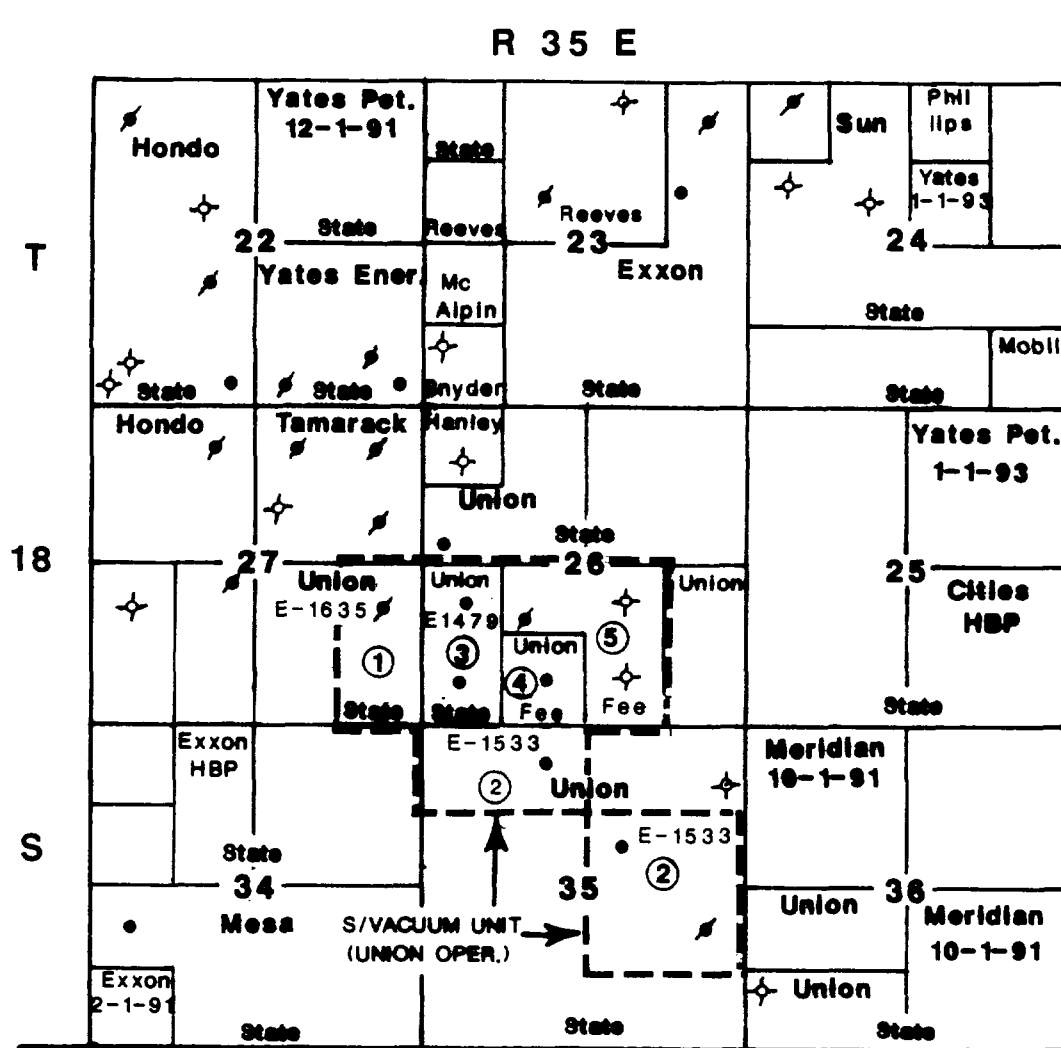
Linda H. Hicks

Linda H. Hicks
Supervisor of Contracts

LHH/jb

SOUTH VACUUM UNIT

<u>1989</u>	<u>OIL</u> <u>(Bbls)</u>	<u>GAS</u> <u>(MCF)</u>
Jan.	1407	0
Feb.	1291	0
Mar.	1381	0
Apr.	1351	0
May	1320	0
June	1346	0
July	1396	0
Aug.	1340	0
Sept.	1269	0
Oct.	1341	0
Nov.	1181	0
Dec.	1364	0
<u>1990</u>		
Jan.	1324	0
Feb.	1244	0
Mar.	1195	0
Apr.	1290	0
May	1637	0
June	1470	0
July	1491	0
Aug.	1559	0
Sept.	1577	0
Oct.	1531	0
Nov.	1384	0
Dec.	1612	0



REVISED EXHIBIT "A"
AS CONTRACTED EFFECTIVE 1-1-68

SOUTH VACUUM UNIT AREA

LEA COUNTY, NEW MEXICO

STATE LANDS 400 ACRES

FEE LANDS 160 ACRES

① **TRACT NUMBER EXHIBIT "B"**

----- **REVISED UNIT OUTLINE**

RECEIVED
JUN 30 6 40 AM '60
STATE LAND OFFICE
SANTA FE, N.M.

REVISED EXHIBIT "B"
SOUTH VACUUM UNIT AREA, LEA COUNTY, NEW MEXICO
TOWNSHIP 18 SOUTH, RANGE 35 EAST
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP
OF OIL AND GAS INTERESTS IN ALL LANDS IN THE REVISED UNIT AREA

Tract No.	Description of Land Acres	No. Of Acres	Lease No. & Date	Lessor	Record Lessee	Basic Royalty and Percent	Overriding Royalty & Percent	Working Interest Owner
T-18-S, R-35-E 1/4 Sec. 27: E 1/4 SE 1/4	80	400	E-1635 12-10-47 (HBU)	State	Sinclair Oil & Gas Company	State - All	None	Sinclair Oil & Gas Company
T-18-S, R-35-E 1/4 Sec. 35: N 1/4 NE 1/4, N 1/4 SE 1/4	240		E-1533 10-10-47 (HBU)	State	Union Oil Company of Calif.	State - All	None	Union Oil Company of Calif.
T-18-S, R-35-E 1/4 Sec. 26: W 1/4 SW 1/4	80		E-1479-1 9-10-47 (HBU)	State	Shell Oil Company	State - All	None	Shell Oil Company
T-18-S, R-35-E 1/4 Sec. 26: SE 1/4 SW 1/4	40	160	4-9-57 (HBU)	D. P. Reeves	Union Oil Company of Calif.	D. P. Reeves 1/8	None	Union Oil Company of Calif.
T-18-S, R-35-E 1/4 Sec. 26: W 1/4 SE 1/4, NE 1/4 SW 1/4	120		4-9-57 (HBU)	A.J. Reeves	Union Oil Company of Calif.	A. J. Reeves 1/8	None	Union Oil Company of Calif.

560 = 100%

3 State Tracts, containing 400 acres, and 2 Fee Tracts, containing 160 acres, totaling 560 acres

1991 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

RECEIVED

JAN 24 1991

TO: Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

OIL CONSERVATION DIVISION

Attn: Mr. Floyd O. Prando, Director
Oil and Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development of the South Vacuum Unit for the period ending December 31, 1991.

SUMMARY OF 1990 OPERATIONS:

No new wells were drilled in 1990. The Unit produced a total of 17,314 BO for 1990. Unit wells 35-1 and 35-3 are currently producing at a rate of 29 and 23 BOPD, respectively. Unit wells 1-26 and 2-26 are shut-in.

PLAN OF DEVELOPMENT FOR 1991:

No new wells are planned to be drilled in 1991. Baytech, Inc. plans to re-enter the South Vacuum Unit 26-2 well (NW/4 SW/4 Section 26-18S-35E) and attempt a completion in the Delaware formation. Union will file a Designation of Operator to allow Baytech, Inc. to operate this well only.

Submitted this 14 day of January, 1991.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks

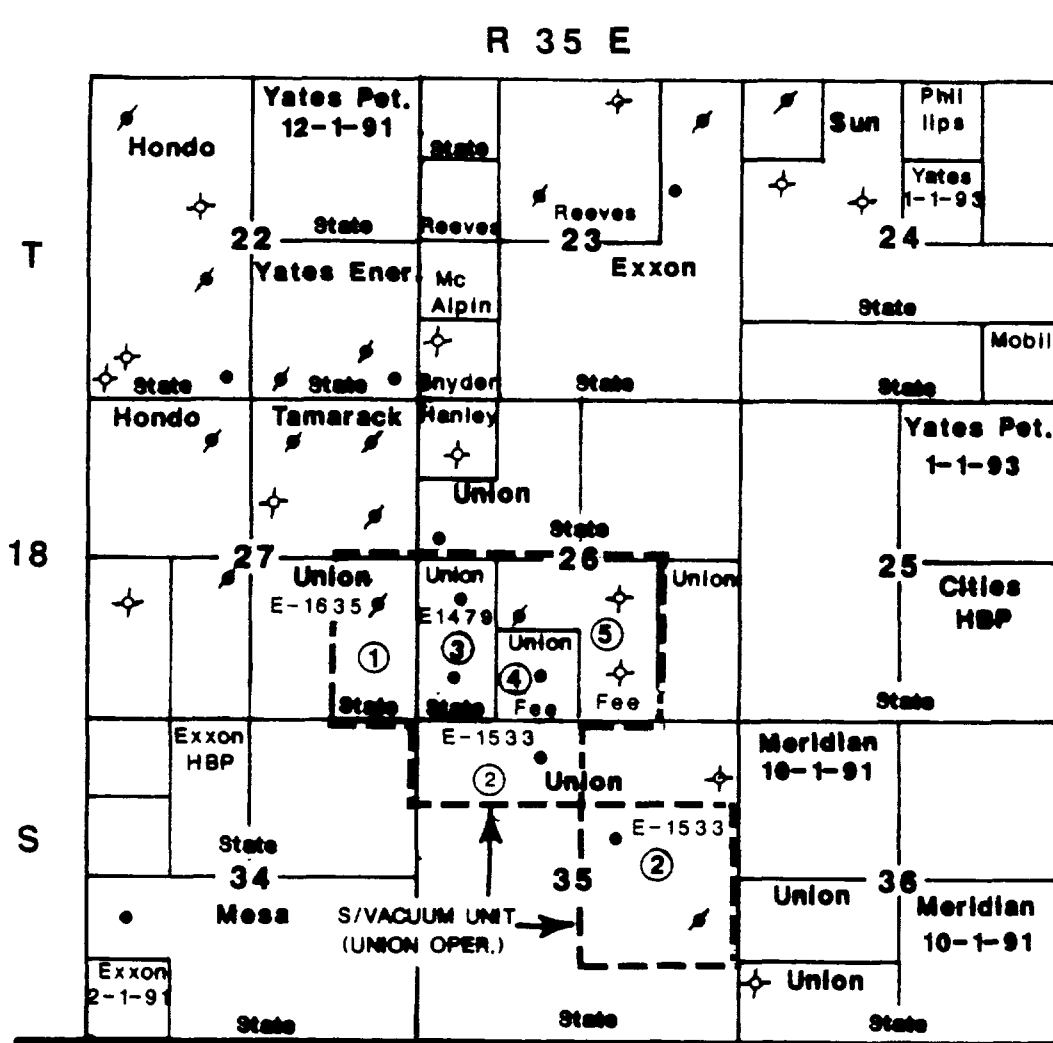
Linda H. Hicks
Supervisor of Contracts

Packet #2

To be delivered to the
Oil Conservation Division

SOUTH VACUUM UNIT

<u>1989</u>	<u>OIL</u> <u>(Bbls)</u>	<u>GAS</u> <u>(MCF)</u>
Jan.	1407	0
Feb.	1291	0
Mar.	1381	0
Apr.	1351	0
May	1320	0
June	1346	0
July	1396	0
Aug.	1340	0
Sept.	1269	0
Oct.	1341	0
Nov.	1181	0
Dec.	1364	0
<u>1990</u>		
Jan.	1324	0
Feb.	1244	0
Mar.	1195	0
Apr.	1290	0
May	1637	0
June	1470	0
July	1491	0
Aug.	1559	0
Sept.	1577	0
Oct.	1531	0
Nov.	1384	0
Dec.	1612	0



REVISED EXHIBIT "A"
AS CONTRACTED EFFECTIVE 1-1-68

SOUTH VACUUM UNIT AREA

LEA COUNTY, NEW MEXICO

STATE LANDS 400 ACRES

FEE LANDS 160 ACRES

① TRACT NUMBER EXHIBIT "B"

----- REVISED UNIT OUTLINE

REVISED EXHIBIT "B"
SOUTH VACUUM UNIT AREA, LEA COUNTY, NEW MEXICO
TOWNSHIP 18 SOUTH, RANGE 35 EAST
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP
OF OIL AND GAS INTERESTS IN ALL LANDS IN THE REVISED UNIT AREA

RECEIVED
OCT 30 6 40 AM '50
STATE LAND OFFICE
SANTA FE, N.M.

Tract No.	Description of Land	No. Of Acres	Lease No. & Date	Lessor	Record Lessee	Basic Royalty and Percent	Overriding Royalty & Percent	Working Interest Owner
1.	T-18-S, R-35-E 1/4 Sec. 27: E 1/2 SE 1/4	80	E-1635 12-10-47 (HBU)	State	Sinclair Oil & Gas Company	State - All	None	Sinclair Oil & Gas Company
2.	T-18-S, R-35-E 1/4 Sec. 35: N 1/2 NW 1/4, N 1/2 SE 1/4, S 1/2 NE 1/4, N 1/2 SE 1/4	400 240	7742857- E-1533 10-10-47 (HBU)	State	Union Oil Company of Calif.	State - All	None	Union Oil Company of Calif.
3.	T-18-S, R-35-E 1/4 Sec. 26: W 1/2 SW 1/4	80	E-1479-1 9-10-47 (HBU)	State	Shell Oil Company	State - All	None	Shell Oil Company
4.	T-18-S, R-35-E Sec. 26: SE 1/4 SW 1/4	40 160	4-9-57 (HBU) 2857143- 4-9-57 (HBU)	D. P. Reeves	Union Oil Company of Calif.	D. P. Reeves 1/8	None	Union Oil Company of Calif.
5.	T-18-S, R-35-E Sec. 26: W 1/2 SE 1/4, NE 1/4 SW 1/4	120	A.J. Reeves	Union Oil Company of Calif.	A. J. Reeves 1/8	None	Union Oil Company of Calif.	

