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DIVISION
SEP 28 1995

Ac N/R
922

Southern

Rockies

Business

Unit

September 28, 1995

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P.O. Box 6429
Santa Fe, NM 87505

Application for Exception to Rule 303-A- Surface Commingling
Schwerdtfeger A LS 15 Well
865' FNL & 2250' FEL, Unit B Section 21-T27N-R8W
Blanco Mesaverde Pool
Schwerdtfeger A LS 2 Well
800' FNL & 2200' FEL, Unit B Section 21-T27N-R8W
South Blanco Pictured Cliffs Pool
San Juan County, New Mexico

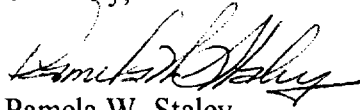
Amoco Production Company hereby requests administrative approval to surface commingle production from the Schwerdtfeger A LS 15 well completed in the Mesaverde formation and the Schwerdtfeger A LS 2 well completed in the Pictured Cliffs formation. The two wells are very closely located and if they were surface commingled they could easily share common facilities. The ownership (WI, RI ORRI) of these pools is identical. Surface commingling will offer an economical method of production using a single train of production equipment to produce from both wells. The actual commercial value of the commingled production will not be less than the sum of the values of the production from each of the common sources of supply.

The Schwerdtfeger A LS 15 Mesaverde well is currently producing approximately 77 MCFD while the Schwerdtfeger A LS 2 Pictured Cliffs well is producing about 20 MCFD. Since both wells have been producing at stabilized rates for some time, we propose gas allocation to be based on those stabilized declines and 80% of gas production attributed to the Mesaverde formation with 20% attributed to the Pictured Cliffs formation. The Pictured Cliffs formation has not historically produced condensate in this well, and as such we propose to allocate 100% of liquid production to the Mesaverde. This fluid has historically exhibited an API gravity of approximately 49 degrees.

Attached to aid in your review are plats showing the location and acreage dedicated to the well by formation, historical production and recent testing information, and a schematic of the proposed commingling installation. This spacing unit is on a federal lease SF-079319. A copy of

the application will be sent to the BLM requesting their consent for the surface commingling.

Sincerely,

A handwritten signature in black ink, appearing to read 'Pamela W. Staley', written in a cursive style.

