

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

1000 BRAZOS RD.
AZTEC, NM 87410

Form C-103

Revised 1-1-89

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 <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-289-41

<p style="text-align: center;">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)</p>		<p>7. Lease Name or Unit Agreement Name</p> <p style="text-align: center;">ROSA UNIT</p>	
<p>1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/></p>		<div style="border: 2px solid black; padding: 10px; display: inline-block;"> <p style="font-size: 2em; margin: 0;">RECEIVED</p> <p style="font-size: 1.2em; margin: 0;">JUN 28 1999</p> <p style="font-size: 0.8em; margin: 0;">OIL CON. DIV.</p> <p style="font-size: 0.8em; margin: 0;">DIST. 3</p> </div>	
<p>2. Name of Operator</p> <p style="text-align: center;">WILLIAMS PRODUCTION COMPANY</p>			
<p>3. Address of Operator</p> <p style="text-align: center;">P O BOX 3102, MS: 37-2, TULSA, OK 74101</p>			
<p>4. Well Location</p> <p>Unit Letter <u>N</u> : <u>835</u> Feet From The <u>SOUTH</u> Line and <u>2510</u> Feet From The <u>WEST</u> Line</p> <p>Section <u>2</u> Township <u>31N</u> Range <u>6W</u> NMPM <u>RIO ARRIBA</u> COUNTY</p>		<p>8. Well No.</p> <p style="text-align: center;">239</p>	
		<p>9. Pool Name or Wildcat</p> <p style="text-align: center;">BASIN FRUITLAND COAL</p>	
		<p>10. Elevation (Show whether DF, RKB, RT, GR, etc.)</p> <p style="text-align: center;">6346' GR</p>	
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	<input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CHANGE PLANS <input checked="" type="checkbox"/> OTHER <u>CAVITATION</u>	<input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> COMMENCE DRILLING OPERATIONS <input type="checkbox"/> CASING TEST AND CEMENT JOBS	<input type="checkbox"/> ALTERING CASING <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> OTHER
<p>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.</p> <p>5-21-1999 Load out equip, road rig to loc. RU rig & spot equip. Blow well down. NDWH, NU BOPs & blooie line. Test BOPs. Unseat donut & TOH w/98 jts 2-3/8" tbg. WL set 4 1/2" CIBP @ 3035'. CO rams. Start in w/6 1/4" mill & DC's</p> <p>5-22-1999 Tag liner hanger @ 2844'. Mill out hanger w/prod wtr f/2844'- 2854' circ clean. TOH w/6 1/4" mill. TIH 5 1/4" mill. Feather/mill on hanger trash f/2854'- 2856'. Mill out 87' of 4 1/2" csg f/2856'- 2943'</p> <p style="text-align: center;">Continued on reverse side</p>			
<p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p>			
SIGNATURE <u>Tracy Ross</u>		TITLE <u>Production Analyst</u>	
TYPE OR PRINT NAME <u>TRACY ROSS</u>		DATE <u>June 23, 1999</u>	
		TELEPHONE NO. <u>918/573-6254</u>	
ORIGINAL SIGNED BY ERNIE BUSCH			
(This space for State Use) APPROVED BY _____ CONDITIONS OF APPROVAL, IF ANY: _____		TITLE <u>DEPUTY OIL & GAS INSPECTOR, DIST. 30</u> DATE <u>JUL 8 1999</u>	

5-23-1999 Mill out csg f/2856'- 3010' & stop making hole. TOH w/spent mill. TIH w/6 ¼" bit & string mill. DO cmt f/2854'- 3010' circ clean. TOH w/ tools. WL set 7" CIBP @ 3008'. TIH w/whipstock & set @ 3008'. Mill window f/2993'. TOH w/starting mill. TIH w/6 ¼" window/string mill. Mill out & dress up window f/2993'- 3002'

5-24-1999 Mill & dress up window, drill 5' of open hole. TOH w/mills. TIH w/6 ¼" bit & stabalizer. Drlg f/3006'- 3059' w/10 bph air/soap mist. Survey @ 3059' = 6 deg. Drlg f/3059'- 3153' TD. Survey @ 3153' = 8 deg. TOH w/bit. TIH w/underreamer. Underream f/3006'- 3133'

