

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

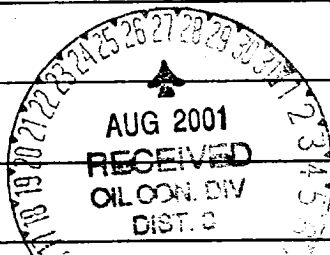
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

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

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)  
2120' FNL & 2015' FEL, SW/4 NE/4 SEC 19-31N-4W



5. Lease Designation and Serial No.  
SF-078889
6. If Indian, Allottee or Tribe Name
7. If Unit or CA, Agreement Designation  
ROSA UNIT
8. Well Name and No.  
ROSA UNIT #354
9. API Well No.  
30-039-26412
10. Field and Pool, or Exploratory Area  
BASIN FRUITLAND COAL
11. County or Parish, State  
RIO ARRIBA, NM

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

TYPE OF SUBMISSION

- Notice of Intent
- ☒ Subsequent Report
- Final Abandonment

TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- ☒ Other COMPLETION OPERATIONS

- 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.)\*

04-30-2001 MIRU, test BOP & vales w/ 3<sup>rd</sup> party test unit 250# low, 2500# high

05-01-2001 Test BOP & all vales, 250# low, 2500# high. PU bit, csg scraper, 18 DC's, BHA - 556.12'. Strap & PU 83 jts 3.5" DP (3115'). PU power swivel. Blow well down, clean out to 3189'. Blow well w/ air & mist 1700 cfm, 15 bbls/hr. Run 15 bbl sweep. Hang swivel, LD 2 jts DP, TOO. WO stripping head nut. RU wireline truck. Run 7" gauge ring - 6.25" OD, tagged top of fish @ 3189'. Circulate & condition, TOO. Run & set CIBP. Top of plug @ 3183'. MU whipstock, TIH to 3115'. Run survey tool & seat. Orientated whipstock. Set whipstock @ 3183'. Wellbore survey - Inc 6.89 N358.04W. Whipstock tool face survey - N1.31E. Whipstock set OK. TOO. w/ survey tool

05-02-2001 PU swivel, tag up, break circulation. Mill csg from 3166' to 3168'. Top of window @ 3166'. TOO. w/ mill. PU window mill & watermelon mill, TIH. Milling w/ 1800 cfm air & 12 bbls per hr mist. Blow well, TOO. LD mills & load out. TIH, break circulation. Drilling from 3178' to 3389' w/ 1800 cfm air & 12 bbls mist per hr

05-03-2001 Drilling from 3389' to 3436' (TD) LD 10 JTS, WO liner hanger, TIH tag bottom, no fill. TOO. for liner. RU csg crew, CO rams, run 5 1/2" liner, set @ 3436', cmt liner, WOC.

Continued on reverse side

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

Signed Tracy Ross

Title Production Analyst

Date June 25, 2001

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date FOR RECOR

Conditions of approval, if any:

05-04-2001 WOC, TIH & LD 4-3/4" DC's, PU 3-1/2" DC's & TIH to 3076'. TIH to 3138', unload hole w/ 1400 cfm air. Drilling cmt & shoe. Drilling from 3436' to 3525' w/ 1800 cfm air & 12 BPH mist. TD 4-3/4" hole @ 1930 hrs 5/3/01. Blow well & pump 5 bbls H2O sweeps. Hang swivel & TOOH for under reamer. PU under reamer & TIH. Open under reamer @ 3441', Under ream & open hole to 8-1/2" from 3441' to 3525' w/ 1800 cfm air & 12 BPH mist, TOOH

05-05-2001 TOOH, LD tools. TIH to top of shoe. Shut in for natural build, final pressure 300 psi. TIH, tag bottom. Wash & ream w/ 1800 cfm air w/ 10 bbls per hr mist & H2O sweeps. LD 15 jts DP, shut pipe rams