Pamela W. Staley

cc: Mark Rothenberg
Patty Haefele

Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410

Duane Spencer
Bureau of Land Management
1235 La Plata Hwy
Farmington, NM 87401

13,286,912.02 FT. N
36° 34' 53" N

13,286,912.02 FT. N
36° 34' 53" N

992,127.71 FT. E
107° 42' 48" W

1,007,872.29 FT. E
107° 39' 35" W

63M
FLORANCE
AMOCO PROD
300451187100
MVRO ,DKOT ,DKOT

17

16

15

9D
FLORANCE
EL PASO NATURAL GAS
300450645300
PCCF ,MVRO

13A
SCHULTZ COM G
EL PASO NATURAL GAS
300452633400
MVRO

1
FEDERAL R
WYNN R C
300452036200
MVRO ,DKOT

62
FLORANCE
AMOCO PROD
300451172900
MVRO ,DKOT ,DKOT

4
FLORANCE D LS
AMOCO PROD
300450637600
MVRO ,FRLD

SAN JUAN
27N-8W

20

22

13-D
FLORANCE
EL PASO NATURAL GAS
300450634500
PCCF ,MVRO

14-D
FLORANCE
EL PASO NATURAL GAS
300450634700
PCCF ,MVRO

42-A
MARRON
R & G ORLG
300452189200
MVRO ,CHCR

1
FEDERAL-D
WYNN & BROOKS
300452056100
MVRO ,DKOT

42
MARRON
R & G ORLG
300450631200
PCCF ,MVRO ,DKOT

12-C
BOLACK
EL PASO NATURAL GAS
300450627700
PCCF ,MVRO

10-C
BOLACK
EL PASO NATURAL GAS
300450627100
MVRO

5
MARRON-FEDERAL
WESTERN OIL & MINERALS
300452131600
MVRO

29
12A
BOLACK C LS
TENNECO OIL
300452655200
MVRO

13-C
BOLACK
EL PASO NATURAL GAS
300450620000
PCCF ,MVRO

11-C
BOLACK
EL PASO NATURAL GAS
300450622700
PCCF ,MVRO

1
MARRON
ATLANTIC RICHFIELD
