

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

Form C-103

Revised 1-1-89

OIL CONSERVATION DIVISION

1000 BRAZOS RD.
AZTEC, NM 87410

Submit 3 copies to
Appropriate District Office

DISTRICT 1
P O Box 1980, Hobbs, NM 88240
DISTRICT 2
P O Drawer DD, Artesia, NM 88210
DISTRICT 3
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO 30-039-24361

5. Indicate Type of Lease STATE ☒ FEEC

6. State Oil & Gas Lease No. E-289-41

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)

7. Lease Name or Unit Agreement Name

ROSA UNIT

RECEIVED

APR 13 1998

OIL CON. DIV.
DIST. 3

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

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

8. Well No.
239

3. Address of Operator
P O BOX 3102, TULSA, OK 74101

9. Pool Name or Wildcat
BASIN FRUITLAND COAL

4. Well Location
Unit Letter N : 835 Feet From The SOUTH Line and 2510 Feet From The WEST Line
Section 2 Township 31N Range 6W NMPM RIO ARRIBA COUNTY

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6346' GR

CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENTION TO

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK
TEMPORARILY ABANDON
PULL OR ALTER CASING

PLUG AND ABANDON
CHANGE PLANS
OTHER

REMEDIAL WORK
COMMENCE DRILLING OPERATIONS
CASING TEST AND CEMENT JOB

ALTERING CASING
PLUG AND ABANDONMENT
OTHER Fracture Stimulate Perforation

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

4-01-1998 MOL and RU. Spot all equipment. Fill two 400 BBL tanks. Pressure on csg = 1500#. Pressure on tbg = 300#. Blew well down slowly. Kill tbg with 10 BBls. NU BOP. Lay blooie lines. Secure location. SDON.

4-02-1998 RIH with 3 jts and 10'. Tally out. Tally showed bottom at 3186'. TIH with mill to clean casing. TOH. TIH with 4-1/2" RBP and set at 2900'. Repair one small leak in BOP. Test BOP and casing to 3300# for 15 min, held OK. Release RBP and TOH. Rig up flow back manifold, stake down line, fence pit. SDON

4-03-1998 Rig up BJ. Pressure test lines. Frac well with 87,980# 20/40 Arizona sand in 20# x-linked 65 quality N2 foam. Well treated tight. 12 BPM @ 3340# initially. Gradually increased rate to 40.5 BPM @ 3400#. All sand flushed to top perforation. Min TP = 2610#, Max TP = 3300#. ATP = 2780#. Min IR = 11 BPM. Max IR = 40.5, AIR = 36 BPM. ISIP = 1500. Open well through 1/8" choke. Pressure dropped to 340#. Secure location and turned over to nightwatch.

4-04-1998 Well flowing, making little water & nitrogen. Open to full 2". RIH w/ tbg. to liner top. Unload w/ compressor. RIH & tag fill - 10'. Clean out to PBTD w/ compressor. Making little sand. Ran sweep & pull up to 3000'. Turn over to night watch. Secure location.

4-05-1998 Start rig, RIH & tag 8' of sand fill. Clean out w/ compressor. Well quit making sand. Ran sweep to clean up. Pull up & land tbg. Pitot gauge 1# through 1" line = 154 mcf/d. Tubing: 3068' + 12' (KB): tubing landed @ 3080'. RD & start moving to Rosa #125.

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

SIGNATURE Susan Griguhn TITLE CLERK

DATE April 6, 1998

TYPE OR PRINT NAME SUSAN GRIGUHN

TELEPHONE NO. (918) 561-6254

(This space for State Use)
APPROVED BY

Johnny Robinson

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. 3

DATE APR 13 1998

ROSA UNIT #239

BASIN FRUITLAND COAL

835' FSL 2510' FWL
SE/4 SW/4 SEC 2N T31N R6W
Ria Arriba Co, NM

Elevation: 6230' GR
KB 12'

Drilled in 1990

Ojo Alamo 2400'
Kirtland 2495'
Fruitland 2930'
Pictured Cliffs 3154'
Top of Coal 3073'
Bottom of Coal 3153'

Stimulated 4-3-1998
Frac with 87,980# 20/40
Arizona sand in 20#
X-linked 65 quality N2
foam.

Perforations

3075' - 3078'

3081' - 3090'

3144' - 3153'

12 jts 9-5/8", 36#, K-55 @ 522'

98 jts of 2-3/8", 4.7#, EUE tbg with
notched collar on bottom and SN 1 jt up.
Landed @ 3080'

Liner top @ 2844'

70 jts 7", 20#, K-55 @ 3030'

8 jts 4-1/2", 10.5#, J-55 @ 2844' - 3189'

PBTD @ 3180'

TD @ 3186'

HOLE SIZE	CASING	CEMENT	TOP OF CMT
12-1/4"	9-5/8" 36#	400 sx	SURFACE
8-3/4"	7" 20#	640 sx	SURFACE
6-1/4"	5-1/2" 15.5#	55 sx	2844'