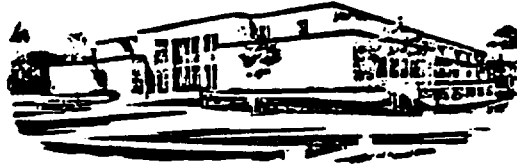
560 = 100 %

3 State Tracts, containing 400 acres, and 2 Fee Tracts, containing 160 acres, totaling 560 acres

560 = 100%

3 State Tracts, containing 400 acres, and 2 Fee Tracts, containing 160 acres, totaling 560 acres

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

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

March 5, 1991

Union Oil Company of California
P.O. Box 3100
Midland, TX 79702

Attn: Ms. Linda Hicks

Re: South Vacuum Unit
"26" No. 2 Well
Lea County, New Mexico
Disregard: Change of Operator

Dear Ms. Hicks:

Please be advised that the Commissioner of Public Lands hereby rescinds approval (approval letter dated January 24, 1991) of the Designation of Operator of Baytech Incorporated as operator of the South Vacuum Unit "26" No. 2 well.

Baytech Incorporated re-entered the South Vacuum Unit "26" No. 2 well and resulted in a dry hole; the well will be plugged and abandoned. In a letter dated February 21, 1991 Baytech Incorporated informs us that they will not operate further wells in this unit.

Union Oil Company of California is Unit Operator for South Vacuum Unit "26" No. 2 well.

If you have further questions regarding this matter please contact our office at 827-5791.

Sincerely,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/DM/dm

enclosure

cc: Baytech, Incorporated

OCB

BAYTECH, INC.

OIL & GAS PRODUCERS

February 21, 1991

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87501

Attention: Mr. Floyd Prando

RE: **SOUTH VACUUM UNIT**
Lea County, New Mexico

Gentlemen:

On January 23, 1991, Mr. Doug Schutz of Schutz Abstract Company delivered to your office duplicate originals of a Designation of Operator form covering the re-entry by Baytech, Inc. of the South Vacuum Unit "26" No. 2 well. The designation, as well as a Plan of Development, were delivered under Union Oil Company of California's letter dated January 11, 1991.

Pursuant to your telephone conversation today with Judy Shephard of our office, it is our understanding that said designation was never processed due to a lack of personnel in your unit section.

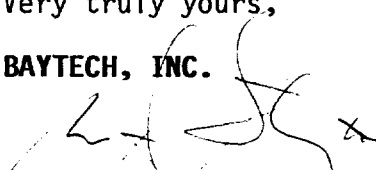
Please be advised that this re-entry resulted in a dry hole, and the well will be plugged and abandoned. Per your instructions to Ms. Shephard, we request that your office proceed no further with processing the Designation of Operator form, as Baytech, Inc. will not operate further wells in this unit.

We respectfully request that you notify Union Oil Company of California, as unit operator, of the Commission's actions in this regard.

Thank you for your assistance in this regard. Should you have any questions or comments, please do not hesitate to contact our office.

Very truly yours,

BAYTECH, INC.


Ben A. Strickling, III
President

:js

cc: Ms. Linda Hicks
Union Oil Company of California
P. O. Box 3100
Midland, Texas 79702

January 24, 1991

Unocal Corporation
Oil & Gas Division
1004 North Big Spring St.
Suite 300
P.O. Box 3100
Midland, TX 79702

Re: South Vacuum Unit
Lea County, New Mexico
Designation of Operator - Baytech Inc.,
Re-entry of S. Vacuum Unit 26-2 Well for Delaware Test.

Gentlemen:

The Commissioner of Public Lands hereby grants approval of the Designation of Baytech, Incorporated as operator for the subject well only.

This approval does not modify, amend or supercede the terms of the Unit Agreement.

If you have any questions regarding this matter, please contact Clyde Langdale at (505) 827-5791.

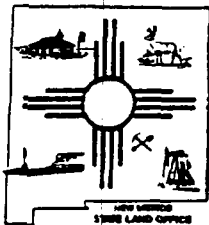
Sincerely,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/CL/dm

cc: OCD
BLM
TRD
Royalty Management



State of New Mexico
Commissioner of Public Lands

1314

W. R. Humphries
COMMISSIONER

April 27, 1990

Advisory Board

George Clark
Chairman

Kristin Conniff
Vice Chairman

Melvin Cordova

Joe Kelly

Robert Portillos

Nancy Lynch Vigil

Rex Wilson

UNOCAL

P.O. Box 3100

Midland, Texas 79702

ATTN: Ms. Linda Hicks

RE: South Vacuum Unit
1990 Plan of Development

Gentlemen:

The Commissioner of Public Lands has this date approved the 1990 Plan of Development for the South Vacuum Unit. 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.

Enclosed is an approved copy of the 1990 Plan of Development for your files. If we may be of further help, please do not hesitate to contact this office at (505) 827-5746.

Very truly yours,

W.R. HUMPHRIES,
COMMISSIONER OF PUBLIC LANDS

BY:

Floyd O. Prando

FLOYD O. PRANDO, Director
Oil and Gas Division
(505) 827-5746

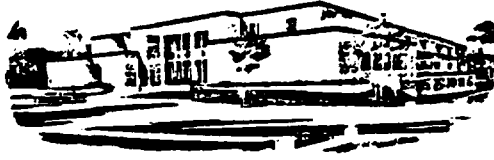
cc: OCD - Santa Fe, New Mexico
BLM
Unit Correspondence File
Unit P.O.D. File

WRH/FOP/SMH

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

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

January 24, 1991

Unocal Corporation
Unocal Oil & Gas Division
P.O. Box 3100
Midland, TX 79702

Attn: Linda Hicks

Re: South Vacuum Unit
Lea County, New Mexico
1991 Plan of Development

Dear Ms. Hicks:

The Commissioner of Public Lands has this date approved the 1991 Plan of Development for the South Vacuum Unit. Our approval is subject to like approval by all other appropriate agencies.

There is a possibility of drainage by wells outside the Unit Area and the need for further development may exist.

If we may be of further assistance please contact Clyde Langdale at (505) 827-5791.

Sincerely,

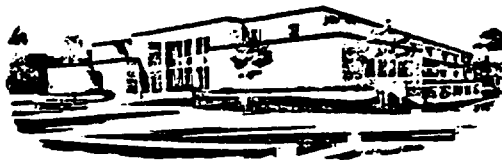
JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/CL/dm

cc: OCD
Unit POD File
Unit Correspondence File

State of New Mexico



JIM BACA
COMMISSIONER

Commissioner of Public Lands

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

January 24, 1991

Unocal Corporation
Oil & Gas Division
1004 North Big Spring St.
Suite 300
P.O. Box 3100
Midland, TX 79702

Re: South Vacuum Unit
Lea County, New Mexico
Designation of Operator - Baytech Inc.,
Re-entry of S. Vacuum Unit 26-2 Well for Delaware Test.

Gentlemen:

The Commissioner of Public Lands hereby grants approval of the Designation of Baytech, Incorporated as operator for the subject well only.

This approval does not modify, amend or supercede the terms of the Unit Agreement.

If you have any questions regarding this matter, please contact Clyde Langdale at (505) 827-5791.

Sincerely,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/FOP/CL/dm

cc: OCD
BLM
TRD
Royalty Management

#1314
Unocal North American
Oil & Gas Division
Unocal Corporation
1004 North Big Spring Street, Suite 300
P.O. Box 3100
Midland, Texas 79702
Telephone (915) 684-8231

RECEIVED
DIVISION
90 MAR 29 AM 9 27

UNOCAL 76

Southwestern Region

March 28, 1990

Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Attn: Mr. William J. LeMay,
Director

RE: 1990 Plan of Development
~~South Vacuum Unit~~
Vacuum/S Prospect (7459)
Lea County, New Mexico

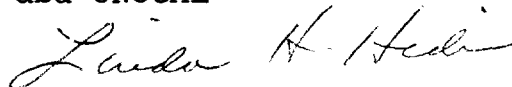
Gentlemen:

Please find enclosed for your approval two copies of Union's
1990 Plan of Development for the South Vacuum Unit.

Should you have any questions, please let me know.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA
dba UNOCAL



Linda H. Hicks
Supervisor of Contracts

LHH/jb
Enclosures

1990 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Attn: Mr. William J. LeMay, Director
Oil and Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development of the South Vacuum Unit for the period ending December 31, 1990.

SUMMARY OF 1989 OPERATIONS:

No new wells were drilled in 1989. The Unit produced a total of 15,987 BO for 1989. Unit wells 35-1 and 35-3 are currently producing at a rate of 23 and 21 BOPD, respectively. Unit wells 1-26 and 2-26 are shut-in.

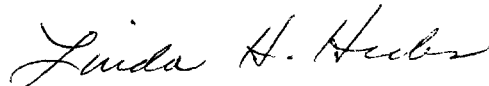
PLAN OF DEVELOPMENT FOR 1990:

No new wells are planned to be drilled in 1990.

Submitted this 27 day of March, 1990.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA
dba UNOCAL



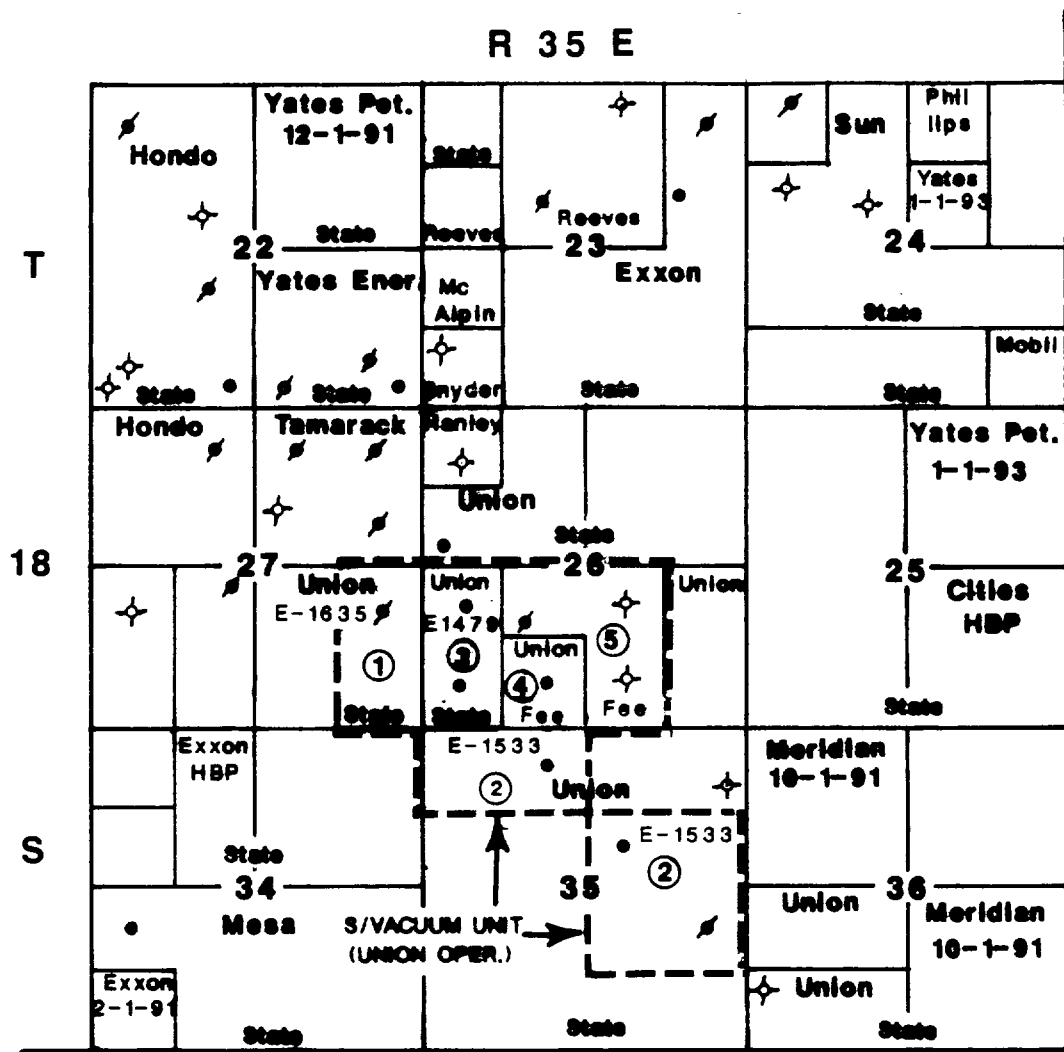
Linda H. Hicks
Supervisor of Contracts

LHH/jb

South Vacuum Unit

	<u>Oil</u> <u>(Bbls)</u>	<u>Gas</u> <u>(MCF)</u>
<u>1988</u>		
Jan.	1398	0
Feb.	1476	0
Mar.	1442	0
Apr.	1292	0
May	1275	0
June	1418	0
July	1385	0
Aug.	1272	0
Sept.	1398	0
Oct.	1449	0
Nov.	1401	0
Dec.	1219	0
<u>1989</u>		
Jan.	1407	0
Feb.	1291	0
Mar.	1381	0
Apr.	1351	0
May	1320	0
June	1346	0
July	1396	0
Aug.	1340	0
Sept.	1269	0
Oct.	1341	0
Nov.	1181	0
Dec.	1364	0

S Vacuum Division



REVISED EXHIBIT "A"
AS CONTRACTED EFFECTIVE 1-1-68

SOUTH VACUUM UNIT AREA

LEA COUNTY, NEW MEXICO

STATE LANDS 400 ACRES

FEE LANDS 160 ACRES

① **TRACT NUMBER EXHIBIT "B"**

----- **REVISED UNIT OUTLINE**

**1990 PLAN OF DEVELOPMENT
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO**

TO: Oil Conservation Division
Energy and Minerals Division
P. O. Box 2088
Santa Fe, New Mexico 87501-2088

Attn: Mr. William J. LeMay, Director
Oil and Gas Division

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development of the South Vacuum Unit for the period ending December 31, 1990.

