

In Lieu of
Form 3160
(June 1990)

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICE AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

Lease Designation and Serial No.
SF-078770

If Indian, Allottee or Tribe Name

If Unit or CA, Agreement Designation
ROSA UNIT

Well Name and No.
ROSA UNIT #258

API Well No.
30-039-24646

Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

County or Parish, State
RIO ARRIBA, NM

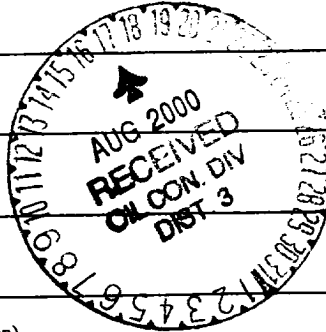
SUBMIT IN TRIPLICATE

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

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
790' FSL and 865' FWL SW/4 SW/4 SEC 22-31N-05W



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

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other Cavitation Complete

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 subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

07-07-2000 MIRU, blow well down. NDWH, NUBOP stack & HCRs. NU blooie lines, pres test BOPs. Pooh laying down w/107 jts 2 3/8" tbg. Tally in w/ret tool, 10 4 3/4" DC's & 95 jts 3 1/2" DP. Screw into hanger @ 3204' & work free. TOOH w/4 jts 5 1/2" liner, LD same. CO to run 3 1/2" DP. TIH w/Baker underreamer. RU power swivel

07-08-2000 RU power swivel. Break circ w/20 bph air/soap mist. Underream f/3250'- 3374'. Circ clean. TOOH w/UR, LD same. TIH w/6 1/4" bit & tag 3' of fill. CO to TD. Blow w/air only, PU bit to 3230'. 4 hr natural si = 400 psi. Tag 1' fill & CO. Blow well w/air only, bucket test = 21.5 bph, PU bit to 3230'. Break over w/air only @ 780 psi, ret's gas/air mist w/trace coal. Surge f/3230'(energized) to 700 psi, It ret's

07-09-2000 Flow natural. Surge f/3230' (3 times) w/air only to 400 psi, pump 5 bph air/soap mist to 700 psi, It ret's = gas/air mist w/trace coal. Natural surge, 2 hr si = 360 psi, ret's gas mist. Surge f/3230' (3 times) same as above w/same results. Natural surge, 2 hr si = 385 psi, ret's gas mist. Surge f/3230' (2 times) same as before w/same results

Continued on back

14. I hereby certify that the foregoing is true and correct

Signed Tracy Ross
TRACY ROSS

Title Production Analyst Date July 31, 2000

(This space for Federal or State office use)

Approved by _____

Title _____ Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 14 2000

Title 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.

07-10-2000 TIH & tag 1' of fill. Surge from 3356' (3 times energized) to 800 psi, ret's lite to trace of coal. Blow well w/air only. TOOH w/bit. Break over w/air only @ 800 psi, ret's lite fine coal. Flow natural, ret's 2" stream clear prod water. Gauge well on 2" open line, all gauges dry & avg 514 mcf. Flow natural. Break over w/air only @ 880 psi, ret's lt. Flow natural. Q = 514 mcf

07-11-2000 Flow natural. Surge f/surface 4 times (energized) @ 780 – 880 psi, ret's trace coal. Flow natural, ret's 2" stream clear formation wtr. Natural surge, 4 hr si = 440 psi, ret's gas mist. SI for 4 hr natural surge

07-12-2000 Natural surge (4 times) 1st 4 hr si = 430 psi. 2nd = 390 psi, 3rd = 400 psi, 4th = 400 psi, ret's heavy formation water carrying lite fine coal. Flow natural each surge. Shut in f/air only breakover

07-13-2000 Surge w/air only @ 940 psi, (4 .25 hr build up) ret's lite fine coal dust. Surge f/surface 3 times (energized) 2 times to 1020 psi, ret's lite fine coal, 1 time to 900 psi, ret's med-heavy ret's = fine to ¼" size coal. Natural surge, 4 hr si = 440 psi, ret's heavy water. Flow natural, well loading up & unloading on own

07-14-2000 Surge f/surface (energized to 1180 psi, med ret's = 100% coffee ground size coal. TIH & tag 3' of fill. CO on bottom w/10 bph air/soap mist. Blow well w/air only 2 hrs, bucket test = 18 bph. PU bit to 3230'. Flow natural, gauge well on 2" open line, all gauges heavy mist & avg 617 mcf. Natural surge, 4 hr si = 405 psi, ret's heavy water. TIH & CO on bottom. Surge f/3339' (2 times) w/air only to 880 psi, ret's lite-med fine coal. Q = 617 mcf

