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Aztec, NM 87410
District IV

New Mexico
Energy, Minerals & 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

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DIST. 3

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

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

I. Operator: Amoco Production Company OGRID #: 000778
Address: P.O. Box 800, Denver, Colorado 80201
Contact Party: Patricia J. Archuleta Phone: (303) 830-5217

II. Name of Well: Arnaud A #3 API #: 3004528184
Location of Well: Unit Letter A, 1090 Feet from the North line and 930 Feet from the East line, Section 20, Township 32N, Range 9W, NMPM, San Juan County.

III. Date Workover Procedures Commenced: 7/01/97
Date Workover Procedures were Completed: 7/01/97

IV. Attach a description of the Workover Procedures undertaken to increase the projection 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:

Fruitland Coal

VII. AFFIDAVIT:

State of Colorado)
) ss.
County of Denver)

Patricia J. Archuleta, 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.

Patricia J. Archuleta
(Name)

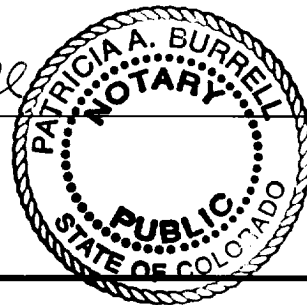
Staff Assistant
(Title)

RECEIVED
JUN 11 1998
OIL CON. DIV.
DIST. 3

RECEIVED
JUN 31 1998
SRBU PERMITTING

SUBSCRIBED AND SWORN TO before me this 9th day of June, 19 98.

Patricia A. Burrell
Notary Public



My Commission expires: 11-21-99

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

7/1, 19 98.

35.5
District Supervisor, District 3
Oil Conservation Division

Date: 11/30/98

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

DATE: _____

Arnaud A #3

3004528184

THIS WELL HAS BEEN EQUIPPED WITH AMOCO'S ELECTRONIC CONTROL/MONITOR SYSTEM. THE FOLLOWING EQUIPMENT HAS BEEN ADDED AT A COST OF \$ 10,000. PRESSURE TRANSDUCERS, MICRO PROCESSOR, 900 MEGAHERTZ RADIO, SOLAR POWER, ELECTRONIC FLOW, CHOKE CONTROL, VENT CONTROL, TANK AND PIT MONITORING, PLUNGER LIFT CONTROL AND MONITORING, AND COMPRESSOR AND PUMPING UNIT RUNTIME.

