

District I - (305) 393-6161
PO 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
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
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 MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Amoco Production Company OGRID #: 000778
Address: P.O. Box 3092 Houston, TX 77253
Contact Party: Mary Corley Phone: 281-366-4491

II. Name of Well: FLORANCE 114FT 2 API #: 30-045-27540
Location of Well: Unit Letter L, 2390 Feet from the SOUTH line and 980 Feet from the WEST line, Section 11, Township 30N, Range 9W, NMPM, SAN JUAN County.

III. Date Workover Procedures Commenced: 1/13/98
Date Workover Procedures were Completed: 1/18/98

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:

BASIN FRUITLAND COAL

VII. AFFIDAVIT:

State of Texas)
) ss.

County of Harris)

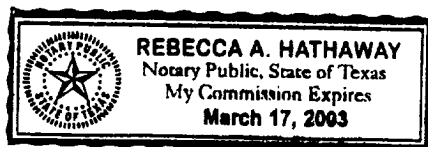
Mary Corley, being first duly sworn, upon oath states:

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.

RECEIVED
JUN 21 1999
OIL CON. DIV.
DIST. 3

Mary Corley
(Name)
Sr. Business Analyst
(Title)

SUBSCRIBED AND SWORN TO before me this 17 day of JUNE, 1999.



Rebecca A. Hathaway
Notary Public

My Commission expires: March 17, 2003

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

1/18, 1998.

SS.S
District Supervisor, District 1
Oil Conservation Division

Date: 8/4/95

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

DATE: _____

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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: Florance 114FT #2 API #: 3004527540
Location of Well: Unit Letter L, 2390 Feet from the South line and 980 Feet from the West line, Section 11, Township 30N, Range 9W, NMPM, San Juan County.

III. Date Workover Procedures Commenced: 1/13/98
Date Workover Procedures were Completed: 1/18/98

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

VII. AFFIDAVIT:

State of Colorado)
) ss.
County of Denver)

RECEIVED
DEC 17 1998
OIL CON. DIV.
DIST. 3

Patricia J. Archuleta, being first duly sworn, upon oath states:

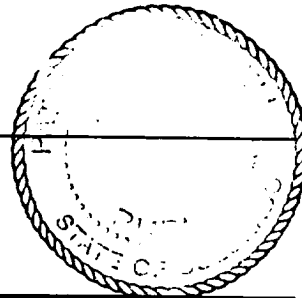
1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my 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)

SUBSCRIBED AND SWORN TO before me this 16th day of December, 1998.

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 _____, 19____.

District Supervisor, District _____
Oil Conservation Division

Date: _____

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

DATE: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

5. Lease Designation and Serial No.

SF-078336

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Florance 114 Ft

#2

9. API Well No.

3004527540

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal Gas

11. County or Parish, State

SAN JUAN

NEW MEXICO

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Pat Archuleta

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

303-830-5217

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2390' FSL

980' FWL

Sec. 11 T 30N R 9W

UNIT L

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Repair

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give markers and zones pertinent to this work.)

subsurface locations and measured and true vertical depths for all

Amoco Production Company has repaired this well per the attached procedures.

RECEIVED

FEB 25 1998

SRBU PERMITTING

RECEIVED
FEB 13 PM 1:19
OTD PERMITTING, NMA

I hereby certify that the foregoing is true and correct

Signed

Title

Staff Assistant

Date

02-11-1998

space for Federal or State office use

Approved by

Conditions of approval, if any:

Title

Date

FEB 13 1998

* 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction

FARMINGTON DISTRICT OFFICE

* See Instructions on Reverse Side

OPERATOR

Florance 114 FT #2

3004527540

MIRUSU 1/13/98.

Set CW plug in tbg above standard seating nipple for pulling tbg hot. TOH w/2.875" prod tbg set by wireline a CIBP at 2500' and load hole w/water, change out csg valve due to damage grease sert plug.

Test csg, blind rams to 500 psi and test stack pipes and choke manifold, floor valve and hcrs, t/1500 psi high and 250 psi low pressure. TIH w/4.75" drill collars and 3.5" drill pipe and drill out CIBP at 2500' and continue in hole for open hole clean out.

Clean out bridges at 2600-20 heavy coal returns, 2645-56, 2656 -68 and 15" fill at td., circ on bottom. Pull shoe and test well up csg at 125 psi fcp and 2025 mcfd flow rate to atmosphere, after test tih and tag 5' of fill and did not circ, toh for underreamer, no bridges.