300452251800
MVRO ,CHCR

4
MARRON
JOHN A EGAN
300451324400
PCCF ,MVRO

36° 32' 16" N
13,271,071.63 FT. N

36° 32' 16" N
13,271,071.63 FT. N

992,123.30 FT. E
107° 42' 48" W

1,007,876.70 FT. E
107° 39' 35" W

All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

AMOCO PRODUCTION COMPANY
PLAT MAP
Schwerdtfeger A LS 15
Mesaverde

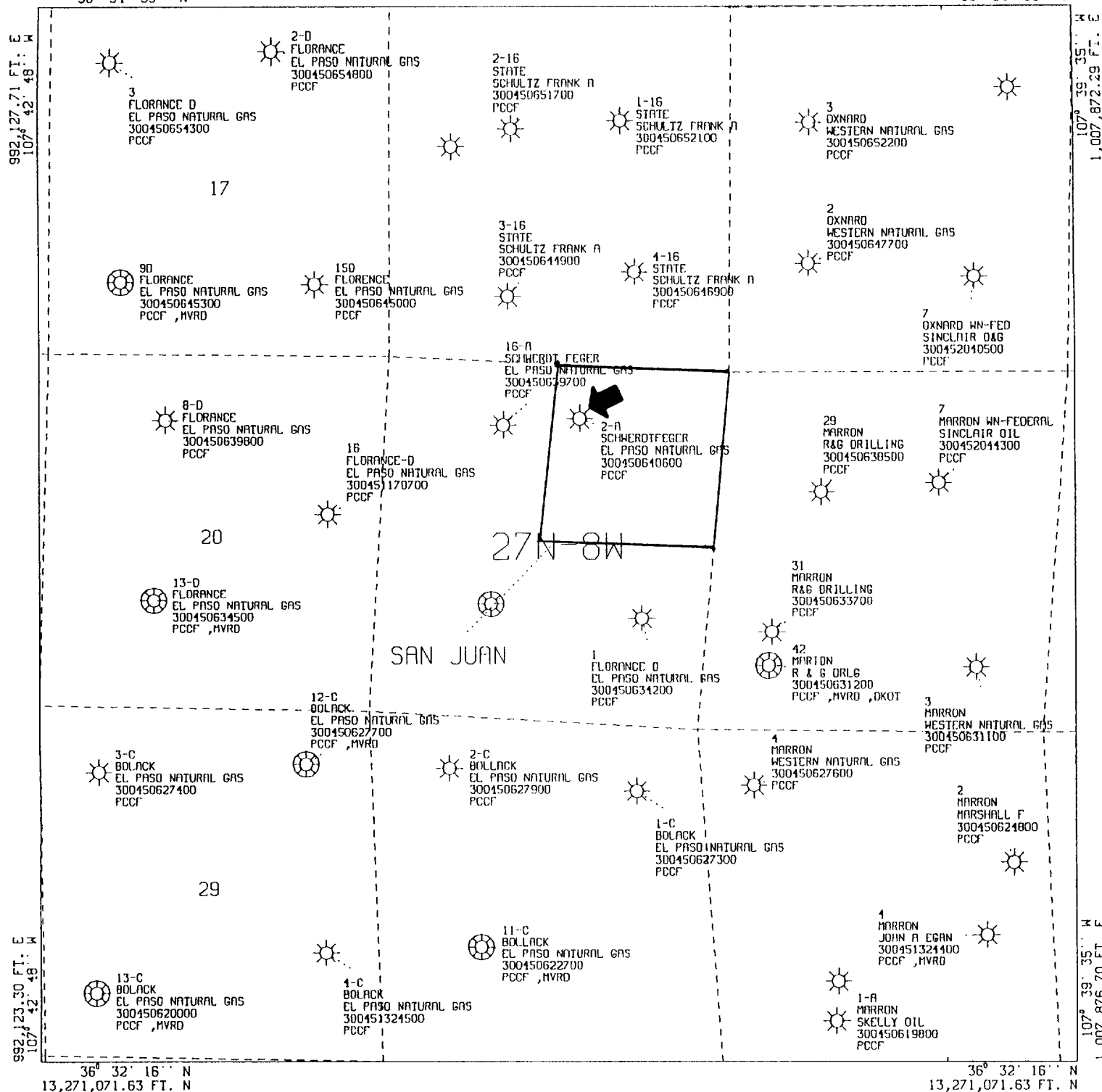
POLYCONIC CENTRAL MERIDIAN - 107° 41' 12" W LON
SPHEROID - 6

SCALE 1 IN. = 2,000 FT. JUL 26 1995

495207114056

53.03 WEO 26 JUL 1995 JOB-P1027002, ISS00 DISSPLA 10.0

13,286,912.02 FT. N
36° 34' 53" N



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POLYCONIC CENTRAL MERIDIAN - 107° 41' 12'' W LONG
SPHEROID - 6

AMOCO PRODUCTION COMPANY
PLAT MAP
Schwerdtfeger A LS 2
Pictured Cliffs

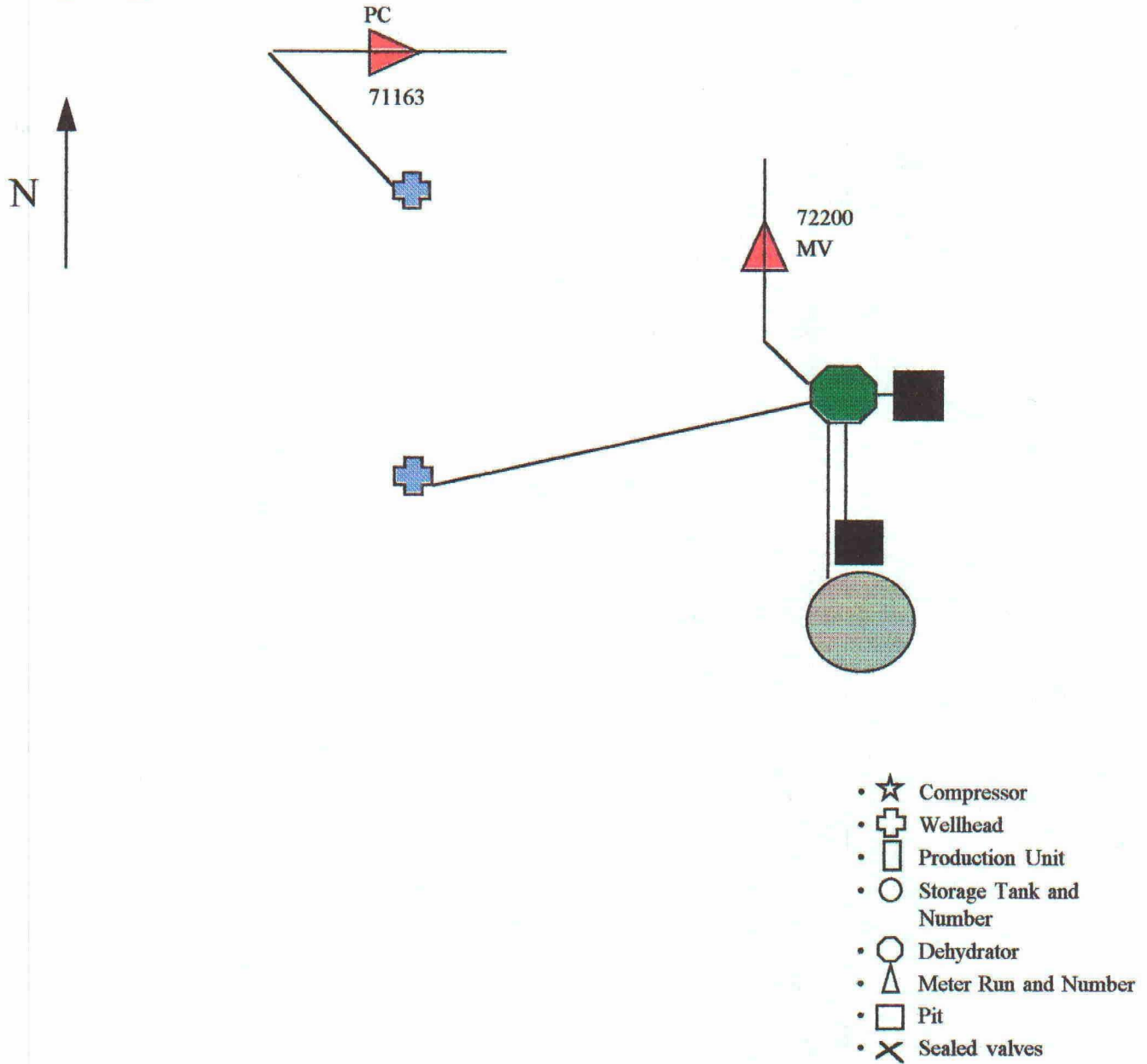
SCALE 1 IN. = 2,000 FT. JUL 27, 1995

AMOCO PRODUCTION COMPANY
 SAN JUAN OPERATIONS CENTER
 FARMINGTON, NM
CURRENT
 ONSHORE FEDERAL AND INDIAN
SITE FACILITY DIAGRAM

LEASE NAME & WELL NUMBER Schwerdtfeger ALS2 PC and A15 MV
 LEASE NUMBER _____ COMMUNITIZATION NUMBER _____
 LOCATION SEC T R
 This diagram subject to site security plan for NewMexico

Sealed valves are normally closed during production phase. Drain line valve to pit open to draw off water and load line valve open to sell condensate.