05-06-2001 Surge 1 time W/ 1800cfm & 12 bbls/hr mist. Start pressure 0#, end pressure 1500# in 2hrs, returns: water. Surge 2 times w/ 1800cfm & 12 bbls mist. Surge 2 times, start pressure 0#, end pressure 1500# in 1hr 40mins, returns: H2O & coal dust. Surge 2 times, start pressure 0#, end pressure 1500# in 1hr, 15 mins, returns: H2O & coal dust. Surge 2 times w/ 1800 cfm & 12 bbls mist. Surge 1 time, start pressure 500#, end pressure 1500# in 1hr, 5mins, returns: H2O & coal dust. Surge 2 times, start pressure 500#, end pressure 1500# in 1hr, 10mins, returns: H2O & coal dust to 1/4" pieces. Surge 2 times w/ 1800 cfm & 12 bbls mist. Start pressure 500#, end pressure 1500# in 1hr, 10mins. returns: H2O & coal fine-med returns med. Surge 2 times w/ 1800 cfm & 12 bbls mist. Start pressure 500#, end pressure 1500# in 30mins, returns: H2O & coal fine to med-heavy returns. Surge #2, start pressure 500#, end pressure 1500# in 1hr, 20mins, returns: H2O & coal fine to med-heavy returns. CO well w/ 1800 cfm & 12 bbls/hr mist including soap. Wash and clean from 3292' to 3500'. Heavy returns: coal fine to 1/4" pieces

05-07-2001 R & R from 3500' to 3525' w/ 1800 cfm, 12 bbls/hr H2O/soap mist. Heavy returns coal, coal dust in H2O very viscous, fines to 1/4" pieces. LD 1 jt DP, hole tight & packing off. R & R from 3490' to 3504' w/ 1800 cfm, 12 bbls H2O/soap mist. Blow well dry, LD 15jts CP. Pitot test - 121 mcfd. Cut 400' drilling line while running test. Shut well in for natural build up, final pressure 320#. Surge 2 times w/ 1800cfm & 12 bbls mist. Start pressure - 0#, end pressure - 1475# in 2 hrs. Returns: coal dust in H2O very viscous, fines to 1/2" pieces. Surge #2: start pressure - 0#, end pressure - 1475# in 2 hrs. Returns: coal dust in H2O very viscous, fines to 1/2" pieces

05-08-2001 Surge 3 times W/ 1800 cfm & 12 bbls mist. Surge 1 - start pressure 0#, end pressure 1475# in 2 hrs. Returns: coal dust in H2O very viscous, fines to 1/2" pieces. Surge #2 - start pressure 550#, end pressure 1500# in 1 hr. Returns: coal dust in H2O, fines to 1/2" pieces. Surge #3 - start pressure 500#, end pressure 1500# in 1 hr. Returns: coal dust in H2O, fines to 1/2" pieces. TIH to CO well. CO bridges @ 3076', 3333' & 3420'. CO from 3445' to 3478' w/1800 cfm, 12 bbls/hr mist (H2O & soap) heavy returns coal, fines to 1/4" pieces. CO from 3478' to 3500' w/1800 cfm, 12 bbls/hr mist (H2O & soap) heavy returns coal, fines to 1/4" pieces. LD 1jt, tight & packing off

9-09-2000 CO @ TD-3285', returns-heavy reducing to lite 1/16" coal and shale (90/10) to fines in gray water. Dry well, flow test - 152 mcfd. Surge 11 times w/ air and water to 1800 psi, returns-lite to heavy coal and water

05-09-2001 CO from 3445' to 3505' w/ 1800 cfm air, 12-14 bbls/hr mist (H2O & soap) & H2O sweeps. PU & LD 2 jts DP, heavy coal returns, hole tight

05-10-2001 CO from 3445' to 3505' 1800cfm air, 12-16 bbls/hr mist (H2O & soap) & H2O sweeps, heavy coal returns, hole tight

05-11-2001 CO from 3445' to 3505' 1800cfm air, 8-16 bbls/hr mist (H2O & soap) & H2O sweeps, heavy coal returns, blow & dry well, LD 7 jts. DP. Pitot test - 1304 mcfd. PU DP, tag @ 3504', LD 1 jt DP, hole tight & packing off. CO hole from 3450' to 3504'