Under ream and open hole from 6.25 t/9.5 inches w/pdc cutters, circ rate 20 bph mist. Clean out 18' of fill to td at 2809' and circ, reciprocate and rotate at td w/well making 1.5 to 2 in stream of mist as a result of 20 bph circ rate during underreaming.

Flow test after toh and drying hole up, w/bit on bank flow up empty csg through .75" positive choke nipple and well stabilized at 125 psi in 45 min, 15 min 100 psi, 30 min 120 psi, 45 min 125 psi and 1 hr 125 psi (2025 mcfd) to atmosphere, cst natural up csg no drill pipe in hole, first si built 165 in 1 hr and 8 other cst's all natural build ups achieved 160 psi in 15 min.

After cst from surface tih and had no bridges and 20' of fill at td c/o circ r and r w/1500 cfm air and 10 bph mist rate well very clean and stable. Good show of gas at flare .25 plus ft, circ at td for 11 hrs.

Liner 5.5" od 17 ppf L-80 Hadrill 511, wash and ream liner 15' to bottom all fill, liner top at 2532, hanger is a Baker oil tools 5.5 X7 inch SLP-R.

Ran gamma ray ccl log for perforating fruitland coal.

Perforated at 2621'-2630', 2655'-2669', 2703'-2717', 2748'-2758', 2777'-2793' w/4 jspf, .340 inch diameter total 252 shots fired.

Left out slotted sub and purg valve, ran 14' of sub below std seating nipple with F collar conversion on top. Ran plug in place on tih w/tbg and after rig down pulled tbg from F collar conversion and seating nipple sa 2751, place well on production after wh nipple up and oxygen test.

RDMOSU 1/18/98.

Rate/Time Graph

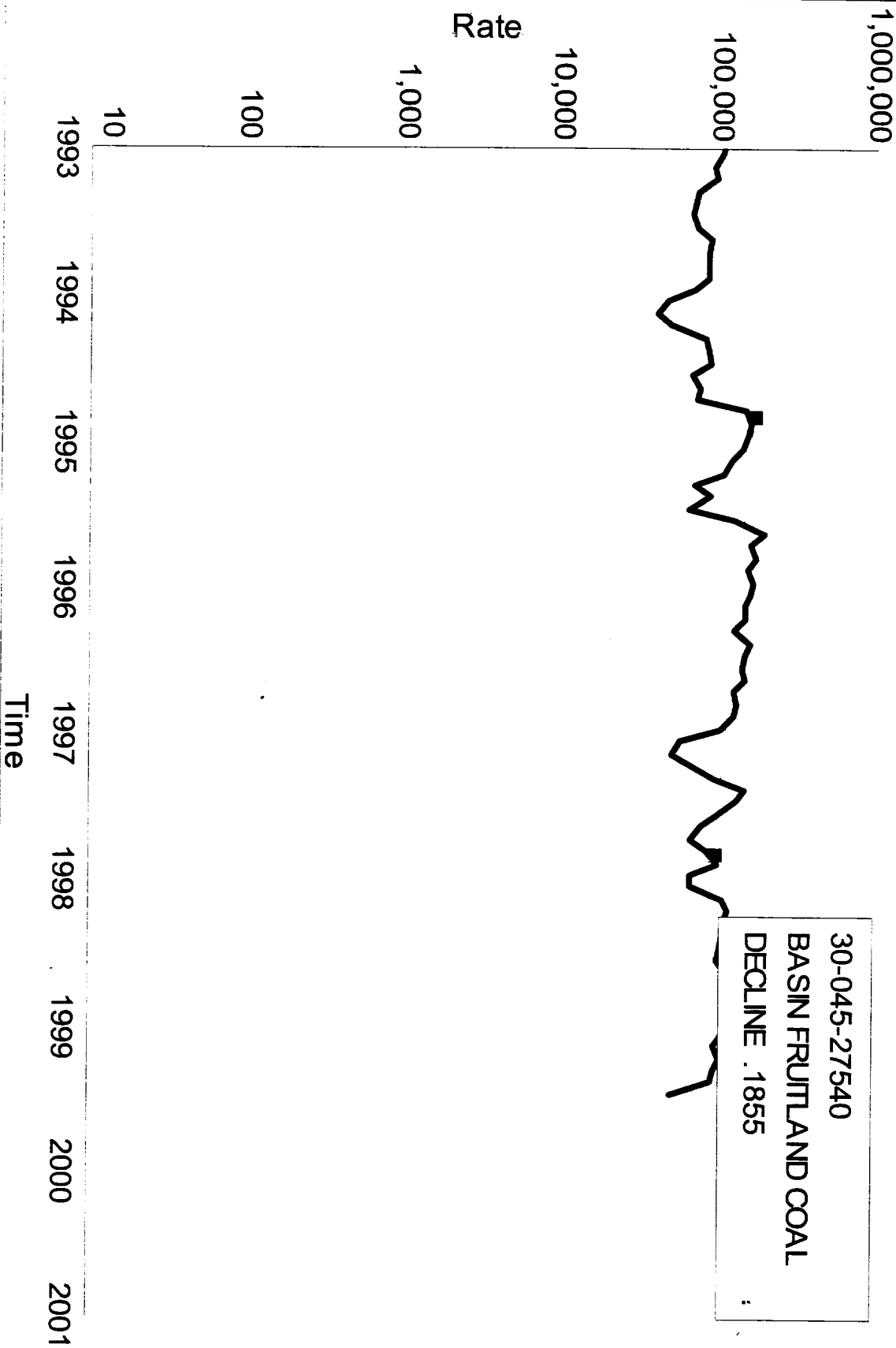
Lease Name: FLORENCE 114#2,604FRLDC ()
County, ST: SAN JUAN, NEW MEXICO
Location: 30N-9W-11

