

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Artesia, NM 87410
District IV

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION AND ALL ATTACHMENTS MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

- I. Operator: Koch Exploration Company OGRID #: 12807
Address: P.O. Box 2256, Wichita, KS 67220
Contact Party: Chris Bean Phone: 316-828-2851
- II. Name of Well: Aggie State #32-1 API #: 30-045-28090
Location of Well: Unit Letter H, 2070' Feet from the North line and 870' feet from the East line,
Section 32, Township 29N, Range 9W, NMPM, San Juan County
- III. Date Workover Procedures Commenced: 18-Dec-96
Date Workover Procedures were Completed: 23-Dec-96
- IV. Attach a description of the Workover Procedures undertaken to increase the production from the Well.
- V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.
- VI. Pool(s) on which Production Projection is based: Basin Fruitland Coal (Gas)

VII. AFFIDAVIT:

State of Kansas)
) ss.
County of Sedgwick)

Chris Bean, being first duly sworn, upon oath states:

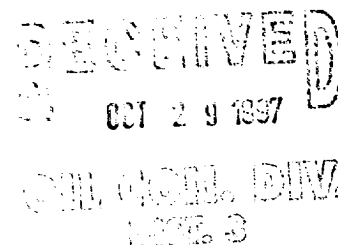
1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Chris Bean/

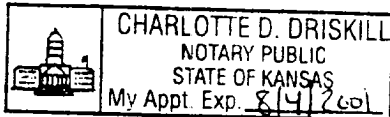
(Name)

Geological/Engineering Technician

(Title)



SUBSCRIBED AND SWORN TO before me this 14 day of October, 1997.



Charlotte D. Driskill
Charlotte D. Driskill
Notary Public

My Commission expires: August 4, 2001

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 12/23, 1996.

FSJ
District Supervisor, District 3
Oil Conservation Division

Date: 10/30/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: _____

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.
30-045-28090

1. Indicate Type of Lease
STATE: **3** FEE ☐

6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator
Koch Exploration Company

3. Address of Operator
P.O. Box 489 Aztec, NM 87410

4. Well Location
Unit Letter **H** : **2070** Feet From The **North** Line and **870** Feet From The **East** Line

Section **32** Township **29N** Range **9W** NMPM **San Juan** County

7. Lease Name or Unit Agreement Name
Aggie State 32

8. Well No. **1**

9. Pool name or Wildcat
Basin Fruitland Coal

10. Elevation (Show whether DP, RKB, RT, GR, etc.)
6092 GL

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☐	
OTHER: ☐		OTHER: Recompletion of well	☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting and completing work) SEE RULE 1103.

Recompleted well through 4 1/2" casing on 12-13-96 and the following details are as follows:
NOTE: Did not alter casing (used existing perforations)

Ran Packer to 2117' KB and pressure tested 4 1/2" casing to 2150 psi. After pressure test we set an Isolation packer at 35' with 2 7/8" tubing and completed frac job with maximum pressure on surface of 1695 psi. Frac job in coal zone consisted of 95,000 lbs. of 20/40 Bradey sand through existing perforations and pumped a total of 45,296 gallons of 70 quality foam. Completed a 1 hour shut in which resulted in 960 psi at surface. Flowed back well and tested for 40 hours with 1/8" and 1/4" chokes. Average flow back test of 112.8 MCFD rate.