07-15-2000 4 hr natural pressure build, 1 hr-340 psi, 2 hr-400 psi, 3 hr-440 psi, 4 hr-460 psi, surge well, lite coal fines increasing to med fines after 1 hr flow, TIH, tag 3' fill, CO @ TD, returns-lite coal fines, dry well, well making 432 bbl water per day, LD 6 jts DP, Surge 4 times, 1st-air mist to 860 psi, returns-lite coal fines, 2nd-4th-alternate air and 10 bbl water slugs w/ 1 gal soap, pressure to 1060 psi, returns-lite coal fines and water

07-16-2000 Surge to 875 psi and release, returns-coal fines and water, two hr SI-440 psi, release, TIH, CO @ TD, returns-coal fines in gray water, surge 4 times w/ air and 10 bbl water slugs each ½ hr, build time 3 hrs, pressures-1020, 1020, 1080, 1240 psi, returns-coal fines in dark gray water

07-17-2000 Surge 5 times w/ air and 10 bbl water slugs each ½ hr and 1 natural surge, pressures-1180, 1080, 900, 380(2 hr natural), 910 & 900 psi, returns-gas, air and coal dust in gray water

07-18-2000 CO @ TD, returns-lite fines in gray water, dry well, flow test, too wet to gauge, surge 3 times w/ air and 10 bbl water slugs, pressures-880 psi, returns-med coal to fines in gray water

07-19-2000 Surge 5 times w/ air and 40 bbl water 920 psi, returns-lite to med 1/16" coal in black to gray water

07-20-2000 Surge 3 times w/ air and water to 1040 psi, returns-lite to med coal and water, TIH, tag 3' fill, dry well, pitot test on 2" line, 2 psi w/ heavy mist - 869 mcf (inflated value due to heavy mist), pressure up w/ air to surge

07-21-2000 Surge 6 times w/ air and water to 1280 psi, returns-med coal and water

07-22-2000 Surge 6 times, 5 w/ air and mist, pressures-1100, 820, 800, 800 & 920, 1 3-hr natural to 440 psi, returns-med to heavy coal and water

07-23-2000 Surge 1 time to 1020 psi, returns-lite to med coal. TIH, tag 6' fill, CO @ TD-3373', returns-heavy ¼" coal and shale (95/05) to fines in black to dark gray water. Dry well for pitot test

07-24-2000 Dry well, pitot test through 2" line - 539 mcf, water rate - 144 bwpd. COOH to DC's, surge 9 times w/ air and water to 1400 psi, returns-heavy coal and water

07-25-2000 Flow back after surge, well bridged off, TIH, tag bridge @ 745', CO bridges to open hole, returns-up to 1" coal and shale, CO open hole to 3339' w/ 1800 scf air and 10 bph mist, returns-heavy 1/4" coal and shale (95/05) to fines in black water

07-26-2000 CO to TD 3373' w/ 1800 scf air and 10 bph mist w/ 5 bbl water sweeps hourly, returns-heavy 1/8" coal and shale (90/10) to fines in black to dark gray water reducing to lite coal in gray water, dry well, LD 6 jts DP

07-27-2000 Pitot test through 2" line - 1065 mcf, COOH to DC's, surge 7 times w/ air and water to 1000 psi, returns-heavy coal, coal fines and water, TIH, tag @ 3348', CO @ TD, returns-1/4" coal and shale (90/10) to fines in black water. Ran 5 jts (238.89') 5 ½" 17# N-80 8rd casing w/ LA set shoe on bottom @ 3368' and TIW liner hanger @ 3128'

07-28-2000 CO @ TD-3373', returns-med reducing to lite 1/16" coal in gray water. Dry well, LD 5 jts DP. Pitot test - 539 mcf. COOH, LD DC's, run liner, wash liner 45', liner became stuck 6' off bottom, LD DP. Perforate w/ Blue Jet the Fruitland Coal w/ 4 SPF, 0.75" diameter holes, 3250'-3256', 3288'-3290', 3308'-3332', 3334'-3367', PU 2 3/8" tubing

07-29-2000 PU tubing and land, ran 106 jts (3316.06') 2 3/8" 4.7# J-55 EUE 8rd tubing set @ 3328.06' w/ expendable check on bottom and 1.81" ID F nipple @ 3295', ND BOP, NU WH, pump off expendable check, release rig @ 0600 hrs 7/29/00