SUMMARY OF 1989 OPERATIONS:

No new wells were drilled in 1989. The Unit produced a total of 15,987 BO for 1989. Unit wells 35-1 and 35-3 are currently producing at a rate of 23 and 21 BOPD, respectively. Unit wells 1-26 and 2-26 are shut-in.

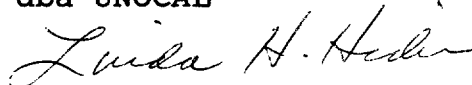
PLAN OF DEVELOPMENT FOR 1990:

No new wells are planned to be drilled in 1990.

Submitted this 27 day of March, 1990.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA
dba UNOCAL



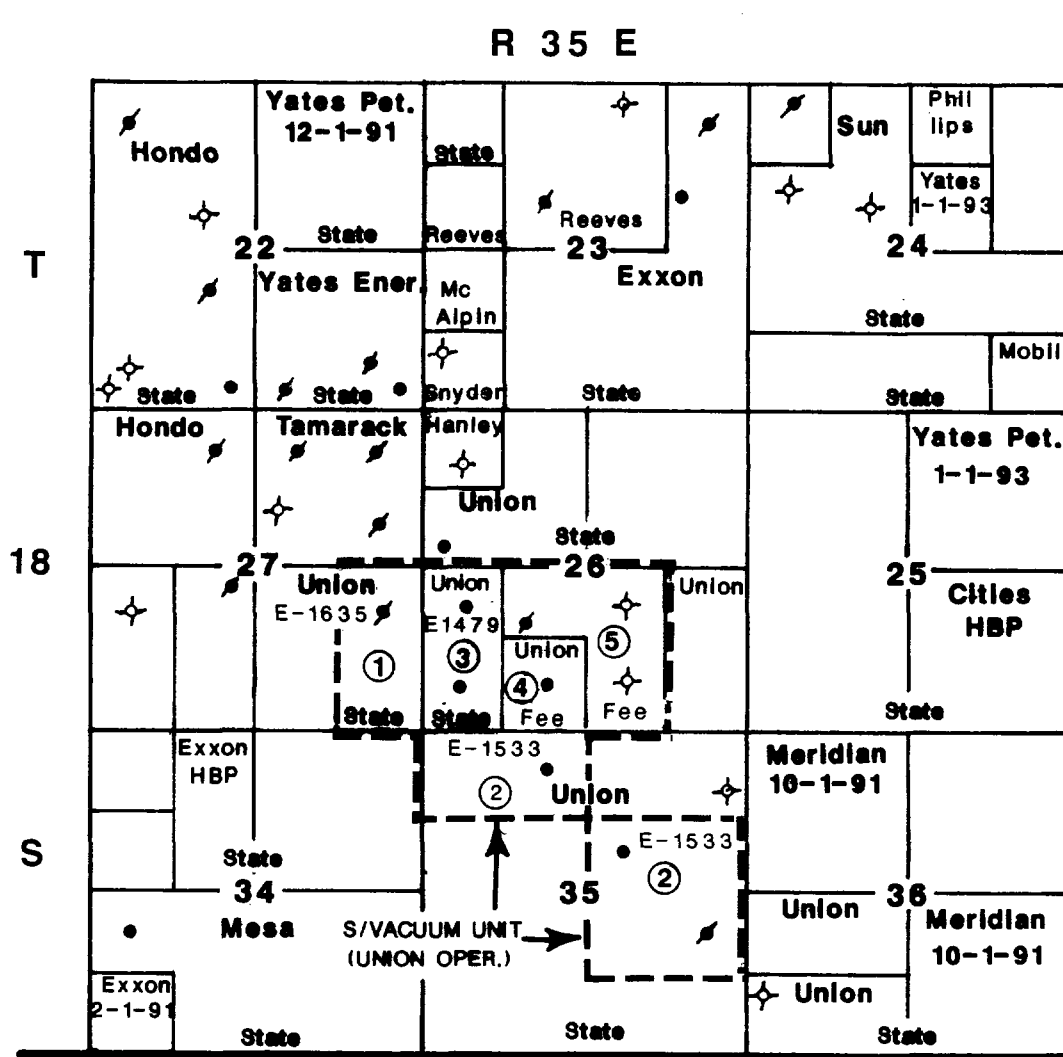
Linda H. Hicks
Supervisor of Contracts

LHH/jb

South Vacuum Unit 3

	<u>Oil</u> <u>(Bbls)</u>	<u>Gas</u> <u>(MCF)</u>
<u>1988</u>		
Jan.	1398	0
Feb.	1476	0
Mar.	1442	0
Apr.	1292	0
May	1275	0
June	1418	0
July	1385	0
Aug.	1272	0
Sept.	1398	0
Oct.	1449	0
Nov.	1401	0
Dec.	1219	0
<u>1989</u>		
Jan.	1407	0
Feb.	1291	0
Mar.	1381	0
Apr.	1351	0
May	1320	0
June	1346	0
July	1396	0
Aug.	1340	0
Sept.	1269	0
Oct.	1341	0
Nov.	1181	0
Dec.	1364	0

S. Vacuum Division



Unocal Oil & Gas Division
Unocal Corporation
500 North Marienfeld, P.O. Box 671
Midland, Texas 79702
Telephone (915) 682-9731

1314



March 1, 1988

Midland District

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

Attn: Mr. William J. LeMay, Director

South Vacuum Unit
Vacuum/S Prospect (7459)
Lea County, New Mexico

Gentlemen:

Please find enclosed for your approval two copies of Union's 1988 Plan of Development and Operations for the South Vacuum Unit.

Should you have any questions, please let me know.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks
Landman

LHH/s
Enclosures

RECEIVED
MAR 1 1988
OIL CONSERVATION DIVISION
ENERGY AND MINERALS DIVISION
P.O. BOX 2088
SANTA FE, N.M. 87501

1988 PLAN OF DEVELOPMENT AND OPERATIONS

FOR

SOUTH VACUUM UNIT

LEA COUNTY, NEW MEXICO

TO: Oil Conservation Division
Energy and Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 87501
Attn: William J. LeMay, Director

Pursuant to provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development for the South Vacuum Unit for the period ending December 31, 1988.

SUMMARY OF 1987 OPERATIONS:

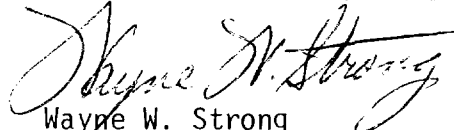
No new wells were drilled in 1987. Unit well No. 35-1 produced 6364 BO through 12/87, last testing 32 BO + 2460 BWP. Well No. 35-5 was reoperated in April, producing 3909 BO through 12/87, last testing 13 BO + 1960 BWP. Unit Wells No. 26-1 and 26-2 remain shut-in as uneconomical to reoperate.

PLAN OF DEVELOPMENT FOR 1988:

Union has no plans to drill any new wells in the Unit for 1988.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

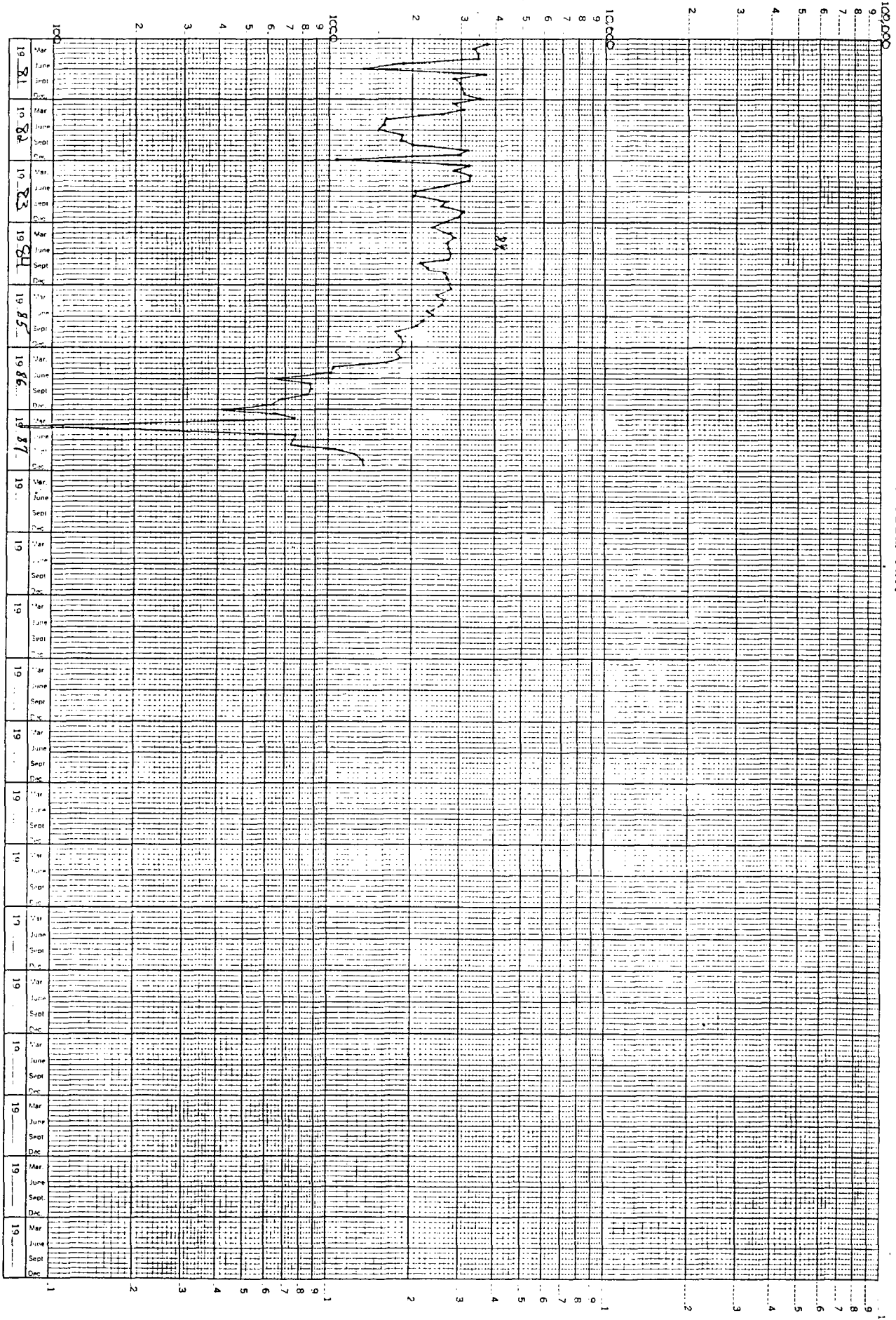

Wayne W. Strong
District Land Manager

Submitted this 1st day of March, 1988.

WWS/LHH

Prod Rate(BOPM)

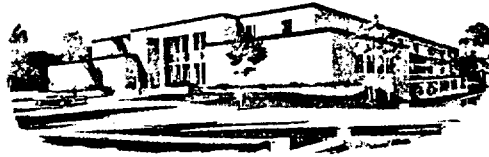
South Vacuum Unit



State of New Mexico



W.R. HUMPHRIES
COMMISSIONER



Commissioner of Public Lands

SLO REF NO OG-716

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

March 24, 1988

Unocal Oil & Gas Division
Attn: Ms. Linda H. Hicks
P. O. Box 671
Midland, Texas 79702

Re: 1988 Plan of Development
South Vacuum Unit
Lea 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
encls.
cc: OCD
BLM



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS
GOVERNOR

March 7, 1988

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-5800

Unocal
P. O. Box 671
Midland, Texas 79702

Attention: Linda H. Hicks

Re: South Vacuum Unit
Vacuum/S Prospect (7459)
Lea County, New Mexico

Gentlemen:

The above-referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON,
Senior Petroleum Geologist

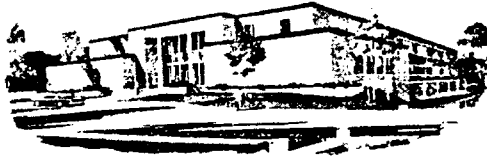
REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque

State of New Mexico



op



W.R. HUMPHRIES
COMMISSIONER

Commissioner of Public Lands

SLO REF. NO. OG-344

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

August 17, 1987

Unocal Oil & Gas Division
Attention: Linda H. Hicks
500 North Marienfeld, P. O. Box 671
Midland, Texas 79702

Re: South Vacuum Unit
1987 Plan of Development

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 appropriate agencies.