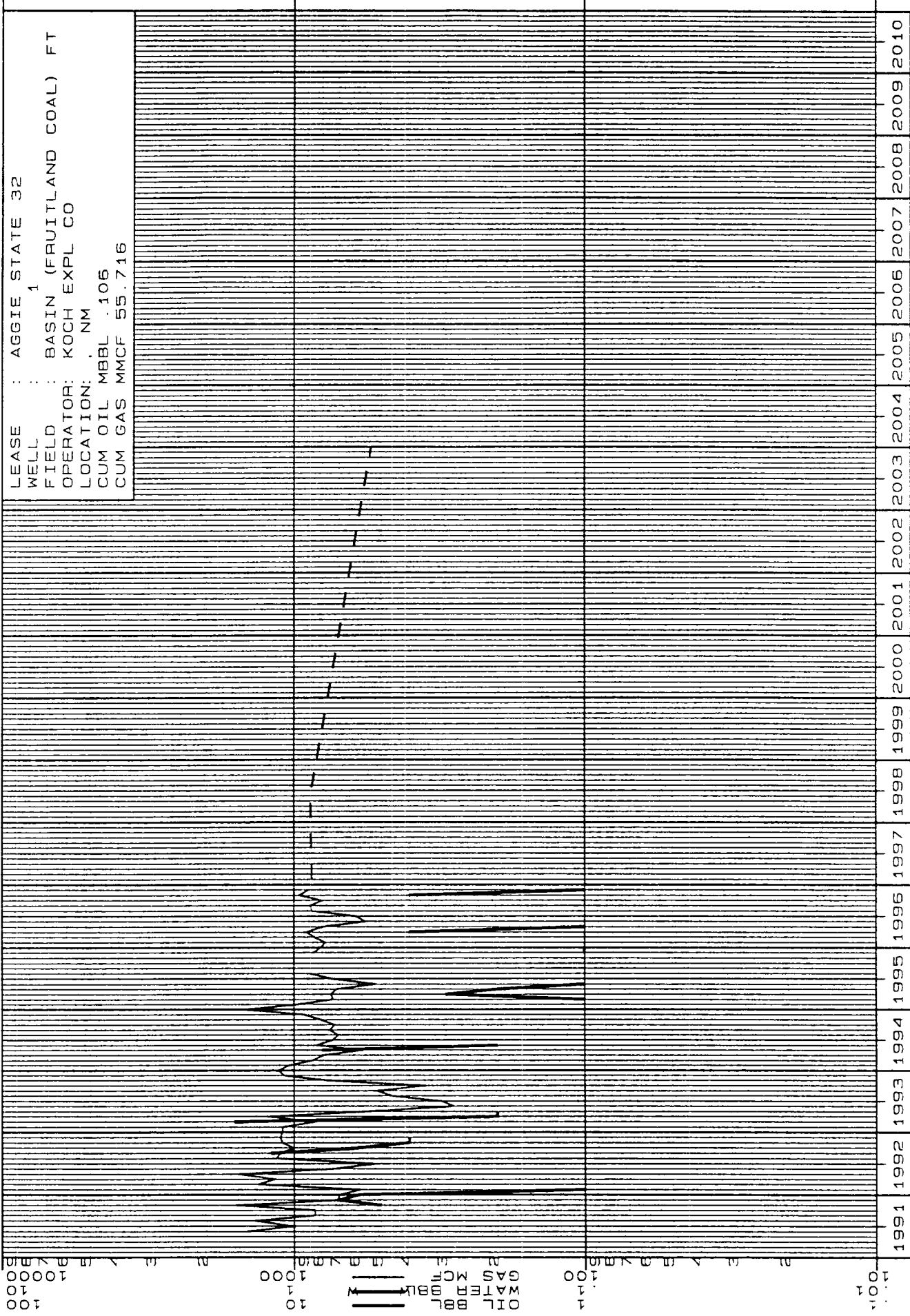
Had to swab well to put back on production. Put well back on production on 12-23-96 at 2:00 PM.

RECEIVED
JAN - 6 1997

OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE **Don Johnson** TITLE **Foreman** DATE **1-6-97**
TYPE OR PRINT NAME **Don Johnson** TELEPHONE NO.

(This space for State Use)
ORIGINAL SIGNED BY ERNIE BUSCH
APPROVED BY _____ TITLE _____ DATE **JAN - 9 1997**
DEPUTY OIL & GAS INSPECTOR, DIST. #3
CONDITIONS OF APPROVAL, IF ANY:



LEASE NAME: AGGIE STATE 32
WELL NAME: 1
FIELD: BASIN (FRUITLAND COAL) FT
CNTY/ST: , NM
OPERATOR: KOCH EXPL CO
FORMATION:

DATE: 10-15-1997
TIME: 15:07:32
FILE: AGGIE32B

PROD. START: 5 / 1991 PRODUCTION FORECAST REPORT (HISTORY ENDS 11/1996)
PROJ. START: 11 / 1995

***** 8/8TH PRODUCTION *****					***** NET PRODUCTION *****				
MTH/YR	OIL	GAS	CUM OIL	CUM GAS	OIL	GAS	CUM OIL	CUM GAS	RATIO
-----	BBL-----	MCF-----	MB-----	MMF-----	BBL-----	MCF-----	MB-----	MMF-----	-----
PRIOR			0.094	45.142			0.061	29.129	2
11/95	1.0	854.0	0.095	45.996	0.6	551.1	0.061	29.680	1
12/95	1.0	811.0	0.096	46.807	0.6	523.3	0.062	30.203	1
S.TOT.	2.0	1665.0			1.3	1074.4			1
1/96	0.0	781.0	0.096	47.588	0.0	504.0	0.062	30.707	0
2/96	0.0	851.0	0.096	48.439	0.0	549.1	0.062	31.256	0
3/96	4.0	904.0	0.100	49.343	2.6	583.3	0.065	31.840	4
4/96	1.0	796.0	0.101	50.139	0.6	513.6	0.065	32.353	1
5/96	0.0	569.0	0.101	50.708	0.0	367.2	0.065	32.720	0
6/96	0.0	609.0	0.101	51.317	0.0	393.0	0.065	33.113	0
7/96	0.0	872.0	0.101	52.189	0.0	562.7	0.065	33.676	0
8/96	0.0	879.0	0.101	53.068	0.0	567.2	0.065	34.243	0
9/96	0.0	799.0	0.101	53.867	0.0	515.6	0.065	34.759	0
10/96	4.0	956.0	0.105	54.823	2.6	616.9	0.068	35.376	4
11/96	1.0	893.0	0.106	55.716	0.6	576.2	0.068	35.952	1
12/96	0.0	0.0	0.106	55.716	0.0	0.0	0.068	35.952	0
S.TOT.	10.0	8909.0			6.5	5748.7			1
1/97	0.0	870.3	0.106	56.586	0.0	561.6	0.068	36.513	0
2/97	0.0	870.8	0.106	57.457	0.0	561.9	0.068	37.075	0
3/97	0.0	871.4	0.106	58.328	0.0	562.3	0.068	37.638	0
4/97	0.0	871.9	0.106	59.200	0.0	562.6	0.068	38.200	0
5/97	0.0	872.5	0.106	60.073	0.0	563.0	0.068	38.763	0
6/97	0.0	873.0	0.106	60.946	0.0	563.3	0.068	39.327	0
7/97	0.0	873.6	0.106	61.820	0.0	563.7	0.068	39.890	0
8/97	0.0	874.2	0.106	62.694	0.0	564.1	0.068	40.454	0
9/97	0.0	874.7	0.106	63.568	0.0	564.4	0.068	41.019	0
10/97	0.0	875.3	0.106	64.444	0.0	564.8	0.068	41.584	0
11/97	0.0	875.8	0.106	65.320	0.0	565.1	0.068	42.149	0
12/97	0.0	876.4	0.106	66.196	0.0	565.5	0.068	42.714	0
S.TOT.	0.0	10479.9			0.0	6762.3			0

LEASE NAME: AGGIE STATE 32

DATE: 10-15-1997

WELL NAME: 1

TIME: 15:07:32

FIELD: BASIN (FRUITLAND COAL) FT

FILE: AGGIE32B

CNTY/ST , NM

OPERATOR: KOCH EXPL CO

FORMATION:

PROD. START: 5 / 1991

PRODUCTION FORECAST REPORT

(HISTORY ENDS 11/1996)