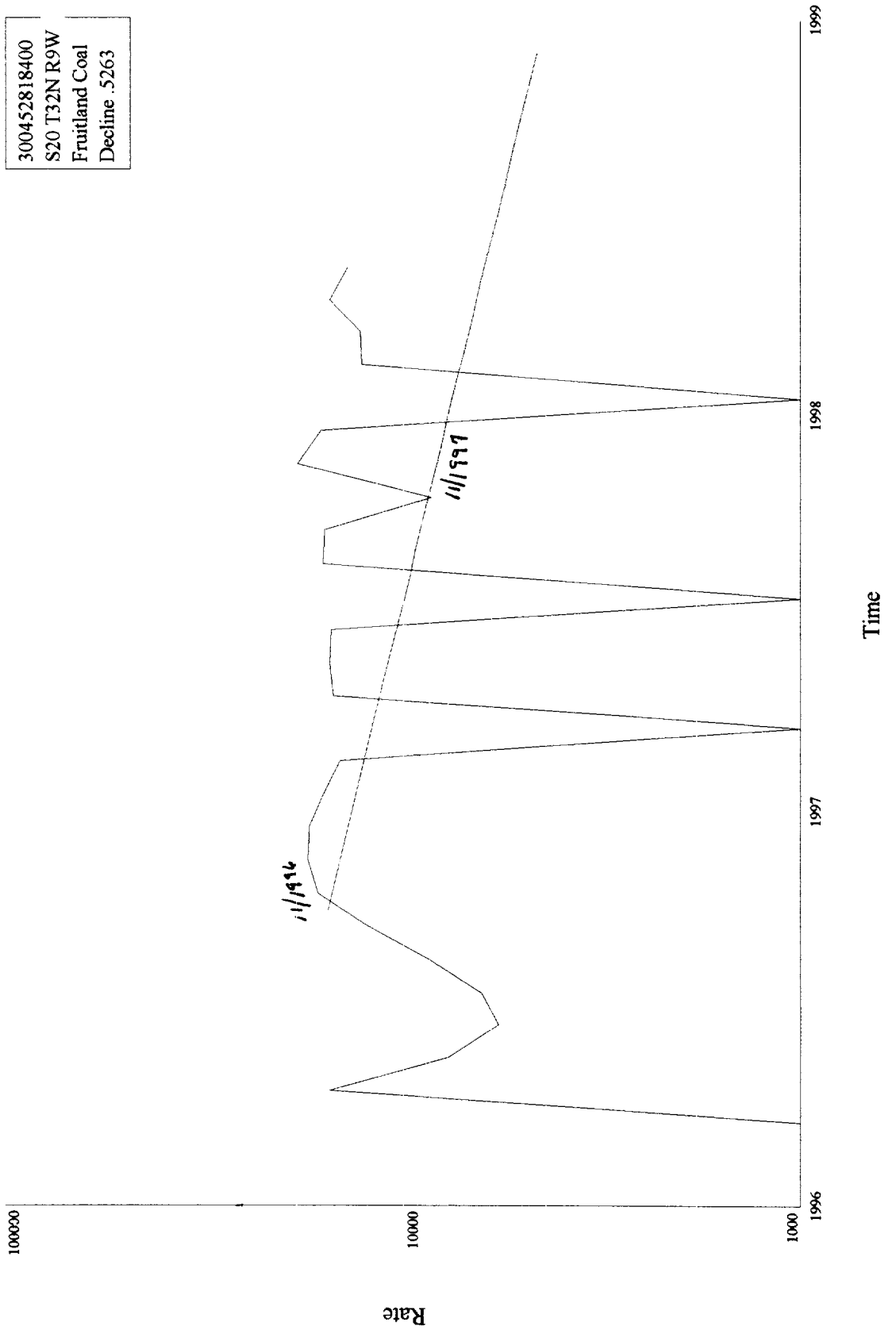
THE ADDITION OF THIS EQUIPMENT INCREASES THE CONTROL THAT AMOCO HAS OVER THE OPERATIONS OF THE WELL AND WILL LIKELY SHOW CONTINUAL INCREASES IN PRODUCTION THROUGH THE FOLLOWING ACTIONS.

THE SYSTEM ALLOWS A FIELD TECHNICIAN TO NOT ONLY MONITOR THE OPERATION OF THE WELL, WHILE NOT PHYSICALLY BEING AT THE WELL SITE, BUT TO CHANGE THE OPERATING CRITERIA FOR OPERATION OF THAT WELL TO ENSURE THAT IT IS OPERATING AT MAXIMUM EFFICIENCY. IT ALSO ALLOWS THAT TECHNICIAN TO BRING A WELL WHICH HAS LOGGED OFF BACK ON PRODUCTION MORE RAPIDLY.

OUR BASE PRODUCTION FOR THIS WELL IS 16,627 MCF.