5-25-1999 Underream f/3133'- 3153' td. TOH w/underreamer. TIH w/6 ¼" bit. Tag 6' of fill @ 3147'. CO to TD w/10 bph air/soap mist ret's 80% coal & 20% shale. Blow well dry. PU bit to 2990'. SI well for 2 hr natural build up = 25 psi. Surge well f/2990 (6 times) w/3 bph air mist, ret's lt gas & air/soap mist. TIH & tag bridge @ 3068' & CO, tag 25' of fill @ 3128' CO to TD w/5 bph air/soap mist. PU bit to 2990'. Surge well

5-26-1999 Surge well f/2990' (4 times) w/10 bbls ahead & 1700 psi, ret's lt gas & air/soap mist. Tag bridge @ 3070' CO to 3153' w/10bph air/soap mist, run 8 bph sweeps ret's med-hvy coal = dust to 1 ½" in size. Blow dry & PU bit to 3060' (open hole). Surge well f/3060' (5 times) w/10 bbls ahead & 1 gal soap, pres to 1700 psi, flow nat, ret's lt coal gas/air soap mist. Tag 27' of fill & start to CO

5-27-1999 CO f/3126'- 3153' w/10 bph air/soap mist, ret's hvy coal = dust to ½" in size. Blow dry & PU bit to 2990'. Surge well (5 times) w/10 bbls ahead & ½ gal soap, pres up to 1800 psi, 5th surge ret's hvy coal = dust to ¼" size. TIH & tag 126' of fill @ 3027'. CO to td w/10 bph air/soap mist, ret's hvy coal = dust to ½" size. Blow well dry. PU bit inside 7" to 2990'

5-28-1999 Surge well f/2990'(3 times) w/10 bbls ahead & pres @ 1600 psi, 3rd surge ret's hvy coal & bridge off. Tag bridge @ 2992' co to 3153' w/8 bph air/soap mist (coal running) ret's hvy coal = dust to ¼" in size. Blow well f/3153'. PU bit to 2990'. SI f/2 hr natural build up = 265 psi, natural surge. Gauge well on 2" line all gauges dry & avg 156 mcf/d

5-29-1999 Surge well f/2990' (11 energized surges) w/10 bbls ahead & 1 gal soap, pres @ 1400 – 1650 psi. Ret's med – hvy coal = dust to ¼" in size. Flow natural 1 hr after each surge

5-30-1999 Surge well f/2990' (3times) w/10 bbls ahead & 1 gal soap, ret's med-hvy coal. Bridge off after 3rd surge. Tag fill @ 2992'. CO f/2992'- 3121' w/8 bph air/soap mist, ret's hvy coal = dust to ¼" in size (coal running)

5-31-1999 CO f/3121'- 3153' w/5 bph air/soap mist, ret's 80% coal & 20% shale. Bridge off & stick pipe. Work stuck pipe free, lay down 4 jts 3 ½" DP. CO f/3027'- 3090' hvy ret's = 80% coal & 20% shale. Hole tight/sticky @ 3090'

6-01-1999 CO f/3090' w/8 bph air/soap mist, hvy ret's = 80% coal & 20% shale. Make connection & plug bit. TOH w/bit. TIH w/bit & tag bridge @ 3032'. CO f/3032'-3090' w/8 bph air/soap mist. Blow well f/3090' to clean up, hvy ret's = 80% coal & 20% shale

6-02-1999 CO f/3090'- 3121' w/8 bph air/soap mist, ret's hvy coal & hvy shale, start hanging up. LD 2 jts 3 ½" dp. CO f/3059'- 3090' w/10 bph air/soap mist, coal & shale both running

6-03-1999 Blow well f/3090' w/10 bph air/soap mist, hvy ret's = 80% coal & 20% shale. Round trip for bit. Tag bridge @ 3027'. CO f/3027'- 3153' w/4 bph air/soap mist run 5 bbl sweeps, hvy ret's = 90% coal & 10% shale. Blow well f/3153' (td) w/4 bph air/soap mist

6-04-1999 Blow well from TD w/6 bph air/soap mist, hvy ret's = 95% coal & 5% shale. Blow well dry. PU bit to 3080 & flow natural. SI well for 4 hr, nat build up = 345 psi, natural surge & flow 1 hr