PROJ. START: 11 / 1995

***** 8/8TH PRODUCTION *****					***** NET PRODUCTION *****					
MTN/YR	OIL	GAS	CUM OIL	CUM GAS	OIL	GAS	CUM OIL	CUM GAS	RATIO	
-----	BEL-----	MCP-----	MB-----	MMF-----	BEL-----	MCP-----	MB-----	MMF-----	-----	
1/98	0.0	876.9	0.106	67.073	0.0	565.9	0.068	43.280	0	
2/98	0.0	877.5	0.106	67.950	0.0	566.2	0.068	43.846	0	
3/98	0.0	878.0	0.106	68.828	0.0	566.6	0.068	44.413	0	
4/98	0.0	878.6	0.106	69.707	0.0	566.9	0.068	44.980	0	
5/98	0.0	879.2	0.106	70.586	0.0	567.3	0.068	45.547	0	
6/98	0.0	879.7	0.106	71.466	0.0	567.7	0.068	46.115	0	
7/98	0.0	866.9	0.106	72.333	0.0	559.4	0.068	46.674	0	
8/98	0.0	860.6	0.106	73.193	0.0	555.3	0.068	47.229	0	
9/98	0.0	854.4	0.106	74.048	0.0	551.3	0.068	47.781	0	
10/98	0.0	848.3	0.106	74.896	0.0	547.4	0.068	48.328	0	
11/98	0.0	842.1	0.106	75.738	0.0	543.4	0.068	48.872	0	
12/98	0.0	836.1	0.106	76.574	0.0	539.5	0.068	49.411	0	
S.TOT.	0.0	10378.3			0.0	6696.8			0	
1/99	0.0	830.1	0.106	77.404	0.0	535.6	0.068	49.947	0	
2/99	0.0	824.1	0.106	78.228	0.0	531.7	0.068	50.478	0	
3/99	0.0	818.1	0.106	79.046	0.0	527.9	0.068	51.006	0	
4/99	0.0	812.2	0.106	79.859	0.0	524.1	0.068	51.530	0	
5/99	0.0	806.4	0.106	80.665	0.0	520.3	0.068	52.051	0	
6/99	0.0	800.6	0.106	81.466	0.0	516.6	0.068	52.567	0	
7/99	0.0	794.8	0.106	82.260	0.0	512.9	0.068	53.080	0	
8/99	0.0	789.1	0.106	83.050	0.0	509.2	0.068	53.589	0	
9/99	0.0	783.4	0.106	83.833	0.0	505.5	0.068	54.095	0	
10/99	0.0	777.7	0.106	84.611	0.0	501.9	0.068	54.597	0	
11/99	0.0	772.1	0.106	85.383	0.0	498.2	0.068	55.095	0	
12/99	0.0	766.6	0.106	86.149	0.0	494.7	0.068	55.590	0	
S.TOT.	0.0	9575.2			0.0	6178.6			0	
1/ 0	0.0	761.1	0.106	86.910	0.0	491.1	0.068	56.081	0	
2/ 0	0.0	755.6	0.106	87.666	0.0	487.5	0.068	56.568	0	
3/ 0	0.0	750.1	0.106	88.416	0.0	484.0	0.068	57.052	0	
4/ 0	0.0	744.7	0.106	89.161	0.0	480.5	0.068	57.533	0	
5/ 0	0.0	739.4	0.106	89.900	0.0	477.1	0.068	58.010	0	
6/ 0	0.0	734.0	0.106	90.634	0.0	473.6	0.068	58.484	0	
7/ 0	0.0	728.7	0.106	91.363	0.0	470.2	0.068	58.954	0	
8/ 0	0.0	723.5	0.106	92.087	0.0	466.8	0.068	59.421	0	
9/ 0	0.0	718.3	0.106	92.805	0.0	463.5	0.068	59.884	0	
10/ 0	0.0	713.1	0.106	93.518	0.0	460.1	0.068	60.344	0	
11/ 0	0.0	708.0	0.106	94.226	0.0	456.8	0.068	60.801	0	
12/ 0	0.0	702.9	0.106	94.929	0.0	453.5	0.068	61.255	0	
S.TOT.	0.0	8779.3			0.0	5665.0			0	

LEASE NAME: AGGIE STATE 32

DATE: 10-15-1997

WELL NAME: 1

TIME: 15:07:32

FIELD: BASIN (FRUITLAND COAL) FT

FILE: AGGIE32B

CNTY/ST , NM

OPERATOR: KOCH EXPL CO

FORMATION:

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PRODUCTION FORECAST REPORT

(HISTORY ENDS 11/1996)