Field Name: BASIN
Operator: AMOCO PROD

Date: 6/17/1999
Time: 12:32 PM

Project: c:\windows\TEMP\rp223\RAP0007C.mdb

FLORENCE 114#2,604FRLDC - BASIN



WELL DECLINE TABLE		
WELLNAME	FLORANCE 114FT	
WELLNO	2	
POOL	BASIN FRUITLAND COAL	
FLAC	703821-01	
API	30-045-27540	
LOCATION	S11 T30N R8W	
MONTH FINALED	1/98	
DECLINE RATE	0.1855	0.1855
Production Months - (Begin with the Month following the Month Finaled)	GAS ' Prod. MCF/Month	OIL ' Prod. BBL/Month
02/1998	108805.0	0.0
03/1998	107136.0	0.0
04/1998	105492.6	0.0
05/1998	103874.4	0.0
06/1998	102281.0	0.0
07/1998	100712.1	0.0
08/1998	99167.2	0.0
09/1998	97646.0	0.0
10/1998	96148.2	0.0
11/1998	94673.3	0.0
12/1998	93221.1	0.0
01/1999	91791.1	0.0
02/1999	90383.1	0.0
03/1999	88996.7	0.0
04/1999	87631.5	0.0
05/1999	86287.3	0.0
06/1999	84963.7	0.0
07/1999	83660.4	0.0
08/1999	82377.1	0.0
09/1999	81113.5	0.0
10/1999	79869.2	0.0
11/1999	78644.1	0.0
12/1999	77437.7	0.0
01/2000	76249.9	0.0
02/2000	75080.2	0.0
03/2000	73928.5	0.0
04/2000	72794.5	0.0
05/2000	71677.9	0.0
06/2000	70578.4	0.0
07/2000	69495.8	0.0
08/2000	68429.7	0.0
09/2000	67380.0	0.0
10/2000	66346.5	0.0
11/2000	65328.8	0.0
12/2000	64326.6	0.0
01/2001	63339.9	0.0
02/2001	62368.3	0.0
03/2001	61411.6	0.0