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. Prado*
FLOYD O. PRANDO, Director
Oil & Gas Division
(505) 827-5744

WRH/FOP/ams
enclosure
cc: Bureau of Land Management
Oil Conservation Division

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



GARREY CARRUTHERS
GOVERNOR

March 25, 1987

#1314

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

Unocal Oil & Gas Division
P. O. Box 671
Midland, Texas 79702

Attention: Linda H. Hicks
Landman

Re: South Vacuum Unit
1987 Plan of Development
Lea County, New Mexico

Gentlemen:

The above-referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON,
Senior Petroleum Geologist

REJ/dr

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque

Unocal Oil & Gas Division
Unocal Corporation
500 North Marienfeld, P.O. Box 671
Midland, Texas 79702
Telephone (915) 682-9731



February 25, 1987

Midland District

Oil Conservation Division
Energy and Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 87501
Attn: William J. LeMay, Director

South Vacuum Unit
Lea County, New Mexico

Gentlemen:

Please find enclosed two copies of Union's 1987 Plan of Development for your approval.

Should you have any questions, please let me know.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

A handwritten signature in cursive script, appearing to read "Linda H. Hicks".

Linda H. Hicks
Landman

LHH/s
Enclosures

D-
Unit letter
The R

1987 PLAN OF DEVELOPMENT AND OPERATIONS

For

South Vacuum Unit
Lea County, New Mexico

TO: Oil Conservation Division
Energy and Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 87501
Attn: William J. LeMay, Director

Pursuant to the provisions of Section 8A of the Unit Agreement for the Development and operation of the South Vacuum Unit area, Union Oil Company of California as operator, respectfully submits for approval their plan of Development for the South Vacuum Unit for the period ending December 31, 1987.

SUMMARY OF 1986 OPERATIONS:

No new wells were drilled in 1986. Unit Well No. 26-1 produced 2279 B0 through June, at which time the submersible pump failed. Last testing at 12 BOPD + 3575 BWPP, No. 26-1 is uneconomical to reoperate.

Well No. 35-1 produced 9505 B0 in 1986 and currently tests at 22 BOPD + 1850 BWPD.

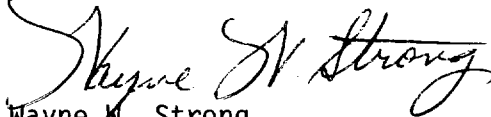
Well No. 35-3 produced 2657 B0 through the month of April at which time the submersible pump failed. Last testing 30 BOPD + 2800 BWPD, the well was uneconomical to reoperate at low 1986 prices due to the frequency of pump failures.

PLAN OF DEVELOPMENT AND OPERATION

As oil prices rebound, Union may wish to re-evaluate the economics of re-operating Unit Well No. 35-3.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA



Wayne M. Strong
District Land Manager

SUBMITTED this 25 day of February, 1987

South Vacuum Unit

Prod Rate (BOPM)

100,000

9
8
7
6
5
4
3
2

10,000

9
8
7
6
5
4
3
2
1

1000

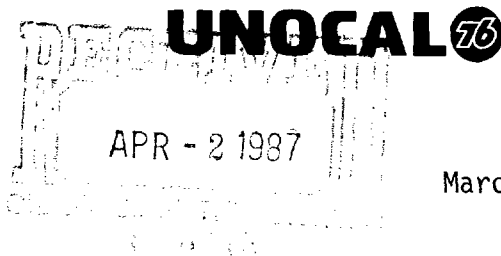
9
8
7
6
5
4
3
2

100

Mar	June	Sept	Dec	Mar	June	Sept	Dec	Mar	June	Sept	Dec	Mar	June	Sept	Dec	Mar	June	Sept	Dec	Mar	June	Sept	Dec	Mar	June	Sept	Dec	Mar	June	Sept	Dec				
1981				1982				1983				1984				1985				1986				1987				1988				1989			

Unocal Oil & Gas Division
Unocal Corporation
500 North Marienfeld, P.O. Box 671
Midland, Texas 79702
Telephone (915) 682-9731

4-6-87
OK
red



Wayne W. Strong
District Land Manager
Midland District

March 31, 1987

Oil Conservation Division
Energy and Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 87501
Attn: William J. LeMay, Director

South Vacuum Unit
Lea County, New Mexico
1987 Plan of Development - as Amended

Gentlemen:

Please find enclosed two copies of Union's Amended 1987 Plan of Development for your approval.

Should you have any questions, please let me know.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks
Landman

LHH/s
Enclosures

AMENDED
1987 PLAN OF DEVELOPMENT AND OPERATIONS
FOR
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

To: Oil Conservation Division
Energy and Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 87501
Attn: William J. LeMay, Director

Pursuant to the provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development for the South Vacuum Unit for the period ending December 31, 1987, as Amended.

SUMMARY OF 1986 OPERATIONS:

No new wells were drilled in 1986. Unit Well No. 26-1 produced 2279 BO through June, at which time the submersible pump failed. Last testing at 12 BOPD + 3575 BWP, No. 26-1 is uneconomical to reoperate.

Well No. 35-1 produced 9505 BO in 1986 and tested at 22 BOPD + 1850 BWP until it was shut-in February 25, 1987 due to submersible pump failure.

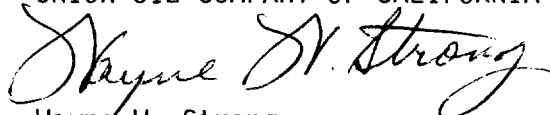
Well No. 35-3 produced 2657 BO through the month of April at which time the submersible pump failed. Last testing 30 BOPD + 2800 BWP, the well was uneconomical to reoperate at low 1986 prices due to the frequency of pump failures.

PLAN OF DEVELOPMENT AND OPERATION

Union plans to begin work on the 35-3 well within 60 days of February 25, 1987 in order to restore the well to production.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA



Wayne W. Strong
District Land Manager

SUBMITTED THIS 31 day of March, 1987.

AMENDED
1987 PLAN OF DEVELOPMENT AND OPERATIONS
FOR
SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

To: Oil Conservation Division
Energy and Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 87501
Attn: William J. LeMay, Director

Pursuant to the provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Union Oil Company of California, as Operator, respectfully submits for approval their Plan of Development for the South Vacuum Unit for the period ending December 31, 1987, as Amended.

SUMMARY OF 1986 OPERATIONS:

No new wells were drilled in 1986. Unit Well No. 26-1 produced 2279 BO through June, at which time the submersible pump failed. Last testing at 12 BOPD + 3575 BWP, No. 26-1 is uneconomical to reoperate.

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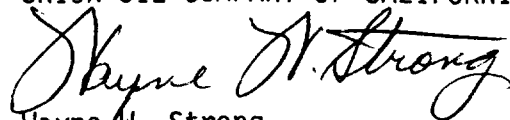
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PLAN OF DEVELOPMENT AND OPERATION

Union plans to begin work on the 35-3 well within 60 days of February 25, 1987 in order to restore the well to production.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA



Wayne W. Strong
District Land Manager

SUBMITTED THIS 31 day of March, 1987.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

May 21, 1985

Union Oil Company of California
500 North Marienfeld
Midland, Texas 79701

#1314

Attention: Linda H. Hicks

Re: 1985 Plan of Development
North Anderson Ranch Unit
South Vacuum Unit
Lea County, NM

Dear Ms. Hicks:

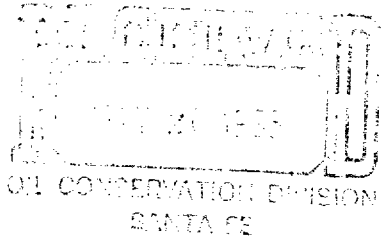
The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Hobbs



Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
Telephone (915) 682-9731



Midland District

May 15, 1985

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

ATTENTION: Mr. Roy Johnson

Dear Roy:

1985 Plan of Development
North Anderson Ranch Unit
South Vacuum Unit
Lea County, New Mexico
Vacuum/S Prospect (7459)
N/Anderson Ranch Prospect (7366)

Please find enclosed copies of the 1985 Plan of Development for the North Anderson Ranch Unit and the South Vacuum Unit. They were mailed to Mr. Stamets in February but obviously were not received.

The Commissioner's office has already approved these plans so your prompt attention would be appreciated.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks
Landman

LHH/ec

Enc.

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731



Robert V. Lockhart

District Land Manager
Midland District

Commissioner of Public Lands
State of New Mexico
P.O. Box 1148
Santa Fe, New Mexico 97501
Attn: Mr. Ray D. Graham,
Director

February 1, 1985

Oil Conservation Division
Energy and Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 87501
Attn: R. L. Stamets

1985 Plan of Development
North Anderson Ranch Unit
Sec. 33: NW/4, N/2 SW/4
Sec. 32: E/2NE/4, NE/4SE/4
T-15-S, R-32-E; 360 acres
Lea County, New Mexico
N/Anderson Ranch Prospect (7366)

There are currently two producing Wolfcamp wells in this Unit, the #1 and #3 Unit wells. Current monthly production is 768 BOPM + 1901 BWPM + 0 MCFM.

As reported last year, the NE/4SE/4 Sec. 32 was committed to a Working Interest Unit covering the S/2 Sec. 32-15S-32E, operated by H.L. Brown, Jr. The State 32-1 well located in the SE/4SE/4 was completed in March, 1984 and presently produces from both the Canyon and Morrow. The North Anderson Ranch Unit tract (NE/4SE/4 Sec. 32) was included in the communitized area for the 320 acre Morrow Unit and receives its pro-rata share of the Morrow production. H.L. Brown now plans to drill a Canyon well located in the NE/4SE/4 Sec. 32, on the North Anderson Ranch Unit tract. Union will have to file a Designation of Operator to allow H.L. Brown to operate the North Anderson Ranch Unit Well #5 only. Union is proposing to drill the North Anderson Ranch Unit Well #6 well located in the NW/4SW/4 Sec. 33 as a Canyon well, subject to final management approval and approval of the working interest owners. In addition, we plan to evaluate Unit wells #1, #2 and #3 for recompletion as Canyon producers or as workover candidates to perforate additional pay and stimulate the Wolfcamp.

Should you have any questions, please advise.

Sincerely yours,

UNION OIL COMPANY OF CALIFORNIA

A handwritten signature in cursive script that reads "Linda H. Hicks".

Linda H. Hicks
Landman

LHH/S

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Mariefeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731

Copy



Robert V. Lockhart
District Land Manager
Midland District

February 11, 1985

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico
97501

Oil Conservation Division
Energy & Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 97501

Attn: Mr. Ray D. Graham

Attn: Mr. R. L. Stamets

Gentlemen:

1985 Plan of Development and Operation
South Vacuum Unit
Lea County, New Mexico
Vacuum/S Prospect (7459)

A total of four wells are currently producing from the Devonian. One well is temporarily shut-in. In 1984, an attempt was made to recompleate the Reeves "A" #4-26 Well from the Devonian to the Bone Springs. The attempt was unsuccessful and the well was recently plugged and abandoned.

Total production from the Unit for 1984 was 46,148 barrels of oil.

There are no plans for further development of the Unit in 1985.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA

Linda H. Hicks

Linda H. Hicks
Landman

LHH:dah

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731



~~#715~~

#1314

Wayne W. Strong
District Land Manager
Midland District

February 17, 1986

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

ATTN: Mr. R.L. Stamets

1986 Plan of Development
and Operations
South Vacuum Unit
Lea County, New Mexico
Vacuum/S Prospect (7459)

Gentlemen:

Summary of 1985 Operations:

No new wells were drilled within the Unit during 1985 and no attempts were made to work over any wells. Currently there are four wells producing from the Devonian, one active SWD well and one shut-in SWD Well.

Total production from the Unit for 1985 was 43,645 barrels of oil.

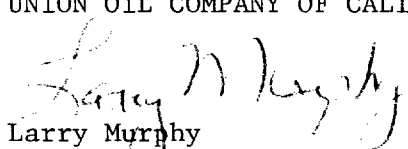
Plan of Development and Operations for 1986:

Union has no plans to drill any new wells or to rework any of the existing wells for 1985.

Our plans may be modified or supplemented from time to time with the approval needed, when necessary to meet Changed Conditions or to protect the interest of all parties to the Unit Agreement.

Yours truly,

UNION OIL COMPANY OF CALIFORNIA

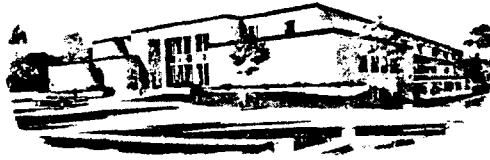

Larry Murphy
Landman

LM:bh
Cert.#P220602796

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

February 24, 1986

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

Union Oil Company of California
P. O. Box 671
Midland, Texas 79702

Re: 1986 Plan of Development and Operation
South Vacum Unit
Lea County, New Mexico

ATTENTION: Mr. Larry Murphy

Gentlemen:

The Commissioner of Public Lands has this date approved your 1986 Plan of Development for the South Vacum Unit Area, Lea County, New Mexico. Such plan advises that Union has no plans to drill any new wells or to rework any existing wells for 1986. Our approval is subject to like approval by the New Mexico Oil Conservation Division.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY: *F. O. Prando*

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

JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico

State of New Mexico

#1314



JIM BACA
COMMISSIONER

Commissioner of Public Lands
May 2, 1985

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

Union Oil Company of California
P. O. Box 671
Midland, Texas 79702

Re: 1985 Plan of Development and Operation
South Vacuum Unit
Lea County, New Mexico

ATTENTION: Ms. Linda H. Hicks

Gentlemen:

The Commissioner of Public Lands has this date approved your 1985 Plan of Development and Operation for the South Vacuum Unit Area, Lea County, New Mexico. Such plan advises that Union has no plan for further development of the unit in 1985.