Date 7/18/95



AMOCO PRODUCTION COMPANY
 SAN JUAN OPERATIONS CENTER
 FARMINGTON, NM
PROPOSED
 ONSHORE FEDERAL AND INDIAN
SITE FACILITY DIAGRAM

LEASE NAME & WELL NUMBER__Schwerdtfeger ALS2 PC and A15 MV__

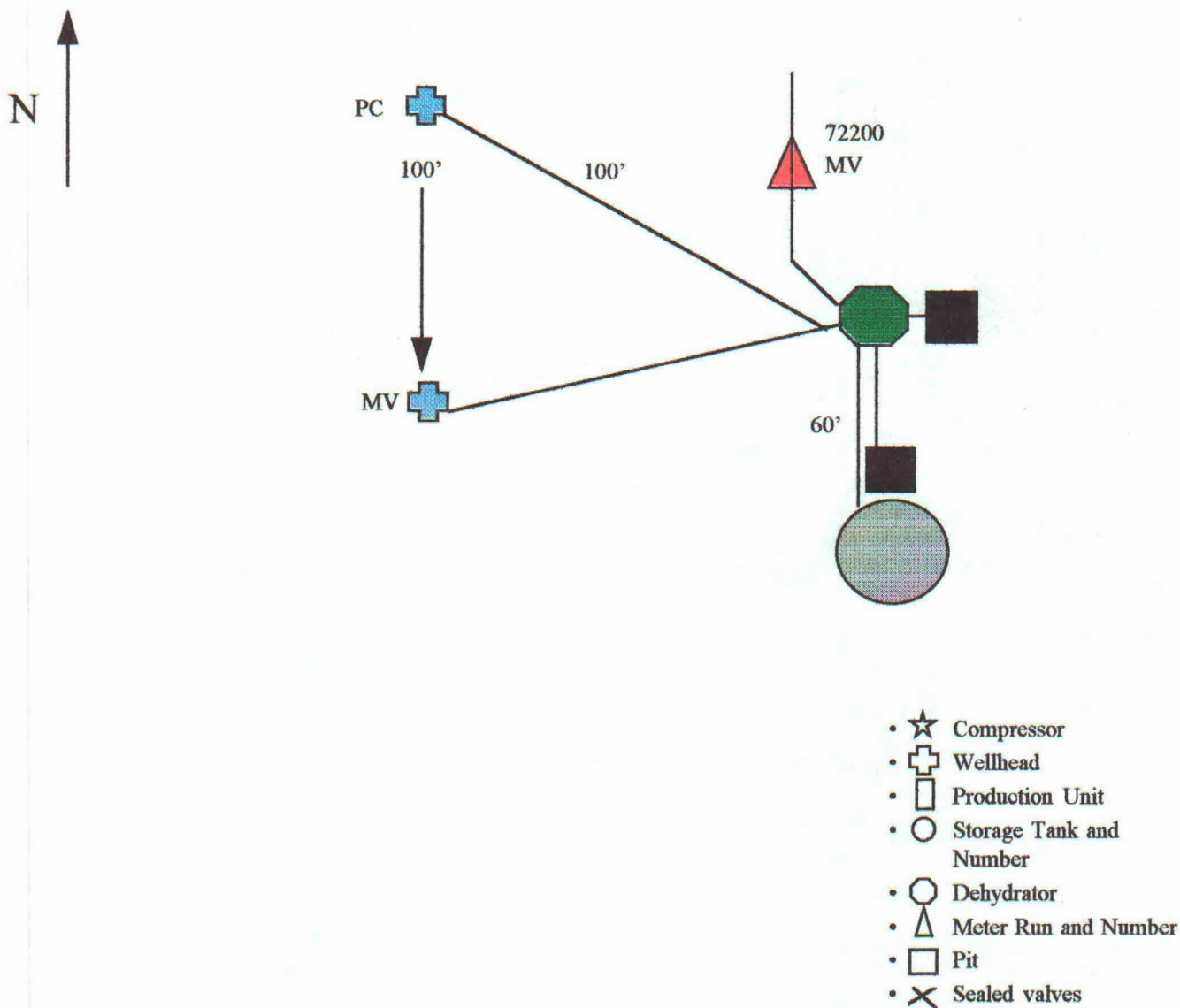
LEASE NUMBER _____ COMMUNITIZATION NUMBER _____

LOCATION SEC T R

This diagram subject to site security plan for NewMexico

Sealed valves are normally closed during production phase. Drain line valve to pit open to draw off water and load line valve open to sell condensate.