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LOCATION	S11 T30N R8W	
MONTH FINALED	1/98	
DECLINE RATE	0.1855	0.1855
Production Months - (Begin with the Month following the Month Finaled)	GAS ' Prod. MCF/Month	OIL ' Prod. BBL/Month
04/2001	60469.6	0.0
05/2001	59542.0	0.0
06/2001	58628.7	0.0
07/2001	57729.3	0.0
08/2001	56843.8	0.0
09/2001	55971.9	0.0
10/2001	55113.3	0.0
11/2001	54267.9	0.0
12/2001	53435.4	0.0
01/2002	52615.8	0.0
02/2002	51808.7	0.0
03/2002	51013.9	0.0
04/2002	50231.4	0.0
05/2002	49460.9	0.0
06/2002	48702.2	0.0
07/2002	47955.1	0.0
08/2002	47219.5	0.0
09/2002	46495.2	0.0
10/2002	45782.0	0.0
11/2002	45079.7	0.0
12/2002	44388.2	0.0
01/2003	43707.3	0.0
02/2003	43036.9	0.0
03/2003	42376.7	0.0
04/2003	41726.7	0.0
05/2003	41086.6	0.0
06/2003	40456.4	0.0
07/2003	39835.8	0.0
08/2003	39224.7	0.0
09/2003	38623.0	0.0
10/2003	38030.6	0.0
11/2003	37447.2	0.0
12/2003	36872.8	0.0
01/2004	36307.2	0.0
02/2004	35750.3	0.0
03/2004	35201.9	0.0
04/2004	34661.9	0.0
05/2004	34130.2	0.0

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DECLINE RATE	0.1855	0.1855
Production Months - (Begin with the Month following the Month Finaled)	GAS	OIL
	' Prod. MCF/Month	' Prod. BBL/Month
06/2004	33606.6	0.0
07/2004	33091.1	0.0
08/2004	32583.5	0.0
09/2004	32083.7	0.0
10/2004	31591.6	0.0
11/2004	31107.0	0.0
12/2004	30629.8	0.0
01/2005	30160.0	0.0
02/2005	29697.3	0.0
03/2005	29241.8	0.0
04/2005	28793.2	0.0
05/2005	28351.6	0.0
06/2005	27916.7	0.0
07/2005	27488.4	0.0
08/2005	27066.8	0.0
09/2005	26651.6	0.0
10/2005	26242.8	0.0
11/2005	25840.2	0.0
12/2005	25443.8	0.0
01/2006	25053.6	0.0
02/2006	24669.2	0.0
03/2006	24290.8	0.0
04/2006	23918.2	0.0
05/2006	23551.3	0.0
06/2006	23190.1	0.0
07/2006	22834.3	0.0
08/2006	22484.1	0.0
09/2006	22139.2	0.0
10/2006	21799.6	0.0
11/2006	21465.2	0.0
12/2006	21135.9	0.0
01/2007	20811.7	0.0
02/2007	20492.5	0.0
03/2007	20178.1	0.0
04/2007	19868.6	0.0
05/2007	19563.8	0.0
06/2007	19263.7	0.0
07/2007	18968.2	0.0

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Production Months - (Begin with the Month following the Month Finaled)	GAS	OIL
	' Prod. MCF/Month	' Prod. BBL/Month
08/2007	18677.3	0.0
09/2007	18390.8	0.0
10/2007	18108.7	0.0
11/2007	17830.9	0.0
12/2007	17557.4	0.0
01/2008	17288.1	0.0
02/2008	17022.9	0.0
03/2008	16761.7	0.0
04/2008	16504.6	0.0
05/2008	16251.5	0.0
06/2008	16002.2	0.0
07/2008	15756.7	0.0
08/2008	15515.0	0.0
09/2008	15277.0	0.0
10/2008	15042.7	0.0
11/2008	14811.9	0.0
12/2008	14584.7	0.0
01/2009	14361.0	0.0
02/2009	14140.7	0.0
03/2009	13923.8	0.0
04/2009	13710.2	0.0
05/2009	13499.9	0.0
06/2009	13292.8	0.0
07/2009	13088.9	0.0
08/2009	12888.1	0.0
09/2009	12690.4	0.0
10/2009	12495.8	0.0
11/2009	12304.1	0.0
12/2009	12115.4	0.0
01/2010	11929.5	0.0
02/2010	11746.5	0.0
03/2010	11566.3	0.0
04/2010	11388.9	0.0
05/2010	11214.2	0.0
06/2010	11042.2	0.0
07/2010	10872.8	0.0
08/2010	10706.0	0.0
09/2010	10541.8	0.0