Enclosed is an approved copy of your plan.

Very truly yours

JIM BACA
COMMISSIONER OF PUBLIC LANDS

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

JB/RDG/pm
encls.

cc: OCD-Santa Fe, New Mexico

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731



#1314

Robert V. Lockhart
District Land Manager
Midland District

February 11, 1985

Commissioner of Public Lands
P.O. Box 1148
Santa Fe, New Mexico
97501

Oil Conservation Division
Energy & Minerals Division
P.O. Box 2088
Santa Fe, New Mexico 97501

Attn: Mr. Ray D. Graham

Attn: Mr. R. L. Stamets

Gentlemen:

1985 Plan of Development and Operation
South Vacuum Unit
Lea County, New Mexico
Vacuum/S Prospect (7459)

A total of four wells are currently producing from the Devonian. One well is temporarily shut-in. In 1984, an attempt was made to recomplete the Reeves "A" #4-26 Well from the Devonian to the Bone Springs. The attempt was unsuccessful and the well was recently plugged and abandoned.

Total production from the Unit for 1984 was 46,148 barrels of oil.

There are no plans for further development of the Unit in 1985.

Sincerely,

UNION OIL COMPANY OF CALIFORNIA

A handwritten signature in cursive script, reading "Linda H. Hicks".

Linda H. Hicks
Landman

LHH:dah





STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

TONY ANAYA
GOVERNOR

#2671

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-5800

March 14, 1985

Union Oil Company of
California
P.O. Box 671
Midland, Texas 79702

Attention: Robert C. Gnagy

Re: Red Hills Unit
1985 Plan of Development
Lea County, NM

Dear Mr. Gnagy:

The above referenced submittal has been approved by the New Mexico Oil Conservation Division effective this date. Such approval is contingent upon like approval by the New Mexico Commissioner of Public Lands and the Bureau of Land Management.

Sincerely,

ROY E. JOHNSON
Senior Petroleum Geologist

REJ/dp

cc: Commissioner of Public Lands - Santa Fe
Bureau of Land Management - Albuquerque
OCD District Office - Hobbs

Union Oil and Gas Division: Central Region

Union Oil Company of California
500 North Marienfeld, Midland, Texas 79701
P.O. Box 671, Midland, Texas 79702
Telephone (915) 682-9731



OK-3-12-85
[Signature]

Robert V. Lockhart
District Land Manager
Midland District

February 28, 1985

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

Attn: Mr. Dick Stamets,
Director

Dear Mr. Stamets:

Red Hills Unit
1985 Plan of Development
Lea County, New Mexico

Please find enclosed two (2) copies of Union's 1985 Plan of Development for the Red Hills Unit. We respectfully request your approval of same.

Should you have any questions, please do not hesitate to contact me.

Yours truly,

UNION OIL COMPANY OF CALIFORNIA

Robert C. Gnagy

Robert C. Gnagy
Landman

RCG:njd

Enclosures

1985 PLAN OF DEVELOPMENT AND OPERATION

FOR

Red Hills Unit Area
Lea County, New Mexico

TO: Oil Conservation Division
Energy and Minerals Division
Attn: Mr. Dick Stamets, Director
P. O. Box 2088
Santa Fe, New Mexico 87501

Union Oil Company of California, as Unit Operator for the Red Hills Unit Area, pursuant to the provisions of Section 10 of the Unit Agreement for the Development and Operation of the Red Hills Unit Area, dated November 20, 1962, (No. 14-08-0001-8496), respectfully submits for approval this 1985 Plan of Development and Operation for the Red Hills Unit Area. This Plan is for the period ending December 31, 1985.

SUMMARY OF 1984 OPERATIONS:

No new wells were drilled in the Unit in 1984. The Red Hills Unit Well No. 3 (Devonian) was connected to a pipeline and began producing in April, 1984. Yearly production for 1984 for each unit well is shown below:

	<u>1984 PRODUCTION</u>	
	<u>GAS (MCF)</u>	<u>CONDENSATE (BBL)</u>
Unit Well No. 1 (Wolfcamp)	66,326	1,685
Unit Well No. 2 (Wolfcamp)	408,970	5,552
Unit Well No. 3 (Devonian)	<u>133,860</u>	<u>0</u>
	609,156	7,237

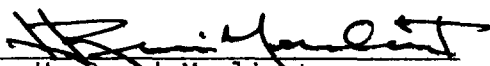
PLAN OF DEVELOPMENT AND OPERATION FOR 1985:

No new wells are planned for 1985. However, Union has plans for a Devonian test in Section 28 to the north of the Red Hills Unit. Based on this test, further development in the Red Hills Unit will be considered.

This Plan may be modified or supplemented from time to time with the necessary approval, when necessary to meet changed conditions or to protect the interest of all parties to the Unit Agreement.

SUBMITTED this 28th day of February, 1985.

UNION OIL COMPANY OF CALIFORNIA

By: 
H. René Moulinet

1985 PLAN OF DEVELOPMENT AND OPERATION

FOR

Red Hills Unit Area
Lea County, New Mexico

TO: Oil Conservation Division
Energy and Minerals Division
Attn: Mr. Dick Stamets, Director
P. O. Box 2088
Santa Fe, New Mexico 87501

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	609,156	7,237

PLAN OF DEVELOPMENT AND OPERATION FOR 1985:

No new wells are planned for 1985. However, Union has plans for a Devonian test in Section 28 to the north of the Red Hills Unit. Based on this test, further development in the Red Hills Unit will be considered.

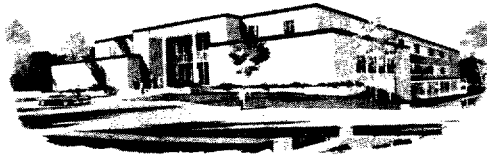
This Plan may be modified or supplemented from time to time with the necessary approval, when necessary to meet changed conditions or to protect the interest of all parties to the Unit Agreement.

SUBMITTED this 28th day of February, 1985.

UNION OIL COMPANY OF CALIFORNIA

By: 
H. Rene Mouline

State of New Mexico



Commissioner of Public Lands



January 30, 1968

GUYTON B. HAYS
COMMISSIONER

1314
P. O. BOX 1148
SANTA FE, NEW MEXICO
JAN 31 AM 10 00

Union Oil Company of California
Suite 300 Security National Bank Bldg.
Roswell, New Mexico 88201

Re: South Vacuum Unit
Lea County, New Mexico
CONTRACTION

ATTENTION: Mr. W. M. Stanley

Gentlemen:

We have received your letter of January 26, 1968 and three fully executed copies of notice of Proposed Contraction of the South Vacuum Unit, Lea County, New Mexico.

The Commissioner of Public Lands finds this application in order and has indicated his approval on the Certificates attached to the applications.

One approved copy of the contraction is enclosed herewith.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Eddie Lopez, Supervisor
Unit Division

GBH/TB/EL/s
encl. 1.
cc: Oil Conservation Commission
Santa Fe, New Mexico

Union Oil Company of California

January 26, 1968

*68 J.

Mr. Guyton B. Hays
Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Gentlemen:

Re: South Vacuum Unit
T-18-S, R-34-E,
Lea County, New Mexico

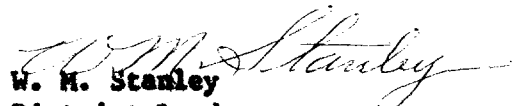
We enclose herewith the following:

1. Three copies of Supplement to Unit Agreement providing for contraction of Unit Agreement executed by Union, Sinclair and Shell being all of the working interest owners within this Unit.
2. Three copies of Plat reflecting the original Unit outline as well as the Unit outline upon contraction.
3. Three copies of Revised Exhibit "B" to the South Vacuum Unit reflecting ownership of all lands within the Unit area.
4. Three copies of Schedule reflecting the lands eliminated by contraction.

We request that you provide us with one copy of the attached Supplement when approved by the Commissioner of Public Lands.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA


W. M. Stanley
District Landman

WMS/mm
encs.

cc: Oil Conservation Commission

SUPPLEMENT TO UNIT AGREEMENT
FOR THE DEVELOPMENT AND OPERATION
OF THE
SOUTH VACUUM UNIT AREA
LEA COUNTY, NEW MEXICO
SO AS TO EFFECT CONTRACTION THEREOF

1968 JAN 30 AM 8 35

KNOW ALL MEN BY THESE PRESENTS:

THIS SUPPLEMENTAL AGREEMENT made and entered into this the 1st day of December 1967, by all the parties owning an interest in said South Vacuum Unit,

W I T N E S S E I H:

WHEREAS, on the 6th day of September 1957, the South Vacuum Unit was formed for the development and operation of the unit area embracing 1680 acres, more or less, in Lea County, New Mexico (more particularly described hereafter), same being further supplemented by additional agreements dated February 25, 1958 and May 9, 1958, all of which agreements were approved by the Commissioner of Public Lands of the State of New Mexico in the following order: September 9, 1957, April 30, 1958 and June 30, 1958;

NEW MEXICO PRINCIPAL MERIDIAN

Township 18 South, Range 35 East

Section 27: SE/4
Section 28: S/2
Section 34: NE/4
Section 35: All
Section 36: SE/4, N/2 SW/4, NW/4;

and

WHEREAS, said Commissioner of Public Lands, in accordance with Section 8-A of the unit agreement and amendments thereof, requires further development of the unit area or contraction of same to include only the specified 80-acre well spacing unit of each producing well in said unit; and

WHEREAS, the undersigned unit members cannot justify further development; nor do they wish to do further development; nor do they wish to be obligated to do further development in connection with said unit area; and, in lieu thereof, respectively agree that the following described lands be removed from the unit agreement as of midnight December 31, 1967:

NEW MEXICO PRINCIPAL MERIDIAN

Township 18 South, Range 35 East

Section 27: W/2 SE/4
Section 34: NE/4
Section 35: N/2 NE/4, S/2 NW/4,
SW/4, S/2 SE/4
Section 36: N/2 SW/4
Section 26: E/2 SE/4
Section 36: NW/4, SE/4

NOW, THEREFORE, it is mutually agreed between the undersigned parties (being all the parties owning an interest in said unit), subject to approval of the Commissioner of Public Lands of the State of New Mexico, that said unit agreement is hereby amended as follows:

1.

On and after January 1, 1968, the lands covered by the South Vacuum Unit shall cover only the following:

NEW MEXICO PRINCIPAL MERIDIAN

Township 18 South, Range 35 East

Section 27: E/2 SE/4
Section 35: N/2 NW/4, S/2 NE/4,
N/2 SE/4
Section 26: W/2 SW/4
Section 26: SE/4 SW/4
Section 26: W/2 SE/4, NE/4 SW/4

2.

As hereby changed, said unit agreement is ratified and confirmed as to all its terms and provisions.

IN WITNESS WHEREOF the undersigned execute this agreement.

UNION OIL COMPANY OF CALIFORNIA

By: John Hanson *Ken*
Attorney-in-Fact

ATTEST:

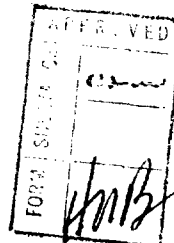
Assistant Secretary

SINCLAIR OIL & GAS COMPANY

By: [Signature]
Vice-President

SHELL OIL COMPANY

By: [Signature]
Attorney in Fact



STATE OF TEXAS I
COUNTY OF MIDLAND I

The foregoing instrument was acknowledged before me this 1st day of December, 1967, by John Hansen, Attorney-in-Fact for UNION OIL COMPANY OF CALIFORNIA, a California corporation, on behalf of said corporation.

Edna H. Shan
Notary Public

My commission expires:
June 1, 1969

STATE OF TEXAS I
COUNTY OF MIDLAND I

The foregoing instrument was acknowledged before me this 21 day of December, 1967, by O. G. SIMPSON, President of SINCLAIR OIL & GAS COMPANY, a Maine corporation, on behalf of said corporation.

James L. Simpson
Notary Public

My commission expires:
January 1, 1969

STATE OF TEXAS I
COUNTY OF MIDLAND I

The foregoing instrument was acknowledged before me this 29 day of December, 1967, by J. V. Lindsey, Attorney in Fact of SHELL OIL COMPANY, a Delaware corporation, on behalf of said corporation.

Rosalyn Magu
Notary Public

My commission expires:
6-1-69

CERTIFICATE OF APPROVAL
OF
COMMISSIONER OF PUBLIC LANDS

That I, the undersigned Commissioner of Public Lands of the State of New Mexico, do hereby approve the above and foregoing amendment to the unit agreement for the development and operation of the South Vacuum Unit Area, Lea County, New Mexico.

IN WITNESS WHEREOF this certificate of approval is executed this the _____ day of _____, 196__.