6-05-1999 Surge nat 4 hr shut in = 360 psi, ret's lt coal. Tag 12' of fill @ 3141' break circ. CO to 3153' w/4 bph air/soap mist. Blow well f/3153' w/6 bph air/soap mist hvy ret's = 95% coal & 5% shale. Blow dry, PU bit to 2990'. Flow natural. gauge well on 2" line all gauges dry & avg 492 mcf/d. Break over @ 1000 psi. Surge well f/2990' w/10 bph air/soap mist ret's lt-med coal & trace shale. Q = 492 mcf/d

6-06-1999 Surge well f/2990' (11 times) w/10 bph air/soap mist pres @ 1000 psi, retr's med-hvy coal = dust to ¼" in size. Flow natural 1 hr after each surge

6-07-1999 Tag 10' of fill @ 3143' co to td w/6 bph air/soap mist, ret's 95% coal & 5% shale. PU bit to 2990'. Surge natural 2 hr build up = 240 psi. Surge well (6 times) w/10 bbls ahead & 1 gal soap, ret's hvy coal & gas/air mist

6-08-1999 Surge well (4 times) w/10 bbls ahead & ½ gal soap, pres @ 1100 psi ret's lt-med coal & gas/air soap mist. Natural surge (2 times) 4 hr build up = 430 psi, ret's lt coal & gas mist

6-09-1999 Surge & flow natural. Tag bridge @ 3048' break circ w/6 bph air/soap mist. Clean out & work pipe to 3090 w/4 bph mist, ret's hvy coal = dust to 1/8" in size. Work pipe & blow well f/3090' w/4 bph air/soap mist, ret's hvy coffee ground size coal

6-10-1999 CO to TD w/4 bph air/soap mist, ret's hvy coal. Blow well f/td w/6 bph air/soap mist, ret's med-hvy coffee ground size coal. Blow well dry. PU bit to 2990'. SI f/1 hr natural build up = 160 psi. Flow natural. Gauge well on 2" line, all gauges dry. Tag bridge @ 3053'. CO to 3121' w/6 bph air/soap mist, ret's hvy coal = dust to 1/8" in size. Q = 372 mcf/d

6-11-1999 CO f/3121'- 3153' w/4 bph air/soap mist, ret's hvy 95% coal & 5% shale. Blow well f/3153' w/8 bph air/soap mist ret's hvy coal lt shale. Well started to clean up @ 2300 hrs. TOH laying down w/dc's. C/O rams RU to run liner

6-12-1999 TIH w/5 jts 5 ½" liner & tag bridge @ 3088', RU power swivel. Break circ w/6 bph air/soap mist. Attempt to wash liner down & twist off. TOH w/3 jts of 5 ½" liner, parted on 2nd jt @ bottom thread on pin. PU DC's & stand back. PU & MU spear & jarring assembly. TIH & tag/latch onto fish @ 3008'. TOH w/fish, load out tools. TIH w/6 ¼" bit & tag bridge @ 3080'. Break circ & co f/3080'- 3153' w/4 bph air/soap mist, ret's hvy coffee ground size coal

6-13-1999 Blow well f/3153' w/4 bph air/soap mist, hvy ret's = 80% shale & 20% coal. Hole getting tight, LD 1 jt & PU bit to 3090'. Clean out & work on ratty hole f/3093'- 3153' run 5 bbl sweeps, hvy ret's = 90% shale & 10% coal. Blow well f/3153' w/6 bph air/soap mist

6-14-1999 Blow well f/TD w/6 bph air/soap mist & 5 bbl sweeps, lt – med ret's = 80% coal & 20% shale. Blow well dry & PU bit to 2990'. Flow natural. TIH & tag ledge @ 3117'. Break circ w/6 bph air/soap mist. CO & work bit thru ratty hole f/3100'- 3153' run 5 bbl sweeps hvy ret's = 90% shale & 10% coal. Blow well f/td w/6 bph air/soap mist. Blow dry w/air only. TOH w/ bit. MU hanger w/ 6 ¼" bit on bottom, TIH & tag ledge @ 3090'. RU power swivel

6-15-1999 Break circ w/8 bph air/soap mist. CO, wash liner down from 3090'- 3153'. Hang liner off @ 2919'= 73' of overlap. TOH laying down 3 ½" DP & setting tool. Perf Fruitland Coal intervals 3134'- 3150', 3112'- 3122', 3066'- 3100' & 3010'- 3030' 4 spf w/.75" dia holes (320 holes). Tally in w/101 jts 2 3/8 tbg, tag 8' of fill & CO. Blow well dry. Land tbg @ 3117' KB, NDBOPs, NUWH. RD rig & equip