05-12-2001 CO from 3484' to 3510' 1800 cfm air, 10-12 bbls/hr mist (H2O & soap) & H2O sweeps, med to light coal returns. Blow & dry well, LD 15 jts DP. Pitot test: 869 mcfd, shut in 2 hrs for natural build-up, surge 4 times w/ 1800 cfm & 12 bbls/hr mist. Q = 869 mcfd

05-13-2001 Surge 4 times w/ 1800 cfm & 12 bbls/hr mist, WP parts & repair booster on air compressor. PU DP, tag @ 3460', CO from 3460' to 3474' w/ 1800 cfm, 12 bbls/hr mist & H2O sweeps. Very heavy coal returns

05-14-2001 CO from 3440' to 3474' w/1800CFM, 12 bbls/hr mist & H2O sweeps. Very heavy returns. Coal 85% - shale 15%.

05-15-2001 CO from 3440' to 3515' w/1800cfm, 10 - 12bbls/hr mist & H2O sweeps. Very heavy returns. Coal 90% - shale 10%. Hole tight & packing off

05-16-2001 CO from 3465' to 3504' w/1800CFM, 10 - 12 bbls/hr msit & H2O sweeps. Very heavy returns. Coal 80% - shale 20%. Hole tight & packing off

05-17-2001 CO from 3465' to 3515' w/1800cfm, 5 - 12bbls/hr mist & H2O sweeps. Very heavy returns. Coal 80% - shale 20%. Hole tight & packing off

05-18-2001 Co from 3465' to 3515' w/1800cfm, 5 - 12bbls/hr mist & h2o sweeps. l/d 15 jts d.p., toh, tih w/ bit#3, tag @ 3464', c/o f/3465' t/3515' w/1800cfm, 5 - 10bbls/hr mist.

05-19-2001 CO from 3474' to 3515' w/1800cfm, 5 - 10bbls/hr mist. l/d 1 jt d.p. hole tight, packing off, & stalling power swivel, c/o f/3464' t/3505' w/1800cfm, 5 - 10bbls/hr mist.

05-20-2001 CO from 3504' to 3520' w/1800cfm, 10bbls/hr mist. repair air compressor, c/o f/3510' t/3525' w/1800cfm, 10bbls/hr mist.

05-21-2001 CO from 3510' to 3525' w/1800cfm, 10bbls/hr mist. very heavy returns. coal 90% - shale 10%

05-22-2001 CO from 3504' to 3525' w/1800cfm, 10-12bbls/hr mist. very heavy returns. coal 90% - shale 10%

05-23-2001 CO from 3504' to 3525' w/1800cfm, 10-12bbls/hr mist. very heavy returns. coal 90% - shale 10%, dry well, l/d 5 jts d.p., pitot test – 1.150 mcf/d, tih hit bridge @ 3474' tag fill @ 3500' c/o f/3500' t/3515' w/1800cfm, 10-12bbls/hr mist. very heavy returns. coal 90% - shale 10%, very firm f/3510' t/3515'

05-24-2001 CO from 3504' to 3525' w/1800cfm, 10-12bbls/hr mist. very heavy returns. coal 90% - shale 10%, dry well, l/d 14 jts d.p., pitot test – 1150 mcf/d, toh, l/d 3 ½" d.c., w/o inspectors, inspect 3 ½" d.c. & subs-3 d.c. defective & b/s defective, p/u bit, b/s, 16-3 ½" d.c., tih, p/u swivel tag @ 3515', p/u to 3514' c/o f/3504' t/3514' w/1800cfm, 10-12bbls/hr mist. med. returns. coal 90% - shale 10%,

05-25-2001 CO from 3504' to 3514' w/1800cfm, 10-12bbls/hr mist. med. returns. coal 90% - shale 10%, dry well, l/d 5 jts d.p., flow well natural, tih, tag @ 3460'. c/o f/3460' t/3514' w/1800cfm, 10-12bbls/hr mist. heavy returns. coal 95% - shale 5%.

