

District I - (505) 393-6161
1625 N. French Dr
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 - (505) 827-7131

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
Revised 06/99

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

RECEIVED
OCT - 1 1999
OIL CON. DIV.
DIST. 8

I. Operator and Well

Operator name & address Amoco Production Company P.O. Box 3092 Houston, TX 77253						OGRID Number 000778		
Contact Party Mary Corley						Phone 281-366-4491		
Property Name Jacques				Well Number 2		API Number 30-045-09095		
UL A	Section 25	Township 30N	Range 9W	Feet From The 830'	North/South Line North	Feet From The 800'	East/West Line East	County San Juan

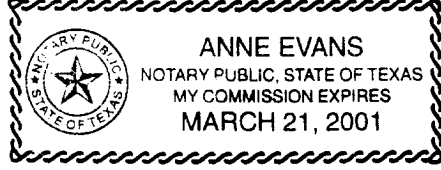
II. Workover

Date Workover Commenced: October 19 1998	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: November 14 1998	

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of <u>Texas</u>)		
) ss.		
County of <u>Harris</u>)		
<u>Mary Corley</u> , 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 reasonably available for this Well.		
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.		
Signature <u>Mary Corley</u>		Title <u>Sr. Business Analyst</u> Date <u>September 30 1999</u>
SUBSCRIBED AND SWORN TO before me this <u>30</u> day of <u>September</u> , <u>1999</u>		
<u>Anne Evans</u> Notary Public		
My Commission expires: <u>March 21 2001</u>		

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 11/14/98.

Signature District Supervisor <u>328</u>	OCD District <u>3</u>	Date <u>10/27/99</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: _____

DISTRICT I

P.O. Box 1980, Hobbs, NM

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Revised 1-1-89

WELL API NO.

3004509095

5. Indicate Type of Lease

STATE ☐FEE ☒

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

1093 Jacques

8. Well No.

#2

9. Pool name or Wildcat

Blanco Mesaverde

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

AMOCO PRODUCTION COMPANY

Attention

Gail M. Jefferson

P.O. Box 800

Denver

Colorado

80201 (303) 830-6157

4. Well Location

Unit Letter

A

830

Feet From The

NORTH

Line and

800

Feet From The

EAST

Line

Sectio

25

Township

30N

Rang

9W

NMPM

SAN JUAN

County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

5593'

Check Appropriate Box to Indicate Nature of Notice Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐TEMPORARILY ABANDON ☐CHANGE PLANS ☐PULL OR ALTER CASING ☐REMEDIAL WORK ☐ALTERING CASING ☐COMMENCE DRILLING OPNS. ☐PLUG AND ABANDONMENT ☐CASING TEST AND CEMENT JOB ☐OTHER: Reperf and Frac ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed

Amoco Production Company has reperf'd and frac'd this well per the following.

MIRUSU 10/19/98. NDWH, NUBOP, TOH. LD short 20 ft tbg string. Finished pulling. PU frac string/pkr-RU Dowell frac. Frac from 4552'-4730' with 120,466# 16/30 Arizona sand. Run CBL from 3900' to 4490' to verify good isolation for perf and frac. Found to be good in interval. RU and set CIBP at 4490'. Pressure tested to 1000#, held okay.

Perforated at 4464', 4442', 4439', 4434', 4412', 4408', 4404', 4396', 4392', 4360', 4356', 4351', 4347', 4300', 4296', 4292' with 1 jsfp, .330 inch diameter, total 13 shots fired. TIH with frac string, set pkr at 4250'. Tried to breakdown formation. Pressured to 5900# and broke to 0#. TIH to check plug. Still could not pressure test, tested tbg and was okay. Tried to spot sand on BP, still no test. TOH with pkr. TIH with pkr, test plug would not hold. TOH RU and set another plug at 4230'. No test, unable to get a test on any plug.

PU TIH with bit and PU 2-3/8" tbg. Drill plug at 4230'. TI and drill plug at 4478'. Drill plug to 4500' and TIH and clean out sand from 4460' to 4774'. Drilling on something hard at 4774'. PU and flow well. TIH tag fill at 4734'. Clean out to 4774'. PU and flow. Flow well on watchman for 12 hrs, recovered 10 bbls and 1556 mcf on 32/64" choke. FCP 340#, FTP 240#.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE *Gail M. Jefferson*

TITLE

Sr. Admin. Staff Asst.

DATE

11-30-1998

TYPE OR PRINT NAME

Gail M. Jefferson

TELEPHONE NO.