Date 7/18/95



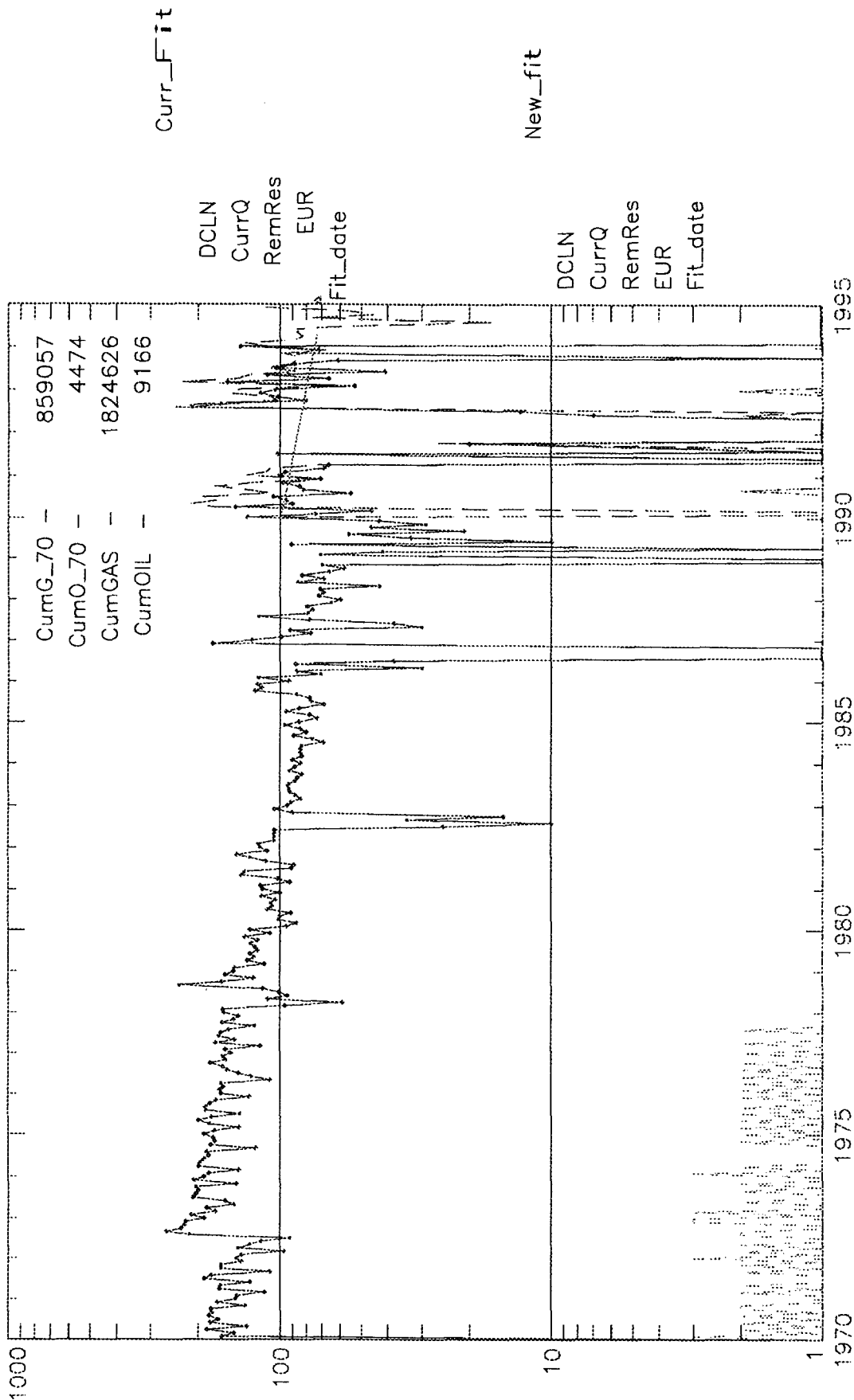
Engr: zr06

SCHWERTFEGER A LS 15

Operator- AMOCO PRODUCTION CO

300450640300MV B212708-015 MV

APC_WI - 0.50000000



Well Production Summary Report

Well: SCHWERTDFEGER A LS 015-MV

Report Date: 7/25/95

Flac: 97843701

Foreman: JOHN HATCH

Meter: 72200

Pumper: MARK DOWNEY

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Water Prod.	Last Mod.
May 24, 95 FLOWING	63	63	0.0	124	170	124	8	72	0	5/24/95 06:17:00
May 25, 95 FLOWING	89	89	0.0	117	166	118	11	68	0	5/25/95 06:20:00
May 26, 95 FLOWING	82	82	0.0	118	165	118	10	69	0	5/26/95 06:18:00
May 27, 95 FLOWING	79	79	0.0	118	165	118	10	66	0	5/27/95 06:18:00
May 28, 95 FLOWING	84	84	0.0	117	164	118	10	66	0	5/28/95 06:18:00
May 29, 95 FLOWING	85	85	0.0	115	163	116	10	59	0	5/29/95 06:18:00
May 30, 95 FLOWING	97	97	0.0	112	160	113	11	53	0	5/30/95 06:18:00
May 31, 95 FLOWING	95	95	0.0			110	12	66	0	5/31/95 06:18:00
Jun 01, 95 FLOWING	76	76	0.0	113	161	114	11	71	0	6/2/95 05:31:00
Jun 02, 95 FLOWING	66	66	0.0	119	165	120	9	76	0	6/2/95 06:10:00
Jun 03, 95 FLOWING	70	70	0.0	121	165	121	9	73	0	6/3/95 06:18:00
Jun 04, 95 FLOWING	77	77	0.0	119	165	120	10	74	0	6/4/95 18:32:00
Jun 05, 95 FLOWING	84	84	0.0	117	163	117	10	71	0	6/5/95 06:18:00
Jun 06, 95 FLOWING	82	82	0.0	115	162	116	11	76	0	6/6/95 06:18:00
Jun 07, 95 FLOWING	66	66	0.0	117	166	118	7	78	0	6/7/95 06:18:00
Jun 08, 95 FLOWING	95	95	0.0	110	161	110	13	76	0	6/8/95 06:17:00
Jun 09, 95 FLOWING	89	89	0.0	112	160	112	9	71	0	6/9/95 06:18:00
Jun 10, 95 FLOWING	88	88	0.0	108	159	108	11	70	0	6/12/95 07:16:00
Jun 11, 95 FLOWING	97	97	0.0	106	157	106	10	72	0	6/12/95 07:23:00
Jun 12, 95 FLOWING	66	66	0.0	106	162	107	7	80	0	6/12/95 07:30:00
Jun 13, 95 FLOWING	97	97	0.0	101	160	101	14	81	0	6/14/95 06:16:00
Jun 14, 95 FLOWING	96	96	0.0	107	157	100	26	83	0	6/14/95 06:23:00
Jun 15, 95 FLOWING	75	75	0.0	114	161	111	6	76	0	6/16/95 06:16:00
Jun 16, 95 FLOWING	102	102	0.0	105	158	104	18	74	0	6/16/95 06:23:00
Jun 17, 95 FLOWING	74	74	0.0	106	157	103	10	75	0	6/18/95 06:16:00
Jun 18, 95 FLOWING	59	59	0.0	110	165	110	9	69	0	6/18/95 06:23:00
Jun 19, 95 FLOWING	110	110	0.0	101	157	102	14	73	0	6/19/95 08:03:00
Jun 20, 95 FLOWING	95	95	0.0	100	155	100	12	80	0	6/21/95 07:25:00
Jun 21, 95 FLOWING	97	97	0.0	104	157	103	15	82	0	6/21/95 07:35:00