Lease Name: ARNAUD A#3,
County, ST: SAN JUAN, NEW MEXICO

300452818400
S20 T32N R9W
Fruitland Coal
Decline .5263



WELL DECLINE TABLE TO SEND TO TULSA TAX GROUP		
WELLNAME	Arnaud A	
WELLNO	#3	
POOL	Fruitland Coal	
FLAC	70494601	
API	3004528184	
LOCATION	A 20 32N 9W	
MONTH FINALED	7/97	
DECLINE RATE	0.5263	0.5263
Production Months - (Begin with the Month following the Month Finaled)	GAS	OIL
	' Prod. MCF/Month	' Prod. BBL/Month
08/1997	16627.0	0.0
09/1997	15913.5	0.0
10/1997	15230.7	0.0
11/1997	14577.1	0.0
12/1997	13951.6	0.0
01/1998	13352.9	0.0
02/1998	12780.0	0.0
03/1998	12231.6	0.0
04/1998	11706.7	0.0
05/1998	11204.4	0.0
06/1998	10723.6	0.0
07/1998	10263.4	0.0
08/1998	9823.0	0.0
09/1998	9401.5	0.0
10/1998	8998.1	0.0
11/1998	8612.0	0.0
12/1998	8242.4	0.0
01/1999	7888.7	0.0
02/1999	7550.2	0.0
03/1999	7226.2	0.0
04/1999	6916.2	0.0
05/1999	6619.4	0.0
06/1999	6335.3	0.0
07/1999	6063.5	0.0
08/1999	5803.3	0.0
09/1999	5554.3	0.0
10/1999	5315.9	0.0
11/1999	5087.8	0.0
12/1999	4869.5	0.0

WELLNAME	Arnaud A	
WELLNO	#3	
01/2000	4660.6	0.0
02/2000	4460.6	0.0
03/2000	4269.2	0.0
04/2000	4086.0	0.0
05/2000	3910.6	0.0
06/2000	3742.8	0.0
07/2000	3582.2	0.0
08/2000	3428.5	0.0
09/2000	3281.4	0.0
10/2000	3140.6	0.0
11/2000	3005.8	0.0
12/2000	2876.8	0.0
01/2001	2753.4	0.0
02/2001	2635.2	0.0
03/2001	2522.2	0.0
04/2001	2413.9	0.0
05/2001	2310.4	0.0
06/2001	2211.2	0.0
07/2001	2116.3	0.0
08/2001	2025.5	0.0
09/2001	1938.6	0.0
10/2001	1855.4	0.0
11/2001	1775.8	0.0
12/2001	1699.6	0.0
01/2002	1626.7	0.0
02/2002	1556.9	0.0
03/2002	1490.1	0.0
04/2002	1426.1	0.0
05/2002	1364.9	0.0
06/2002	1306.4	0.0
07/2002	1250.3	0.0
08/2002	1196.7	0.0
09/2002	1145.3	0.0
10/2002	1096.2	0.0
11/2002	1049.1	0.0
12/2002	1004.1	0.0
01/2003	961.0	0.0
02/2003	919.8	0.0
03/2003	880.3	0.0
04/2003	842.5	0.0
05/2003	806.4	0.0
06/2003	771.8	0.0
07/2003	738.7	0.0
08/2003	707.0	0.0
09/2003	676.6	0.0
10/2003	647.6	0.0
11/2003	619.8	0.0
12/2003	593.2	0.0
01/2004	567.8	0.0

WELLNAME	Arnaud A		
WELLNO	#3		
02/2004	543.4	0.0	
03/2004	520.1	0.0	
04/2004	497.8	0.0	
05/2004	476.4	0.0	
06/2004	456.0	0.0	
07/2004	436.4	0.0	
08/2004	417.7	0.0	
09/2004	399.7	0.0	
10/2004	382.6	0.0	
11/2004	366.2	0.0	
12/2004	350.5	0.0	
01/2005	335.4	0.0	
02/2005	321.0	0.0	
03/2005	307.3	0.0	
04/2005	294.1	0.0	
05/2005	281.5	0.0	
06/2005	269.4	0.0	
07/2005	257.8	0.0	
08/2005	246.8	0.0	
09/2005	236.2	0.0	
10/2005	226.0	0.0	
11/2005	216.3	0.0	
12/2005	207.0	0.0	
01/2006	198.2	0.0	
02/2006	189.7	0.0	
03/2006	181.5	0.0	
04/2006	173.7	0.0	
05/2006	166.3	0.0	
06/2006	159.1	0.0	
07/2006	152.3	0.0	
08/2006	145.8	0.0	
09/2006	139.5	0.0	
10/2006	133.5	0.0	
11/2006	127.8	0.0	
12/2006	122.3	0.0	
01/2007	117.1	0.0	
02/2007	112.0	0.0	
03/2007	107.2	0.0	
04/2007	102.6	0.0	
05/2007	98.2	0.0	
06/2007	94.0	0.0	
07/2007	90.0	0.0	
08/2007	86.1	0.0	
09/2007	82.4	0.0	
10/2007	78.9	0.0	
11/2007	75.5	0.0	
12/2007	72.3	0.0	
01/2008	69.2	0.0	
02/2008	66.2	0.0	