Commissioner of Public Lands
State of New Mexico

REVISED EXHIBIT "B"
SOUTH VACUUM UNIT AREA, LEA COUNTY, NEW MEXICO
TOWNSHIP 18 SOUTH, RANGE 35 EAST
SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP
OF OIL AND GAS INTERESTS IN ALL LANDS IN THE REVISED UNIT AREA

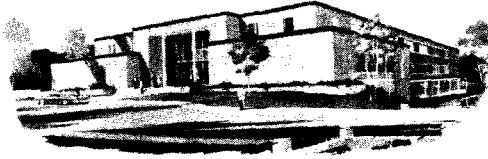
Tract No.	Description of Land	No. Of Acres	Lease No. & Date	Lessor	Record Lessee	Basic Royalty and Percent	Overriding Royalty & Percent	Working Interest Owner
1.	<u>T-18-S, R-35-E</u> Sec. 27: <u>E$\frac{1}{2}$SE$\frac{1}{4}$</u>	80	E-1635 12-10-47 (HBU)	State	Sinclair Oil & Gas Company	State - All	None	Sinclair Oil & Gas Company
2.	<u>T-18-S, R-35-E</u> Sec. 35: <u>N$\frac{1}{2}$NW$\frac{1}{4}$, S$\frac{1}{2}$NE$\frac{1}{4}$, N$\frac{1}{2}$SE$\frac{1}{4}$</u>	240	E-1533 10-10-47 (HBU)	State	Union Oil Company of Calif.	State - All	None	Union Oil Company of Calif.
3.	<u>T-18-S, R-35-E</u> Sec. 26: <u>W$\frac{1}{2}$SW$\frac{1}{4}$</u>	80	E-1479 9-10-47 (HBU)	State	Shell Oil Company	State - All	None	Shell Oil Company
4.	<u>T-18-S, R-35-E</u> Sec. 26: <u>SE$\frac{1}{4}$SW$\frac{1}{4}$</u>	40	4-9-57 (HBU)	D. P. Reeves	Union Oil Company of Calif.	D. P. Reeves 1/8	None	Union Oil Company of Calif.
5.	<u>T-18-S, R-35-E</u> Sec. 26: <u>W$\frac{1}{2}$SE$\frac{1}{4}$, NE$\frac{1}{2}$SW$\frac{1}{4}$</u>	120	4-9-57 (HBU)	A. J. Reeves	Union Oil Company of Calif.	A. J. Reeves 1/8	None	Union Oil Company of Calif.

3 State Tracts, containing 400 acres, and 2 Fee Tracts, containing 160 acres, totaling 560 acres

SCHEDULE SHOWING LANDS ELIMINATED BY CONTRACTION
FROM SOUTH VACUUM UNIT AREA ALL IN T-18-S, R-35-E
LEA COUNTY, NEW MEXICO

Tract No.	Description	No. Acres	Lease No.	Expiration
1.	Sec. 27: W $\frac{1}{2}$ SE $\frac{1}{4}$	80	E-1635	HBP
2.	Sec. 34: NE $\frac{1}{4}$	160	E-6573	8-25-67
3.	Sec. 35: N $\frac{1}{2}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$			
	Sec. 36: N $\frac{1}{2}$ SW $\frac{1}{4}$	480	E-1533	HBP
4.	Sec. 26: E $\frac{1}{2}$ SE $\frac{1}{4}$	80	E-1479	HBP
5.	Sec. 36: NW $\frac{1}{4}$, SE $\frac{1}{4}$	<u>320</u>	E-1480	8-25-67
5 State Leases totaling		1120 acres		

State of New Mexico



Commissioner of Public Lands



GUYTON B. HAYS
COMMISSIONER

July 21, 1967

P. O. BOX 1148
SANTA FE, NEW MEXICO

Union Oil Company of California
Suite 300 Security National Bank Building
Roswell, New Mexico 88201

Re: South Vacuum Unit
Lea County, New Mexico
1967-68 Plan of Development

ATTENTION: Mr. W. M. Stanley

Gentlemen:

On July 14, 1967, this office received the captioned Plan of Development as called for by the terms of the Unit Agreement. After careful review and study of this plan, we find that this plan calling for no development in the ensuing year, is not acceptable for the following reasons:

1. The last development in this unit occurred in April of 1960. It is our opinion that seven years is adequate time to evaluate the geology and engineering data.
2. That in November of 1960, Pure Oil Company, the Operator, appeared before the New Mexico Oil Conservation Commission and showed that the Devonian Formation in this unit area could adequately be developed on an eighty (80) acre spacing program, New Mexico Oil Conservation Commission Order No. R-1382.
3. That one of the provisions in having approved this Unit Agreement is New Mexico Statute 7-11-40 and sections B and C of this Statute are not being complied with.

Union Oil Company of California

July 21, 1967

Page 2.

4. Section 8A of the Agreement calls for the orderly development of unitized substances once discovery has been made or contraction of the undeveloped lands back to the well spacing dedication or the regular pro-ration unit of each well.

It is our position, therefore, that this Unit Agreement will be considered to be in default on July 25, 1967, unless a new Plan is filed within thirty (30) days which calls for additional development or contraction of the Unit Area as called for by Section 8-A of the Agreement.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

BY:
Ted Bilberry, Director
Oil and Gas Department

GBH/TB/EL/s
cc: New Mexico Oil Conservation
Commission
Santa Fe, New Mexico

Union Oil Company of California

SUITE 300 SECURITY NAT'L BANK BLDG.



ROSWELL, NEW MEXICO 88201

July 13, 1967

Mr. Guyton B. Hayes
Commissioner of Public Lands
State of New Mexico
Post Office Box 1148
Santa Fe, New Mexico

Attention: Mr. Eddie Lopez

Re: South Vacuum Unit
Lea County, New Mexico
1967-68 Plan of Development

Gentlemen:

Enclosed for your approval is original and four copies of Plan of Development and Operation for the captioned. Also enclosed is our Sight Draft No. 10254 in the amount of \$6.00 for filing fee thereof.

If you find such Plan acceptable, would you please sign all copies and pass to the Oil Conservation Commission for their approval and return three executed copies completely approved to us.

Very truly yours,

UNION OIL COMPANY OF CALIFORNIA

WMS/mm
encls.


W. M. Stanley
District Landman

cc: New Mexico Oil Conservation Commission
Post Office Box 2088
Santa Fe, New Mexico

Attn: Mr. A. L. Porter, Jr.

66 AUG 29 AM 11:10
August 25, 1966

Mr. Guyton B. Hayes
Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Attention: Mrs. Marian M. Rhea,
Supervisor Unit Division

RE: South Vacuum Unit
Lea County, New Mexico
1966-67 Plan of Development

Dear Sir:

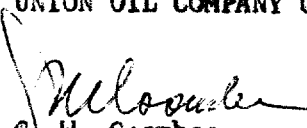
Enclosed for your approval is Plan of Development and Operation in triplicate for the captioned. Also enclosed is our check no. 60097 in the amount of \$6.00 for filing fee therefor.

If you find such plan acceptable, would you please sign all copies and pass to the Oil Conservation Commission for their approval and return one completely approved copy to us.

We appreciate your calling this matter to our attention and extend our sincere apologies for being late. The recent merger of the Pure Oil Company into Union Oil Company of California has resulted in some confusion with attendant oversights in matters such as these. If additional information is needed please advise.

Yours very truly,

UNION OIL COMPANY OF CALIFORNIA


S. W. Coombes
Midland District Operations
Superintendent

GWC:rb
Encls.

cc: New Mexico Oil Conservation Commission ✓
Attn: Mr. A. L. Porter, Jr.

All Unit Members, with attachments

OIL CONSERVATION COMMISSION

P. O. ~~BOX 2034~~ BOX 2034

SANTA FE, NEW MEXICO

1314

August 31, 1966

Union Oil Company of California
P. O. Box 671
Midland, Texas 79701

Attention: Mr. G. W. Coombes

Re: Plan of Development and
Operation 1966-67, South
Vacuum 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 covering the period from July 25, 1966, to July 25, 1967, for the South Vacuum Unit, Lea County, New Mexico, subject to like approval by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands
Santa Fe, New Mexico

C
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PLAN OF DEVELOPMENT AND OPERATION
OF THE

SOUTH VACUUM UNIT, LEA COUNTY, NEW MEXICO

JULY 25, 1966, to JULY 25, 1967

Pursuant to the provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Unit Operator respectfully submits for approval this Plan of Development for the South Vacuum Unit Area. This Plan is for the period from July 25, 1966, to July 25, 1967.

During the past plan year, July 25, 1965, to July 25, 1966, operations were very satisfactory within the South Vacuum Unit Area, with increasing water production being the only major problem. Water production from the South Vacuum Unit Devonian wells now averages approximately 4835 barrels per day. Water is being disposed of through the South Vacuum Salt Water Disposal System.

Unit Operator, during the plan year, July 25, 1966, to July 25, 1967, intends to perform such reworking operations as may be required for reasonable and prudent operations.

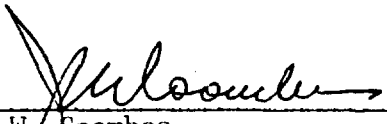
It is the opinion of Unit Operator that South Vacuum Unit wells are completed high enough structurally and are spaced properly so that all of the recoverable oil under the Unit Area will be recovered by the presently existing wells. It is Unit Operator's further opinion that the ultimate recovery of oil from the South Vacuum Unit would not be increased by drilling additional wells.

Unit Operator submits to the Commissioner of Public Lands of the State of New Mexico and the Oil Conservation Commission of the State of New Mexico this request that no further development drilling on the South Vacuum Unit be required during the period July 25, 1966, to July 25, 1967.

RECEIVED
AUG 29 9 03 AM '66
STATE LAND OFFICE
SANTA FE, N.M.

Respectfully submitted this 24th day of August 1966.

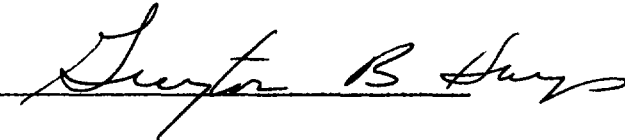
UNION OIL COMPANY OF CALIFORNIA

By 
G. W. Coombes
Midland District Operations
Superintendent

UNIT OPERATOR - SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

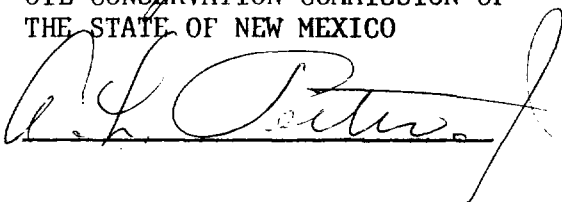
APPROVED THIS 30th DAY OF

August, 1966
COMMISSIONER OF PUBLIC LANDS,
STATE OF NEW MEXICO



APPROVED THIS 31st DAY OF

August, 1966
OIL CONSERVATION COMMISSION OF
THE STATE OF NEW MEXICO



RECEIVED
AUG 29 9 03 AM '66
STATE LAND OFFICE
SANTA FE, N. M.

OIL CONSERVATION COMMISSION

P. O. BOX 2088

SANTA FE, NEW MEXICO

1214

August 9, 1965

The Pure Oil Company
P. O. Box 671
Midland, Texas

Attention: Mr. J. R. Weyler

Re: Plan of Development
July 25, 1965, to
July 25, 1966, south
Vacuum 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 period from July 25, 1965 to July 25, 1966, for the South Vacuum Unit, Lea County, New Mexico, subject to like approval by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands
Santa Fe, New Mexico

C
O
P
Y

August 6, 1965

The Pure Oil Company
P. O. Box 671
Midland, Texas

Attention: Mr. E. B. White

Re: South Vacuum Unit
Lea County, New Mexico

Gentlemen:

The Commissioner of Public Lands has approved as of August 4, 1965, a plan of operation for the South Vacuum Unit, Lea County, New Mexico. This plan of operation provides for the operator to perform re-working operations on the unit area as may be required for reasonable operations.

We are handing two approved copies of this application to the New Mexico O.C.C. and requesting them to forward one copy to you. We acknowledge receipt of \$6.00, which covers the copies and the filing of this application and we will send you an official receipt when such is issued.

Very truly yours,

GUYTON B. HAYS
COMMISSIONER OF PUBLIC LANDS

By:

(Mr.) Ted Bilberry, Director
Oil and Gas Department

GEH:TB:MMR:oc

cc: N. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

PLAN OF DEVELOPMENT AND OPERATION
OF THE

SOUTH VACUUM UNIT, LEA COUNTY, NEW MEXICO

JULY 25, 1965, TO JULY 25, 1966

Pursuant to the provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Unit Operator respectfully submits for approval this Plan of Development for the South Vacuum Unit Area. This Plan is for the period from July 25, 1965, to July 25, 1966.

During the past plan year, July 25, 1964, to July 25, 1965, operations were very satisfactory within the South Vacuum Unit Area, with increasing water production being the only major problem. Water production from the South Vacuum Unit Devonian wells now averages approximately 2418 barrels per day. Water is being disposed of through the South Vacuum Salt Water Disposal System.

Unit Operator, during the plan year, July 25, 1965, to July 25, 1966, intends to perform such reworking operations as may be required for reasonable and prudent operations.

It is the opinion of Unit Operator that South Vacuum Unit wells are completed high enough structurally and are spaced properly so that all of the recoverable oil under the Unit Area will be recovered by the presently existing wells. It is Unit Operator's further opinion that the ultimate recovery of oil from the South Vacuum Unit would not be increased by drilling additional wells.

Unit Operator submits to the Commissioner of Public Lands of the State of New Mexico and the Oil Conservation Commission of the State of New Mexico this request that no further development drilling on

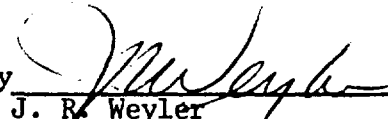
AUG 2 9 42 AM '65
STATE LAND OFFICE
SANTA FE, N.M.

the South Vacuum Unit be required during the period July 25, 1965,
to July 25, 1966.

Respectfully submitted this 28th day of July, 1965.