Jun 22, 95 FLOWING	59	59	0.0	107	159	104	17	80	0	6/22/95 07:01:00
Jun 23, 95 FLOWING	0	0	0.0	122	176	103		80	0	6/23/95 07:16:00
Jun 24, 95 FLOWING	115	115	0.0	121	169	112	40	81	0	6/25/95 11:46:00
Jun 25, 95 FLOWING	101	101	0.0	109	158	107	9	80	0	6/25/95 11:54:00
Total:	4.626	77	0.0	110	163	107	14	75	0	

Well Production Summary Report

Well: SCHWERTFEGER A LS 015-MV

Report Date: 7/25/95

Flac: 97843701

Foreman: JOHN HATCH

Meter: 72200

Pumper: MARK DOWNEY

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Water Prod.	Last Mod.
Jun 26, 95 FLOWING	91	91	0.0	103	161	104	11	81	0	6/26/95 06:16:00
Jun 27, 95 FLOWING	88	88	0.0	102	161	103	11	82	0	6/27/95 06:16:00
Jun 28, 95 FLOWING	100	100	0.0	100	158	101	15	79	0	6/28/95 07:12:00
Jun 29, 95 FLOWING	91	91	0.0	101	158	101	10	80	0	6/30/95 06:56:00
Jun 30, 95 FLOWING	88	88	0.0	100	159	101	14	78	0	6/30/95 07:04:00
Jul 01, 95 FLOWING	88	88	0.0	101	158	101	11	71	0	7/5/95 11:08:00
Jul 02, 95 FLOWING	85	85	0.0	101	158	102	12	78	0	7/5/95 11:13:00
Jul 03, 95 FLOWING	76	76	0.0	100	160	100	10	81	0	7/2/95 07:14:00
Jul 04, 95 FLOWING	79	79	0.0	100	161	102	12	71	0	7/5/95 10:50:00
Jul 05, 95 FLOWING	91	91	0.0	100	159	101	16	74	0	7/5/95 10:59:00
Jul 06, 95 FLOWING	85	85	0.0	101	158	102	9	78	0	7/7/95 06:17:00
Jul 07, 95 FLOWING	52	52	0.0	107	164	107	11	89	0	7/7/95 06:25:00
Jul 08, 95 FLOWING	63	63	0.0	110	167	108	7	89	0	7/8/95 06:16:00
Jul 09, 95 FLOWING	91	91	0.0	103	165	102	13	84	0	7/9/95 06:16:00
Jul 10, 95 FLOWING	59	59	0.0	109	166	99	19	85	0	7/10/95 06:16:00
Jul 11, 95 FLOWING	46	46	0.0	117	169	96	10	74	0	7/11/95 06:16:00
Jul 12, 95 FLOWING	28	28	0.0	116	178	99	43	72	0	7/13/95 07:37:00
Jul 13, 95 FLOWING	0	0	0.0	117	188	99		87	0	7/14/95 07:06:00
Jul 14, 95 FLOWING	0	0	0.0	121	194	100		80	0	7/14/95 07:11:00
Jul 15, 95 FLOWING	75	75	0.0	114	187	105	30	73	0	7/15/95 06:16:00
Jul 16, 95 FLOWING	43	43	0.0	140	186	103	15	67	0	7/16/95 06:16:00
Jul 17, 95 FLOWING	0	0	0.0	161	197	99		77	0	7/17/95 06:16:00
Jul 18, 95 FLOWING	71	71	0.0	148	190	104	97	63	0	7/18/95 06:16:00
Jul 19, 95 FLOWING	115	115	0.0	112	175	103	23	67	0	7/19/95 06:16:00
Jul 20, 95 FLOWING	184	184	0.0	105	158	104	39	73	0	7/20/95 08:05:00
Jul 21, 95 FLOWING	70	70	0.0	108	164	103	10	75	0	7/21/95 06:16:00
Jul 22, 95 FLOWING	57	57	0.0	113	173	109	9	81	0	7/24/95 05:50:00