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Production Months - (Begin with the Month following the Month Finaled)	GAS ' Prod. MCF/Month	OIL ' Prod. BBL/Month
10/2010	10380.1	0.0
11/2010	10220.9	0.0
12/2010	10064.1	0.0
01/2011	9909.7	0.0
02/2011	9757.7	0.0
03/2011	9608.0	0.0
04/2011	9460.6	0.0
05/2011	9315.5	0.0
06/2011	9172.6	0.0
07/2011	9031.9	0.0
08/2011	8893.4	0.0
09/2011	8757.0	0.0
10/2011	8622.6	0.0
11/2011	8490.4	0.0
12/2011	8360.1	0.0
01/2012	8231.9	0.0
02/2012	8105.6	0.0
03/2012	7981.3	0.0
04/2012	7858.9	0.0
05/2012	7738.3	0.0
06/2012	7619.6	0.0
07/2012	7502.7	0.0
08/2012	7387.6	0.0
09/2012	7274.3	0.0
10/2012	7162.7	0.0
11/2012	7052.9	0.0
12/2012	6944.7	0.0
01/2013	6838.1	0.0
02/2013	6733.2	0.0
03/2013	6630.0	0.0
04/2013	6528.3	0.0
05/2013	6428.1	0.0
06/2013	6329.5	0.0
07/2013	6232.4	0.0
08/2013	6136.8	0.0
09/2013	6042.7	0.0
10/2013	5950.0	0.0
11/2013	5858.7	0.0

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MONTH FINALED	1/98	
DECLINE RATE	0.1855	0.1855
Production Months - (Begin with the Month following the Month Finaled)	GAS ' Prod. MCF/Month	OIL ' Prod. BBL/Month
12/2013	5768.9	0.0
01/2014	5680.4	0.0
02/2014	5593.2	0.0
03/2014	5507.4	0.0
04/2014	5423.0	0.0
05/2014	5339.8	0.0
06/2014	5257.9	0.0
07/2014	5177.2	0.0
08/2014	5097.8	0.0
09/2014	5019.6	0.0
10/2014	4942.6	0.0
11/2014	4866.8	0.0
12/2014	4792.1	0.0
01/2015	4718.6	0.0
02/2015	4646.2	0.0
03/2015	4575.0	0.0
04/2015	4504.8	0.0
05/2015	4435.7	0.0
06/2015	4367.6	0.0
07/2015	4300.6	0.0
08/2015	4234.7	0.0
09/2015	4169.7	0.0
10/2015	4105.8	0.0
11/2015	4042.8	0.0
12/2015	3980.8	0.0
01/2016	3919.7	0.0
02/2016	3859.6	0.0
03/2016	3800.4	0.0
04/2016	3742.1	0.0
05/2016	3684.7	0.0
06/2016	3628.2	0.0
07/2016	3572.5	0.0
08/2016	3517.7	0.0
09/2016	3463.7	0.0
10/2016	3410.6	0.0
11/2016	3358.3	0.0
12/2016	3306.8	0.0
01/2017	3256.1	0.0

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LOCATION	S11 T30N R8W	
MONTH FINALED	1/98	
DECLINE RATE	0.1855	0.1855
Production Months - (Begin with the Month following the Month Finaled)	GAS	OIL
	' Prod. MCF/Month	' Prod. BBL/Month
02/2017	3206.1	0.0
03/2017	3156.9	0.0
04/2017	3108.5	0.0
05/2017	3060.8	0.0
06/2017	3013.9	0.0
07/2017	2967.6	0.0
08/2017	2922.1	0.0
09/2017	2877.3	0.0
10/2017	2833.2	0.0
11/2017	2789.7	0.0
12/2017	2746.9	0.0
01/2018	2704.8	0.0
02/2018	2663.3	0.0
03/2018	2622.4	0.0
04/2018	2582.2	0.0
05/2018	2542.6	0.0
06/2018	2503.6	0.0
07/2018	2465.2	0.0
08/2018	2427.4	0.0
09/2018	2390.1	0.0
10/2018	2353.5	0.0
11/2018	2317.4	0.0
12/2018	2281.8	0.0
01/2019	2246.8	0.0
02/2019	2212.4	0.0
03/2019	2178.4	0.0
04/2019	2145.0	0.0
05/2019	2112.1	0.0
06/2019	2079.7	0.0
07/2019	2047.8	0.0
08/2019	2016.4	0.0
09/2019	1985.5	0.0
10/2019	1955.0	0.0
11/2019	1925.0	0.0
12/2019	1895.5	0.0
01/2020	1866.4	0.0
02/2020	1837.8	0.0
03/2020	1809.6	0.0