UNION OIL COMPANY OF CALIFORNIA

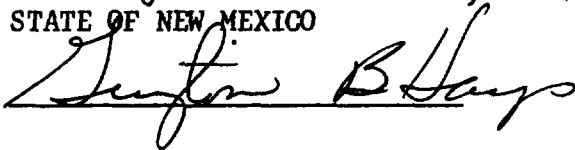
By


J. R. Weyler
Midland District Operations
Superintendent

UNIT OPERATOR - SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

APPROVED THIS 4th DAY OF

August, 1965
COMMISSIONER OF PUBLIC LANDS,
STATE OF NEW MEXICO



APPROVED THIS 9th DAY OF

Aug, 1965
OIL CONSERVATION COMMISSION OF
THE STATE OF NEW MEXICO



AUG 2 9 42 AM '65
STATE LANDS OFFICE
SANTA FE, N.M.

PLAN OF DEVELOPMENT AND OPERATION
OF THE
SOUTH VACUUM UNIT, LEA COUNTY, NEW MEXICO
JULY 25, 1965, TO JULY 25, 1966

Pursuant to the provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, Unit Operator respectfully submits for approval this Plan of Development for the South Vacuum Unit Area. This Plan is for the period from July 25, 1965, to July 25, 1966.

During the past plan year, July 25, 1964, to July 25, 1965, operations were very satisfactory within the South Vacuum Unit Area, with increasing water production being the only major problem. Water production from the South Vacuum Unit Devonian wells now averages approximately 2418 barrels per day. Water is being disposed of through the South Vacuum Salt Water Disposal System.

Unit Operator, during the plan year, July 25, 1965, to July 25, 1966, intends to perform such reworking operations as may be required for reasonable and prudent operations.

It is the opinion of Unit Operator that South Vacuum Unit wells are completed high enough structurally and are spaced properly so that all of the recoverable oil under the Unit Area will be recovered by the presently existing wells. It is Unit Operator's further opinion that the ultimate recovery of oil from the South Vacuum Unit would not be increased by drilling additional wells.

Unit Operator submits to the Commissioner of Public Lands of the State of New Mexico and the Oil Conservation Commission of the State of New Mexico this request that no further development drilling be

FILED
AUG 2 9 41 AM '65
STATE LAND OFFICE
SANTA FE, N.M.

95113

the South Vacuum Unit be required during the period July 25, 1965,
to July 25, 1966.

Respectfully submitted this 28th day of July, 1965.

UNION OIL COMPANY OF CALIFORNIA

By

J. R. Weyler
Midland District Operations
Superintendent

UNIT OPERATOR - SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

APPROVED THIS 4th DAY OF

August, 1965
COMMISSIONER OF PUBLIC LANDS,
STATE OF NEW MEXICO

Jeffrey B. Hays

APPROVED THIS _____ DAY OF

_____, 1965
OIL CONSERVATION COMMISSION OF
THE STATE OF NEW MEXICO

RECEIVED
AUG 2 9 41 AM '65
STATE LAND OFFICE
SANTA FE, N.M.



THE PURE OIL COMPANY

SOUTHERN PRODUCING DIVISION

P. O. BOX 671 • MIDLAND, TEXAS 79701

MA 077-2000
2 AH 7
MIDLAND DISTRICT
AREA CODE 915 - MU 2-3725

July 28, 1965

Mr. Guyton B. Hayes
Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico

Attention: Mrs. Marian M. Rhea,
Supervisor Unit Division

RE: South Vacuum Unit
Lea County, New Mexico
1965-66 Plan of Development

Dear Sir:

Enclosed for your approval is Plan of Development and Operation in triplicate for the captioned. Also enclosed is our check no. 4403 in the amount of \$6.00 for filing fee therefor.

If you find such plan acceptable, would you please sign all copies and pass to the Oil Conservation Commission for their approval and return one completely approved copy to us.

Effective July 15, 1965, The Pure Oil Company was merged into Union Oil Company of California, with Union being the surviving corporation. Pursuant to the terms of the Unit Agreement, Union Oil Company of California is now the Unit Operator. Please advise if you require additional information in this connection.

Very truly yours,

PURE OIL COMPANY, A DIVISION OF
UNION OIL COMPANY OF CALIFORNIA

ORIGINAL SIGNED BY
E. B. WHITE

E. B. White

EBW:md
Encls.

cc: New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico
Attn: Mr. A. L. Porter, Jr.

All Unit Members, with attachments

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

1214

August 27, 1964

The Pure Oil Company
P. O. Box 671
Midland, Texas

Attention: Mr. E. B. White

Re: 1964-1965 Plan of Development,
South Vacuum 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 covering the period from July 25, 1964, to July 25, 1965, for the South Vacuum Unit, Lea County, New Mexico, subject to like approval by the Commissioner of Public Lands of the State of New Mexico.

One approved copy of the plan is returned herewith.

Very truly yours,

A. L. PORTER, Jr.,
Secretary-Director

ALP/JEK/og

cc: Commissioner of Public Lands - Santa Fe

C
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1031
27

August 27, 1964

The Pure Oil Company
P. O. Box 671
Midland, Texas

Re: South Vacuum Unit, Lea County, New Mexico
1964-1965 Plan of Development

Attention: Mr. E. B. White

Gentlemen:

The Commissioner of Public Lands approved as of August 27, 1964 the Plan of Development and Operation for the South Vacuum Unit, Lea County, New Mexico. This Plan covers the period of July 25, 1964 to July 25, 1965.

We are handing two approved copies of this Plan to the Oil Conservation Commission for their consideration and requesting them to return one fully executed copy to your office.

An official receipt in the amount of Six (\$6.00) Dollars covering the filing fee will be sent to you within a few days.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESJW/mmz/mim

cc: Oil Conservation Commission
Santa Fe, New Mexico
Attention: Mr. A. L. Porter Jr. w/ 2 enclosures

PLAN OF DEVELOPMENT AND OPERATION
OF THE
SOUTH VACUUM UNIT, LEA COUNTY, NEW MEXICO
JULY 25, 1964 TO JULY 25, 1965

74011

The Pure Oil Company, as Unit Operator for the South Vacuum Unit Area, Lea County, New Mexico, pursuant to the provisions of Section 8A of the Unit Agreement for the Development and Operation of the South Vacuum Unit Area, respectfully submits for approval this Plan of Development for the South Vacuum Unit Area. This Plan is for the period from July 25, 1964, to July 25, 1965.

During the past plan year, July 25, 1963, to July 25, 1964, operations were very satisfactory within the South Vacuum Unit Area, with increasing water production being the only major problem. Water production from the South Vacuum Unit Devonian wells now averages approximately 3200 barrels per day. Water is being disposed of through the South Vacuum Salt Water Disposal System. Also, during the past plan year, a recompletion attempt of the South Vacuum Unit No. 1-27 was initiated. The South Vacuum Unit No. 1-27 had previously been temporarily abandoned after ceasing to produce economically from the Devonian formation. At the present time, The Pure Oil Company, as Unit Operator, is production testing the Lower Leonard formation and the Wolfcamp formation to determine productive capabilities.

The Pure Oil Company, as Unit Operator for the South Vacuum Unit Area, during the plan year, July 25, 1964, to July 25, 1965, intends to perform such reworking operations as may be required for reasonable and prudent operations.

It is the opinion of The Pure Oil Company, Operator of the South Vacuum Unit, that South Vacuum Unit wells are completed high enough

structurally and are spaced properly so that all of the recoverable oil under the Unit Area will be recovered by the presently existing wells. It is the further opinion of The Pure Oil Company that the ultimate recovery of oil from the South Vacuum Unit would not be increased by drilling additional wells.

74011

The Pure Oil Company, Operator of the South Vacuum Unit, submits to the Commissioner of Public Lands of the State of New Mexico and the Oil Conservation Commission of the State of New Mexico this request that no further development drilling on the South Vacuum Unit be required during the period July 25, 1964, to July 25, 1965.

Respectfully submitted this 18th day of August, 1964.

THE PURE OIL COMPANY

By J. R. Weyler 467
Midland District Superintendent

UNIT OPERATOR - SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

APPROVED THIS 27th DAY OF
August, 1964
COMMISSIONER OF PUBLIC LANDS,
STATE OF NEW MEXICO

E. J. Johnson

APPROVED THIS 3rd DAY OF
September, 1964
OIL CONSERVATION COMMISSION OF
THE STATE OF NEW MEXICO

By A. R. J. J. J.

50th YEAR



THE PURE OIL COMPANY

SOUTHERN PRODUCING DIVISION • MIDLAND DISTRICT EXPLORATION
P. O. BOX 671 • MIDLAND, TEXAS 79701 • AREA CODE 915—MU 2-3725

August 19, 1964

Mr. E. S. Walker
Commissioner of Public Lands
State of New Mexico
P. O. Box 791
Santa Fe, New Mexico

Attention: Mrs. Marian M. Rhea,
Supervisor Unit Division

RE: South Vacuum Unit
Lea County, New Mexico
1964-65 Plan of Development

Gentlemen:

Enclosed for your approval is Plan of Development and Operation for the captioned. Also enclosed is our check no. 2328 in the amount of \$6.00 for filing fee therefor.

If you find such plan acceptable, would you please sign all copies and pass to the Oil Conservation Commission for their approval and return one completely approved copy to us.

Very truly yours,

THE PURE OIL COMPANY

ORIGINAL SIGNED BY
E. B. WHITE

E. B. White

EBW:md
Encls.

cc: New Mexico Oil Conservation Commission
✓ P. O. Box 2088
Santa Fe, New Mexico
Attn: Mr. A. L. Porter, Jr.

All Unit Members, w/attachments

OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

1314
August 7, 1963

C
O
P
Y
The Pure Oil Company
P. O. Box 671
Midland, Texas

Attention: Mr. D. L. Proctor

Re: Plan of Development
July 25, 1963 to July 25,
1964, South Vacuum 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 period July 25, 1963 to July 25, 1964, for the South Vacuum 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.

Four 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, New Mexico

United States Geological Survey - Roswell



THE PURE OIL COMPANY

SOUTHERN PRODUCING DIVISION • MIDLAND DISTRICT • OPERATIONS
P. O. BOX 671 • MIDLAND, TEXAS • AREA CODE 915-MU 2-3725

July 19, 1963

The Honorable E. S. Johnny Walker
Commissioner of Public Lands
State Land Office
Santa Fe, New Mexico

RE: South Vacuum Unit
Lea County, New Mexico

Attention: Unit Division

Gentlemen:

Enclosed herewith are seven copies of the Plan of Development of the South Vacuum Unit, Lea County, New Mexico, for the period July 25, 1963, to July 25, 1964.

If this Plan of Development, as outlined, meets with your approval, we will appreciate your indicating such approval on all copies and forwarding same to the Oil Conservation Commission for its approval and then returning four copies, without Attachment I, to this office. If, however, any additional supporting data or discussion is needed or desired, we shall be glad to attempt to provide such data or to meet with you or your representatives at your convenience.

Yours very truly,

D. L. Proctor
District Superintendent

DLP/es
encls.

cc: Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

MAIL OFFICE CCG

1963 AUG 5 PM 4 37

July 30, 1963

Pure Oil Company
P. O. Box 671
Midland, Texas

Re: South Vacuum Unit
Lea County, New Mexico
Plan of Development

Attention: Mr. D. L. Proctor

Gentlemen:

The Commissioner of Public Lands has approved as of July 30, 1963 your Plan of Development for the South Vacuum Unit Area, Lea County, New Mexico.

This Plan of Development for the period of July 25, 1963 to July 25, 1964 calls for no further development during this period.

We are handing to the Oil Conservation Commission for their consideration five approved copies of this Plan of Development.

Very truly yours,

E. S. JOHNTY WALKER
COMMISSIONER OF PUBLIC LANDS

EM:
(Mrs) Marian M. Rhea, Supervisor
Unit Division

ESW/mtc/m

cc: Oil Conservation Commission
Santa Fe, New Mexico

JUL 22 1958
 ST. LOUIS, MO.
 ST. LOUIS, MO.

3 10 PLAN OF DEVELOPMENT AND OPERATION
OF THE
SOUTH VACUUM UNIT, LEA COUNTY, NEW MEXICO
JULY 25, 1963 TO JULY 25, 1964

THIS PLAN OF FURTHER DEVELOPMENT OF THE SOUTH VACUUM
UNIT, executed and submitted this 19th day of July, 1963.

Union Oil Company of California, Shell Oil Company, Sinclair Oil & Gas Company, and The Pure Oil Company entered into a Unit Agreement dated September 6, 1957, recorded in Lea County, New Mexico, on November 20, 1957, in Book 126 at Page 337, which provides for the development and operation of the South Vacuum Unit Area, Lea County, New Mexico, and which Unit Agreement embraces the following described lands:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

Township 18 South, Range 35 East

Section 27: SE $\frac{1}{4}$
 Section 26: S $\frac{1}{2}$
 Section 34: NE $\frac{1}{4}$
 Section 35: All
 Section 36: SE $\frac{1}{4}$, N $\frac{1}{2}$, SW $\frac{1}{4}$, NW $\frac{1}{4}$

Eight wells were drilled on lands within said South Vacuum Unit, seven of which were successfully completed as producers of unitized substances from the Devonian Formation, with one of said wells, The Pure Oil Company's No. 2-35, being also a producer of unitized substances from the McKee Formation. Production from the McKee Formation has been depleted and abandonment of said formation in said well was completed on August 13, 1960. Production from the Main Devonian porosity in The Pure Oil Company's South Vacuum Unit No. 1-27 declined below the economic limit, and a re-completion attempt in the Upper Devonian Formation was unsuccessful resulting in operations being suspended. At the present time, six Devonian wells are producing oil from the South Vacuum Unit. Five of the six Devonian wells are now producing water.