Total:	4,626	77	0.0	110	163	107	14	75	0	
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Engr: zr06

SCHWERTFEGER A LS 2

Operator- AMOCO PRODUCTION CO

300450640600PC B212708-002 PC

APC_WI - 0.50000000

CumG_70	-	1172702
CumO_70	-	0
CumGAS	-	1610616
CumOIL	-	0

Curr_Fit

DCLN
CurrQ
RemRes
EUR
Fit_date

New_fit

DCLN
CurrQ
RemRes
EUR
Fit_date

1970 1975 1980 1985 1990 1995

Well Production Summary Report

Well: SCHWERTDFEGER A LS 002-PC

Report Date: 7/24/95

Flac: 97843801

Foreman: JOHN HATCH

Meter: 71163

Pumper: MARK DOWNEY

no oil

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Water Prod.	Last Mod.
May 24, 95 FLOWING	28	28	0.0	125	128	123	3	65	0	5/24/95 06:16:00
May 25, 95 FLOWING	30	30	0.0	118	127	117	3	63	0	5/25/95 06:19:00
May 26, 95 FLOWING	27	27	0.0	118	127	117	2	64	0	5/26/95 06:16:00
May 27, 95 FLOWING	25	25	0.0	118	128	117	2	60	0	5/27/95 06:16:00
May 28, 95 FLOWING	23	23	0.0	117	129	117	2	60	0	5/28/95 06:16:00
May 29, 95 FLOWING	22	22	0.0	115	129	115	2	55	0	5/29/95 06:16:00
May 30, 95 FLOWING	23	23	0.0	112	129	112	2	52	0	5/30/95 06:16:00
May 31, 95 FLOWING	22	22	0.0			109	2	60	0	5/31/95 06:17:00
Jun 01, 95 FLOWING	17	17	0.0	113	130	112	1	65	0	6/2/95 05:50:00
Jun 02, 95 FLOWING	7	7	0.0	120	132	116	1	62	0	6/2/95 06:09:00
Jun 03, 95 FLOWING	5	5	0.0	120	133	120	1	68	0	6/3/95 06:17:00
Jun 04, 95 FLOWING	7	7	0.0	119	134	119	1	68	0	6/4/95 18:31:00
Jun 05, 95 FLOWING	14	14	0.0	116	134	116	1	67	0	6/5/95 06:16:00
Jun 06, 95 FLOWING	12	12	0.0	115	134	114	1	69	0	6/6/95 06:17:00
Jun 07, 95 FLOWING	18	18	0.0	118	133	114	2	74	0	6/7/95 06:17:00
Jun 08, 95 FLOWING	24	24	0.0	109	131	109	2	70	0	6/8/95 06:16:00
Jun 09, 95 FLOWING	20	20	0.0	111	132	111	1	66	0	6/9/95 06:16:00
Jun 10, 95 FLOWING	21	21	0.0	107	132	107	2	65	0	6/12/95 07:15:00
Jun 11, 95 FLOWING	21	21	0.0	105	132	105	2	68	0	6/12/95 07:22:00
Jun 12, 95 FLOWING	17	17	0.0	106	133	104	1	74	0	6/12/95 07:29:00
Jun 13, 95 FLOWING	21	21	0.0	101	132	100	2	76	0	6/14/95 06:15:00
Jun 14, 95 FLOWING	16	16	0.0	106	133	98	2	78	0	6/14/95 06:22:00
Jun 15, 95 FLOWING	22	22	0.0	113	133	110	2	74	0	6/16/95 06:15:00
Jun 16, 95 FLOWING	28	28	0.0	104	130	104	3	70	0	6/16/95 06:22:00
Jun 17, 95 FLOWING	24	24	0.0	105	131	104	2	71	0	6/18/95 06:15:00
Jun 18, 95 FLOWING	17	17	0.0	110	133	107	1	65	0	6/18/95 06:22:00
Jun 19, 95 FLOWING	25	25	0.0	100	131	100	2	69	0	6/19/95 08:01:00
Jun 20, 95 FLOWING	23	23	0.0	99	131	98	2	75	0	6/21/95 07:24:00
Jun 21, 95 FLOWING	17	17	0.0	103	132	102	1	81	0	6/21/95 07:35:00
Jun 22, 95 FLOWING	16	16	0.0	103	133	103	1	76	0	6/22/95 06:59:00
Jun 23, 95 FLOWING	14	14	0.0	104	134	102	1	77	0	6/23/95 07:15:00
Jun 24, 95 FLOWING	10	10	0.0	108	135	105	1	74	0	6/25/95 11:45:00
Jun 25, 95 FLOWING	18	18	0.0	108	134	106	1	78	0	6/25/95 11:53:00
Total:	1,141	20	0.0	105	130	106	2	71	0	