05-26-2001 CO from 3504' to 3514' w/1800CFM, 10-12 bbls/hr mist, med returns. Coal 90% - shale 10%. Dry well, LD 5 jts DP. Flow well natural, TIH, tag @ 3456'. CO from 3456' to 3514' w/1800CFM, 10-12 bbls/hr mist, heavy returns. Coal 95% - shale 5%. Returns slowed to med. Dry well, LD 5 jts DP. Pitot test – 1065 mcf/d. Flow well natural

05-27-2001 Flow well natural, tih, tag @ 3432'. co from 3432' to 3514' w/1800cfm, 10-12 bbls/hr mist, heavy returns. coal 95% - shale 5%. returns slowed to med, dry well, ld 5 jts cp. flow well natural. tih, tag @ 3464'. co from 3464' to 3504' w/1800cfm, 10-12 bbls/hr msit. very heavy returns. coal 95% - shale 5%

05-28-2001 CO from 3432' to 3514' w/1800cfm, 10-12bbls/hr mist. heavy returns. coal 95% - shale 5%. returns slowed to med., dry well, l/d 5 jts d.p., flow well natural. tih, tag @ 3464', c/o f/3464' t/3504' w/1800cfm, 10-12bbls/hr mist. very heavy returns. coal 95% - shale 5%

05-29-2001 CO from 3432' to 3514' w/1800cfm, 10-12bbls/hr mist. heavy returns. coal 95% - shale 5%. returns slowed to med., dry well, l/d 5 jts d.p., flow well natural. tih, tag @ 3465', c/o f/3465' t/3504' w/1800cfm, 10-12bbls/hr mist. very heavy returns. coal 95% - shale 5%. toh bit plugged, tih tag @ 3445' c/o f/3445' t/34744' w/1800cfm, 10-12bbls/hr mist. heavy returns. coal 95% - shale 5%. toh bit plugged, check and clean mist pit & mud pit

05-30-2001 Check kelly hose & hoses on air package for interior wear, check d.p. some losing plastic coating, tih tag @ 3432' c/o f/3432' t/3514' w/1800cfm, 10-12bbls/hr mist. heavy returns. coal 95% - shale 5%. returns slowed to med. l/d 3 jts d.p. p/u 1 jt d.p. t @ 3465' ream bridge, c/o f/3465' t/3514' w/1800cfm, 10-12 bbls/hr mist very heavy returns. coal 90% - shale 10%

05-31-2001 CO from 3465' to 3514' w/1800cfm, 10-12bbls/hr mist. heavy returns. coal 95% - shale 5%. returns slowed to med. l/d 5 jts d.p. dry well, flow well natural, p/u 4 jt d.p. tag @ 3510', c/o f/3504' t/3514' w/1800cfm, 10-12 bbls/hr mist med. to light returns. coal 90% - shale 10%, dry well, TOOH for liner.

06-01-2001 TOH, CO rams, WO liner hanger, RU csg crew & PU liner. RD csg crew, TIH w/ liner, tag @ 3516', blow well, hang liner @ 3515'. LD 3 ½" DP & 3 ½" DC. CO rams & RU to run tbg. PU fluted mill, 6 jts 2-1/16" tbg – 1071 jts 2-3/8" tbg, mill out perf plugs to 3511', TOOH w/ mill

06-02-2001 Run tubing as follows: 1-Expendable check .66', 1-Jt. 2 1/16" tubing 31.18', 1-F nipple .84', 5 Jts. 2 1/16" tubing 156.08', 1- X/O .40', 107-Jts. 2 3/8" tubing 3307.52'. Total length – 3496.68'. RD Tongs & land doughnut. ND BOP's and drop ball pump thru @ 800#. RD, release rig @ 06:00 6/2/01

**LINER INFORMATION**  
**ROSA UNIT #354**  
**SUPPLIMENT TO COMPLEITON REPORT**  
**FILED 06/25/01**

1<sup>st</sup> liner: 7 jts 5 ½", 17# N-80 set @ 3436, top of liner @ 3119'. Cement liner as follows: lead w/ 10 bbls H2O, 50 sks Type III cmt, 14.5 ppg, yield 1.39, displace w. 30.4 bbls H2O. Plug down @ 0128 hrs, 5/3/01. Bumped plug w/ 1220#, held OK. Circulate out 7 bbls excess cmt.

2<sup>nd</sup> liner: 3 ½" liner @ 3515', top of liner @ 3333', did not cmt

*Nancy Ross*  
8-22-01