Thirteen producing wells were completed in the South Vacuum Devonian Pool, twelve of which produced from the Main Devonian porosity, with the remaining well, Sinclair's 405 No. 1, originally producing from some erratic Devonian porosity above the Main porosity above the Main porosity. At the present time, eleven wells produce from the Main Devonian porosity. Ten of the eleven completions in the Main Devonian porosity are now producing water. Daily water production of each well in the South Vacuum Devonian Pool is shown on Attachment II hereto, a tabulation showing daily water production by well.

Reference is made to Attachment I, a structure map contoured on top of the Main Devonian porosity; either of the two possible new locations in the South Vacuum Unit would encounter the Main Devonian porosity at a lower subsea depth than wells already producing significant quantities of water.

The producing mechanism in this pool is a complete water drive. Oil recovery in water drive reservoirs is characterized by up-dip wells recovering oil from structurally lower portions of the reservoir. In the case of the South Vacuum Unit, the existing wells are completed high enough structurally and are spaced properly so that all of the recoverable oil under the Unit Area will be recovered by the presently existing wells. On Attachment I, previously referred to, it may be observed that water production rate is greater where well density and, consequently, fluid withdrawals are highest, one exception being a well at the south edge of the field and located near the original oil-water contact. It is the opinion of The Pure Oil Company, Operator of the South Vacuum Unit, that the ultimate recovery of oil from the South Vacuum Unit will not be increased by drilling additional wells;

and Pure is of the further opinion that additional wells in the South Vacuum Unit might be expected to increase the rates of fluid withdrawal and water encroachment.

Considering the performance of the South Vacuum Devonian Pool as a whole, and the reservoir engineering principal that a uniform rate of water encroachment will displace oil most efficiently, resulting in maximum recovery under primary producing conditions, The Pure Oil Company, as Unit Operator, believes that any future development drilling during the plan year, July 25, 1963, to July 25, 1964, will not only fail to increase the ultimate recovery but will provide conditions that could decrease ultimate oil recovery.

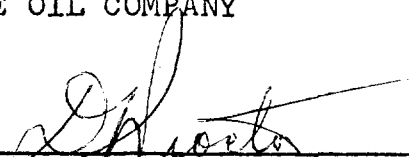
During the past plan year, July 25, 1962, to July 25, 1963, The Pure Oil Company's State-Lea "I" No. 1-36, located in Section 36, T18S-R35E, was reentered and completed as a salt water disposal well. A salt water disposal system was designed and installed in the South Vacuum Area, and salt water produced in the South Vacuum Pool now is being disposed in the State-Lea "I" No. 1-36. Although no development drilling was conducted during the past plan year, the installation of this salt water disposal system represents considerable additional investment by both participants in the South Vacuum Unit and by other operators in the South Vacuum Devonian Pool.

The Pure Oil Company, Operator of the South Vacuum Unit under the aforementioned Unit Agreement as supplemented, submits to the Commissioner of Public Lands of the State of New Mexico and the Oil Conservation Commission of the State of New Mexico this request that no further development drilling on said South Vacuum Unit be required during the period

July 25, 1963, to July 25, 1964.

IN WITNESS WHEREOF, this plan is executed the day and year first herein above written and respectfully submitted for approval.

THE PURE OIL COMPANY

By 
Midland District Superintendent

UNIT OPERATOR - SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

APPROVED THIS 30 DAY OF
July, 1963
COMMISSIONER OF PUBLIC LANDS,
STATE OF NEW MEXICO

By 

APPROVED THIS 27th DAY OF
August, 1963
OIL CONSERVATION COMMISSION OF
THE STATE OF NEW MEXICO

By 

ATTACHMENT II

TABULATION OF DAILY WATER PRODUCTION

SOUTH VACUUM DEVONIAN FIELD

<u>OPERATOR & WELL</u>	<u>DAILY WATER PRODUCTION</u>	<u>DATE</u>
<u>THE PURE OIL COMPANY</u>		
South Vacuum Unit 1-35	61 BWPD	6/63
South Vacuum Unit 2-35	1145 BWPD	6/63
South Vacuum Unit 3-35	74 BWPD	6/63
South Vacuum Unit 1-26	37 BWPD	6/63
South Vacuum Unit 1-27 Shut In		
South Vacuum Reeves 2-26	0 BWPD	6/63
South Vacuum Reeves "A" 4-26	80 BWPD	6/63
<u>THE PURE OIL COMPANY ET AL</u>		
State-Lea "J" 1-26	18 BWPD	6/63
<u>THE PURE OIL COMPANY</u>		
State-Lea "F" 2	646 BWPD	6/63
<u>SINCLAIR OIL & GAS COMPANY</u>		
State 403-3	648 BWPD	4/63
<u>MOBIL OIL COMPANY</u>		
State 1-27	156 BWPD	4/63
State 2-27	354 BWPD	4/63

134
August 10, 1962

The Pure Oil Company
P. O. Box 671
Midland, Texas

Re: South Vacuum Unit,
Lea County, New Mexico,
1962 Plan of Development

Attention: Mr. Harold Simpson

Gentlemen:

The Commissioner of Public Lands approved as of August 10, 1962, your 1962 Plan of Development for 1962, for the South Vacuum Unit, Lea County, New Mexico.

This Plan of Development was previously considered and approved by the Oil Conservation Commission as requested by our letter of August 1, 1962, a copy of which was sent to your office.

We are returning four fully approved copies.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY:
(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mmrv

encl:

cc: Oil Conservation Commission
Santa Fe, New Mexico

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

1314

August 8, 1962

**The Pure Oil Company
P. O. Box 671
Midland, Texas**

Attention: Mr. Harold Simpson

**Re: South Vacuum Unit
Lea County, New Mexico
Plan of Development**

Gentlemen:

This is to advise that the New Mexico Oil Conservation Commission has this date approved the Plan of Development for the South Vacuum Unit for the period July 25, 1962, to July 25, 1963, subject to like approval by the Commissioner of Public Lands for the State of New Mexico. This Plan calls for no additional wells during said period.

We are forwarding the Plan to the Commissioner of Public Lands for his consideration.

Very truly yours,

**A. L. PORTER, Jr.,
Secretary-Director**

ALP/DSM/ig

**cc: Commissioner of Public Lands
Santa Fe, New Mexico**

C
O
P
Y



THE PURE OIL COMPANY

SOUTHERN PRODUCING DIVISION • MIDLAND DISTRICT
P. O. BOX 671 • MIDLAND, TEXAS • MUTUAL 2-3725

12

July 19, 1962

Hon. E. S. Johnny Walker
Commissioner of Public Lands
State Land Office
Santa Fe, New Mexico

Re: South Vacuum Unit
Lea County, New Mexico

Attention: Unit Division

Gentlemen:

Enclosed herewith are seven copies of plan of development of the South Vacuum Unit, Lea County, New Mexico for the period July 25, 1962, to July 25, 1963.

If this plan of development, as outlined, meets with your approval, we will appreciate your indicating your approval on all copies and forwarding the same to the Oil Conservation Commission for its approval and then returning four copies, without Attachment I, to this office. If, however, any additional supporting data or discussion is needed or desired, we shall be glad to attempt to provide such data or to meet with you or your representatives at your convenience.

Yours very truly,

THE PURE OIL COMPANY

By

Harold Simpson
Harold Simpson

HS:pb

✓ cc: Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

File

ATTACHMENT II

TABULATION OF DAILY WATER PRODUCTION
SOUTH VACUUM DEVONIAN FIELD

<u>Operator and Well</u>	<u>Daily Water Production</u>	<u>Date</u>
The Pure Oil Company		
South Vacuum Unit 1-35	25 BWPD	5/62
" 2-35	749 BWPD	5/62
" 3-35	61 BWPD	5/62
" 1-26	Trace	6/62
" 1-27	105 BWPD	5/62
" Reeves 2-26	0	5/62
" " "A" 4-26	44 BWPD	5/62
The Pure Oil Company et al		
State-Lea "J" 1-26	9 BWPD	5/62
The Pure Oil Company		
State-Lea "F" 2	139 BWPD	5/62
Sinclair Oil & Gas Company		
State 403-3	140 BWPD	4/62
Mobil Oil Company		
State 1-27	33 BWPD	4/62
State 2-27	213 BWPD	4/62

PLAN OF DEVELOPMENT AND OPERATION
OF THE
SOUTH VACUUM UNIT, LEA COUNTY, NEW MEXICO,
JULY 25, 1962, TO JULY 25, 1963.

THIS PLAN OF FURTHER DEVELOPMENT OF THE SOUTH VACUUM UNIT, executed and submitted this 19th day of July, 1962,

W I T N E S S E T H

WHEREAS, Union Oil Company of California, Shell Oil Company, Sinclair Oil & Gas Company, and The Pure Oil Company entered into a Unit Agreement dated September 6, 1957, recorded in Lea County, New Mexico, on November 20, 1957, in Book 126 at Page 337, which provides for the development and operation of the South Vacuum Unit Area, Lea County, New Mexico, and which Unit Agreement embraces the following described lands:

NEW MEXICO PRINCIPAL MERIDIAN, NEW MEXICO

Township 18 South, Range 35 East

Section 27: SE $\frac{1}{4}$
Section 26: S $\frac{1}{2}$
Section 34: NE $\frac{1}{4}$
Section 35: All
Section 36: SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$

WHEREAS, eight wells have been drilled on lands within said South Vacuum Unit, seven of which have been successfully completed as producers of unitized substances from the Devonian Formation, with one of said wells, The Pure Oil Company's No. 2-35, being also a producer of unitized substances from the McKee Formation. Production from the McKee Formation has been depleted and abandonment of said formation in said well was completed on August 13, 1960. Six of the seven Devonian wells are now producing water.

Thirteen producing wells have been completed in the South Vacuum Devonian Field, twelve of which produce from the main Devonian porosity, with the remaining well, Sinclair's 405 No. 1, originally producing from some erratic Devonian porosity above the main porosity. Eleven of the twelve completions in the main Devonian porosity are now producing water. Daily water production of each well in the South Vacuum Devonian Field is shown on Attachment II hereto, a tabulation showing daily water production by well.

Reference is made to Attachment I, a structure map contoured on top of the main Devonian porosity; either of the two possible new locations in the South Vacuum Unit would encounter the main Devonian porosity at a lower subsea depth than wells already producing significant quantities of water.

The producing mechanism in this field is a complete water drive. Oil recovery in water drive reservoirs is characterized by up-dip wells recovering oil from structurally lower portions of the reservoir. In the case of the South

Vacuum Unit, the existing wells are completed high enough structurally and are spaced properly so that all of the recoverable oil under the Unit Area will be recovered by the presently existing wells. On Attachment I, previously referred to, it may be observed that water production rate is greater where well density and, consequently, fluid withdrawals are highest, one exception being a well at the south edge of the field and located near the original oil-water contact. It is the opinion of The Pure Oil Company, Operator of the South Vacuum Unit, that the ultimate recovery of oil from the South Vacuum Unit will not be increased by drilling additional wells, and is of the further opinion that additional wells in the South Vacuum Unit might be expected to increase the rates of fluid withdrawal and water encroachment.

Considering the performance of the South Vacuum Devonian Field as a whole, and the reservoir engineering principle that a uniform rate of water encroachment will displace oil most efficiently, resulting in maximum recovery under primary producing conditions, The Pure Oil Company, as Unit Operator, beleives that any future development drilling during the plan year July 25, 1962, to July 25, 1963, will not only fail to increase the ultimate recovery, but will provide conditions that could decrease ultimate oil recovery.

THEREFORE, The Pure Oil Company, Operator of the South Vacuum Unit under the aforementioned Unit Agreement as supplemented, submits to the Commissioner of Public Lands of the State of New Mexico and the Oil Conservation Commission of the State of New Mexico this request that no further drilling development on said South Vacuum Unit be required during the period July 25, 1962, to July 25, 1963.

IN WITNESS WHEREOF, this plan is executed the day and year first herein above written, and respectfully submitted for approval.

THE PURE OIL COMPANY

By Harold Simpson
Midland District Superintendent

UNIT OPERATOR - SOUTH VACUUM UNIT
LEA COUNTY, NEW MEXICO

APPROVED THIS _____ DAY OF
_____, 1962.
COMMISSIONER OF PUBLIC LANDS,
STATE OF NEW MEXICO

By _____

APPROVED THIS 9th DAY OF
August, 1962.
OIL CONSERVATION COMMISSION OF
THE STATE OF NEW MEXICO

By A. L. Porter, Jr.

State of New Mexico



Commissioner of Public Lands

E. S. JOHNNY WALKER
COMMISSIONER



P. O. BOX 791
SANTA FE, NEW MEXICO

August 1, 1962

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: South Vacuum Unit,
Lea County, New Mexico,
1962 Plan of Development

Attention: Mr. Daniel S. Nutter

Gentlemen:

We have received by letter dated July 19, 1962, application for approval of a Plan of Development covering the period of July 25, 1962, to July 25, 1963, for the South Vacuum Unit, Lea County, New Mexico.

This Plan of Development is for no further development as The Pure Oil Company, Unit Operator of the South Vacuum Unit, believes that the ultimate recovery of oil from South Vacuum Unit will not be increased by additional wells.

Due to the 80 acre spacing in the South Vacuum Pool set by the Oil Conservation Commission, this office wishes the Oil Conservation Commission to determine the need for the development of undrilled locations in this Unit, prior to our consideration of this 1962 Development Program.

Very truly yours,

E. S. JOHNNY WALKER
COMMISSIONER OF PUBLIC LANDS

BY: *Marian M. Rhea*

(Mrs.) Marian M. Rhea, Supervisor
Unit Division

ESW/mmr/v
cc:

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico
August 1, 1962
(Page 2)

The Pure Oil Company
P. O. Box 671
Midland, Texas
Attention: Mr. Herald Simpson