Well Production Summary Report

Well: SCHWERTFEGER A LS 002-PC

Report Date: 7/24/95

Flac: 97843801

Foreman: JOHN HATCH

Meter: 71163

Pumper: MARK DOWNEY

PipeLine: 604605

Kind: GAS WELLS EXCEPT CO2

Date	MCF	MCFD	Down Time	Tubing Press	Casing Press	Line Press	ADP	Temp	Water Prod.	Last Mod.
Jun 26, 95 FLOWING	21	21	0.0	102	133	102	2	76	0	6/26/95 06:15:00
Jun 27, 95 FLOWING	20	20	0.0	102	134	101	2	77	0	6/27/95 06:15:00
Jun 28, 95 FLOWING	20	20	0.0	99	134	99	2	76	0	6/28/95 07:09:00
Jun 29, 95 FLOWING	18	18	0.0	100	134	99	1	77	0	6/30/95 06:55:00
Jun 30, 95 FLOWING	17	17	0.0	99	135	99	1	74	0	6/30/95 07:03:00
Jul 01, 95 FLOWING	15	15	0.0	100	135	99	1	70	0	7/5/95 11:07:00
Jul 02, 95 FLOWING	14	14	0.0	100	136	100	1	73	0	7/5/95 11:12:00
Jul 03, 95 FLOWING	15	15	0.0	99	136	99	1	76	0	7/2/95 07:12:00
Jul 04, 95 FLOWING	12	12	0.0	99	137	98	1	68	0	7/5/95 10:48:00
Jul 05, 95 FLOWING	13	13	0.0	98	137	98	1	67	0	7/5/95 10:58:00
Jul 06, 95 FLOWING	13	13	0.0	101	137	99	1	72	0	7/7/95 06:16:00
Jul 07, 95 FLOWING	28	28	0.0	106	135	108	3	81	0	7/7/95 06:24:00
Jul 08, 95 FLOWING	35	35	0.0	110	131	109	5	80	0	7/8/95 06:15:00
Jul 09, 95 FLOWING	35	35	0.0	103	130	102	5	79	0	7/9/95 06:15:00
Jul 10, 95 FLOWING	33	33	0.0	100	129	99	4	80	0	7/10/95 06:15:00
Jul 11, 95 FLOWING	31	31	0.0	98	129	97	4	83	0	7/11/95 06:14:00
Jul 12, 95 FLOWING	27	27	0.0	100	130	99	3	84	0	7/13/95 07:37:00
Jul 13, 95 FLOWING	25	25	0.0	100	131	99	3	84	0	7/14/95 07:06:00
Jul 14, 95 FLOWING	23	23	0.0	100	131	100	2	77	0	7/14/95 07:10:00
Jul 16, 95 FLOWING	20	20	0.0	102	132	102	2	74	0	7/15/95 06:14:00
Jul 16, 95 FLOWING	20	20	0.0	101	132	101	2	80	0	7/16/95 06:14:00
Jul 17, 95 FLOWING	19	19	0.0	100	133	100	2	75	0	7/17/95 06:14:00
Jul 18, 95 FLOWING	17	17	0.0	100	134	100	1	68	0	7/18/95 06:15:00
Jul 19, 95 FLOWING	16	16	0.0	101	135	101	1	67	0	7/19/95 06:14:00

Total:	1,141	20	0.0	105	130	106	2	71	0
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