(303) 830-6157

(This space for State

APPROVED BY

ORIGINAL SIGNED BY JIMIE BUSCH

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. 81

DATE

DEC 4 1998

CONDITIONS OF APPROVAL, IF ANY:

Contr'd
Jacques #2 - Reperf and Frac Subsequent
November 30, 1998

Cleanout fill from 4734' to 4774'. Flow test Pt. Lookout over weekend. Recovered 10 bbls wtr, 1377 mcf on 48/64" choke for 60 hrs. FCP 290#, FTP 80#.

Set BP at 4545', set pkr at 4214' and test casing. Held okay.

Spot 11 bbls acid and break down Menefee from 4292'-4464'. Formation broke at 4000#. TIH with pkr and knock balls off perfs.

Frac Menefee 2nd stage with 54,349# 16/30 Arizona Sand. RU flow lines to flow back. Flowed on 1/2" choke for 6 hrs and 3/4" choke for 6 hrs. Recovered 100 bbls wtr overnight.

TOH LD frac string to next setting depth. RU and set CIBP at 4230'.

TIH test CIBP to 1000#. Tested okay. TOH, TIH with pkr and tapered frac string. RU and frac from 4022'-4039' with 108,735# 16/30 Arizona sand. RU to flow back. Flow well for after frac cleanup. Started with 1/4" choke then 1/2" then 3/4". Flowed for 60 hrs recovered 210 bbls wtr. TOH with frac string and pkr. TIH with pkr set to chg wellhead. Tested okay. Released pkr and SI well.

TIH mill and cleanout sand and CIBP. TIH and clean out sand and next BP. TIH and clean out to PBD of 4786'. PU and flow well for tst. Flow test all zones on 3/4" choke for 18 hrs, recovered no water, 1594 mcf. FCP 330#, FTP 95#.

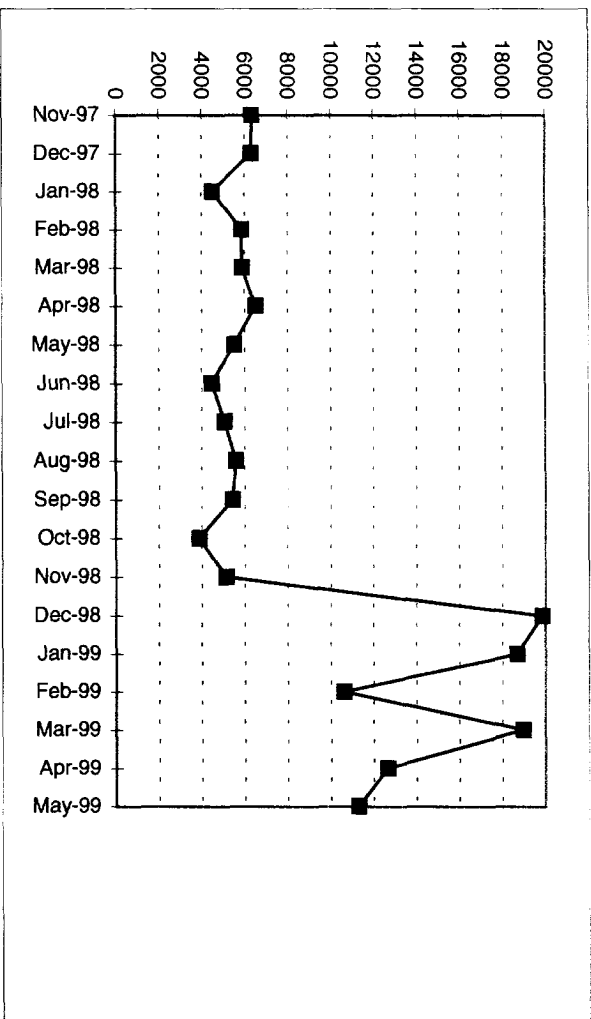
TIH with production tbg and land at 4702'. NDBOP, NUWH, Release rig 11/14/98.

Jacques 2
Blanco Mesaverde
API 30-045-09095
FLAC # 979550-01
LOCATION S25 T30N R9W
ADDED PAY & FRAC
COMPLETED 11/14/98

PRODUCTION TABLE

Nov-97	6359
Dec-97	6315
Jan-98	4506
Feb-98	5863
Mar-98	5901
Apr-98	6512
May-98	5522
Jun-98	4464
Jul-98	5063
Aug-98	5599
Sep-98	5425
Oct-98	3889
Nov-98	5130
Dec-98	19857
Jan-99	18685
Feb-99	10622
Mar-99	18977
Apr-99	12653
May-99	11296

PRODUCTION CURVE



ADDED PAY & FRAC'D

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