PROJ. START: 11 / 1995

***** 8/8TH PRODUCTION *****					***** NET PRODUCTION *****					
MTH/YR	OIL	GAS	CUM OIL	CUM GAS	OIL	GAS	CUM OIL	CUM GAS	RATIO	
-----	BBL-----	MCF-----	MB-----	MMF-----	BBL-----	MCF-----	MB-----	MMF-----	-----	
1/ 1	0.0	697.8	0.106	95.526	0.0	450.3	0.068	61.705	0	
2/ 1	0.0	692.8	0.106	96.319	0.0	447.0	0.068	62.152	0	
3/ 1	0.0	687.8	0.106	97.007	0.0	443.8	0.068	62.596	0	
4/ 1	0.0	682.8	0.106	97.690	0.0	440.6	0.068	63.036	0	
5/ 1	0.0	677.9	0.106	98.368	0.0	437.4	0.068	63.474	0	
6/ 1	0.0	673.0	0.106	99.041	0.0	434.3	0.068	63.908	0	
7/ 1	0.0	668.2	0.106	99.709	0.0	431.1	0.068	64.339	0	
8/ 1	0.0	663.4	0.106	100.372	0.0	428.0	0.068	64.767	0	
9/ 1	0.0	658.6	0.106	101.031	0.0	425.0	0.068	65.192	0	
10/ 1	0.0	653.8	0.106	101.685	0.0	421.9	0.068	65.614	0	
11/ 1	0.0	649.1	0.106	102.334	0.0	418.9	0.068	66.033	0	
12/ 1	0.0	644.4	0.106	102.978	0.0	415.8	0.068	66.449	0	
S.TOT.	0.0	8049.5			0.0	5194.1			0	
1/ 2	0.0	639.8	0.106	103.618	0.0	412.8	0.068	66.862	0	
2/ 2	0.0	635.2	0.106	104.253	0.0	409.9	0.068	67.271	0	
3/ 2	0.0	630.6	0.106	104.884	0.0	406.9	0.068	67.678	0	
4/ 2	0.0	626.1	0.106	105.510	0.0	404.0	0.068	68.082	0	
5/ 2	0.0	621.6	0.106	106.131	0.0	401.1	0.068	68.483	0	
6/ 2	0.0	617.1	0.106	106.749	0.0	398.2	0.068	68.882	0	
7/ 2	0.0	612.6	0.106	107.361	0.0	395.3	0.068	69.277	0	
8/ 2	0.0	608.2	0.106	107.969	0.0	392.5	0.068	69.669	0	
9/ 2	0.0	603.8	0.106	108.573	0.0	389.6	0.068	70.059	0	
10/ 2	0.0	599.5	0.106	109.173	0.0	386.8	0.068	70.446	0	
11/ 2	0.0	595.2	0.106	109.768	0.0	384.0	0.068	70.830	0	
12/ 2	0.0	590.9	0.106	110.359	0.0	381.3	0.068	71.211	0	
S.TOT.	0.0	7380.5			0.0	4762.4			0	
1/ 3	0.0	586.6	0.106	110.945	0.0	378.5	0.068	71.590	0	
2/ 3	0.0	582.4	0.106	111.528	0.0	375.8	0.068	71.965	0	
3/ 3	0.0	578.2	0.106	112.106	0.0	373.1	0.068	72.339	0	
4/ 3	0.0	574.0	0.106	112.680	0.0	370.4	0.068	72.709	0	
5/ 3	0.0	569.9	0.106	113.250	0.0	367.7	0.068	73.077	0	
6/ 3	0.0	565.8	0.106	113.816	0.0	365.1	0.068	73.442	0	
7/ 3	0.0	561.7	0.106	114.377	0.0	362.5	0.068	73.804	0	
8/ 3	0.0	557.7	0.106	114.935	0.0	359.8	0.068	74.164	0	
9/ 3	0.0	553.6	0.106	115.489	0.0	357.2	0.068	74.521	0	
10/ 3	0.0	549.6	0.106	116.038	0.0	354.7	0.068	74.876	0	
11/ 3	0.0	545.7	0.106	116.584	0.0	352.1	0.068	75.228	0	
12/ 3	0.0	541.8	0.106	117.126	0.0	349.6	0.068	75.578	0	
S.TOT.	0.0	6767.0			0.0	4366.5			0	