WELLNAME	Arnaud A	
WELLNO	#3	
03/2008	63.4	0.0
04/2008	60.6	0.0
05/2008	58.0	0.0
06/2008	55.5	0.0
07/2008	53.2	0.0
08/2008	50.9	0.0
09/2008	48.7	0.0
10/2008	46.6	0.0
11/2008	44.6	0.0
12/2008	42.7	0.0
01/2009	40.9	0.0
02/2009	39.1	0.0
03/2009	37.4	0.0
04/2009	35.8	0.0
05/2009	34.3	0.0
06/2009	32.8	0.0
07/2009	31.4	0.0
08/2009	30.1	0.0
09/2009	28.8	0.0
10/2009	27.5	0.0
11/2009	26.4	0.0
12/2009	25.2	0.0
01/2010	24.1	0.0
02/2010	23.1	0.0
03/2010	22.1	0.0
04/2010	21.2	0.0
05/2010	20.3	0.0
06/2010	19.4	0.0
07/2010	18.6	0.0
08/2010	17.8	0.0
09/2010	17.0	0.0
10/2010	16.3	0.0
11/2010	15.6	0.0
12/2010	14.9	0.0
01/2011	14.3	0.0
02/2011	13.6	0.0
03/2011	13.1	0.0
04/2011	12.5	0.0
05/2011	12.0	0.0
06/2011	11.5	0.0
07/2011	11.0	0.0
08/2011	10.5	0.0
09/2011	10.0	0.0
10/2011	9.6	0.0
11/2011	9.2	0.0
12/2011	8.8	0.0
01/2012	8.4	0.0
02/2012	8.1	0.0
03/2012	7.7	0.0

WELLNAME	Arnaud A	
WELLNO	#3	
04/2012	7.4	0.0
05/2012	7.1	0.0
06/2012	6.8	0.0
07/2012	6.5	0.0
08/2012	6.2	0.0
09/2012	5.9	0.0
10/2012	5.7	0.0
11/2012	5.4	0.0
12/2012	5.2	0.0
01/2013	5.0	0.0
02/2013	4.8	0.0
03/2013	4.6	0.0
04/2013	4.4	0.0
05/2013	4.2	0.0
06/2013	4.0	0.0
07/2013	3.8	0.0
08/2013	3.7	0.0
09/2013	3.5	0.0
10/2013	3.4	0.0
11/2013	3.2	0.0
12/2013	3.1	0.0
01/2014	2.9	0.0
02/2014	2.8	0.0
03/2014	2.7	0.0
04/2014	2.6	0.0
05/2014	2.5	0.0
06/2014	2.4	0.0
07/2014	2.3	0.0
08/2014	2.2	0.0
09/2014	2.1	0.0
10/2014	2.0	0.0
11/2014	1.9	0.0
12/2014	1.8	0.0
01/2015	1.7	0.0
02/2015	1.7	0.0
03/2015	1.6	0.0
04/2015	1.5	0.0
05/2015	1.5	0.0
06/2015	1.4	0.0
07/2015	1.3	0.0
08/2015	1.3	0.0
09/2015	1.2	0.0
10/2015	1.2	0.0
11/2015	1.1	0.0
12/2015	1.1	0.0
01/2016	1.0	0.0
02/2016	1.0	0.0