

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.	30-039-25721
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-347

<p style="text-align: center;"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <b>ROSA UNIT</b></p>
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	<div style="border: 2px solid black; padding: 10px; transform: rotate(-5deg);"> <b>RECEIVED</b>  DEC 15 1997  <b>OIL CON. DIV.</b>  <b>DIST. 3</b> </div>
2. Name of Operator <b>WILLIAMS PRODUCTION COMPANY</b>	
3. Address of Operator <b>P O BOX 3102, TULSA, OK 74101</b>	
4. Well Location Unit Letter <u>K</u> : <u>2045</u> Feet From The <u>S</u> Line and <u>1450</u> Feet From The <u>W</u> Line  Section <u>32</u> Township <u>31N</u> Range <u>5W</u> NMPM RIO ARRIBA COUNTY	8. Well No. <b>337</b>
	9. Pool Name or Wildcat <b>BASIN FRUITLAND COAL 71629</b>

10. Elevation (Show whether DF, RKB, RT, GR, etc.): <b>6525' GR</b>	
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**CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPINIONS <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <u>COMPLETION OPERATIONS</u> <input checked="" type="checkbox"/>

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.

11-05-1997 Surging well @ 1350# with air. Recovering gas, light water and coal dust. Surging well naturally @ 690#. Recovering gas, light water and coal dust. Surging @ 1400# with air and mist (5 BPH + 0.20 Gal soap/Bbl) @ 1800 SCF/M. Recovering gas, light water and light coal.

11-06-1997 Surging well @ 1400# w/ air and mist (5 BPH + 0.20 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas light water and light coal. TIH tag coal fill @ 3286', 65' of fill. CO fill from 3286' to 3351' (TD) with air and soap sweeps, recovering large chunks of coal. PU to 3154', into 7" csg. Pitot flow test thru 2" taking 15 Min. Readings for Hr, final tip pressure = 3-1/2 oz. Shut-In well for pressure build-up test #2, taking 15-Mins for 5 - Hrs., final pressure = 960#. Surging well @ 1400# w/ air and mist (5 BPH 0.10 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas light water and light coal. TIH tag @ 3232', bridge. CO bridges and coal fill from 3232' to 3351' (TD) with air and soap sweeps, recovering coal.

11-07-1997 Continue CO coal fill to 2251' (TD) w/ air and soap sweeps, recovering gas, light water and coal (3). Dry hole w/ air @ 1800 SCF/M for 1/2-Hr. PU to 3154', into 7" csg. Pitot flow test #3 thru 2" taking 15 Min. Readings for 1-Hr, final tip pressure = 4-1/2 oz. Shut-In well for pressure build-up test #3, taking 15-Mins for 2-1/2 - Hrs., final pressure = 620#. Surging well @ 1500# w/ air and mist (5 BPH + 0.10 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and light coal. TIH tag @ 3325', 26' of fill CO coal fill from 3325' to 3351' (TD) with air and soap sweeps, recovering large chunks of coal (size 10 out of 10).

*Continued on side 2*

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

SIGNATURE S. Griguh TITLE CLERK DATE December 11, 1997

TYPE OR PRINT NAME SUSAN GRIGUHN TELEPHONE NO. 918/561-6254

(This space for State Use) **Original Signed by FRANK T. CHAVEZ**

APPROVED BY \_\_\_\_\_ TITLE SUPERVISOR DISTRICT # 3 DATE DEC 15 1997

CONDITIONS OF APPROVAL, IF ANY: \_\_\_\_\_

11-08-1997 Continue CO coal fill to 3351' (TD) with air and soap sweeps. Recovering gas, light water and coal. Dry hole with air @ 1800 SCF/M for 1/2 hr. PU to 3154' into 7" csg. Pitot flow test #4 thru 2" line. Reading for 1 hr final tip pressure = 9 oz. Shut in well for pressure build up. Surging well @ 1200# with air and mist (15 BPH + 0.15 Gal soap/Bbl) @ 1800 SCF/M. Recovering gas, light water and light coal. Surging well natural @ 600#. Recovering gas, light water and light coal.

11-9-1997 Surging well natural @ 600# recovering gas, light water and light coal. Surging well natural @ 1200# with air and mist. TIH and tagged 20' of coal @ 3331'. CO coal fill to 3351' with air and soap sweeps.

11-10-97 CO coal fill to 3351' with air and soap sweeps, recovering gas, light water and coal. Dry hole with air @ 1800 SCF/M for .5 hr. PU to 3154' into 7" csg. Pitot flow test thru 2". Shut in well for pressure build up. Surging well @ 1200# with air and mist.

11-11-1997 Surging well @ 1200# w/ air and mist (5 BPH + 0.15 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and light coal (1). Surging well naturally @ 720#, after 45-Min SI, recovering gas, light water and light coal (1). Surging well @ 1400# w/ air and mist (5 BPH + 0.15 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and light coal (1). Surging well naturally @ 720#, after 45-Min SI, recovering gas, light water and light coal (1).

11-12-1997 Surging well @ 1400# w/ air and mist (5 BPH + 0.10 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and light coal (1). TIH & Tag fill @ 3338', 13' of coal fill. CO coal fill to 3351' (TD) w/ air and soap sweeps, recovering gas, light water and heavy coal (7) during sweeps. Dry hole w/ air @ 1800 SCF/M.

11-13-1997 PU to 3154' into 7" csg. Pitot flow test thru 2". Shut well in for pressure build up. Surging well naturally @ 900#. Recovering gas, medium coal and water.

11-14-1997 Surging well naturally @ 860#. TIH and tagged 51' of coal fill. CO fill to 3351' with 900 SCFM air. Recovering gas, light water and medium coal.

11-15-1997 Continue CO coal fill to 3351' (TD) using air @ 1800 SCF/M. Dry hole w/ air @ 1800 SCF/M for 1-1/2 Hrs. PU to 3154', into 7" csg. Pitot flow test #7 thru 2" taking 15 Min. Readings for 1-Hr, final tip pressure = 4.5#. Shut-In well for pressure build-up test #7, taking 15-Mins for 3 Hrs., final pressure = 950#. Surging well naturally @ 900#, recovering gas, medium water and medium coal (4).

11-16-1997 Surging well naturally @ 900#, recovering gas, medium water and medium coal (4). TIH & tag fill @ 3308', 43' of coal fill. CO coal fill from 3308' to 3351' (TD) using air & mist (5 Bbl/Hr + .075 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and large coal chunks on sweeps (10).

11-17-1997 CO coal fill from 3323' to 3351' (TD) using air & mist (10 Bbl/Hr + .15 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and medium coal on sweeps (6).

11-18-1997 CO coal fill from 3323' to 3351' (TD) using air & mist (10 Bbl/Hr + .15 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and medium coal on sweeps (5). Dry hole w/ air @ 1800 SCF/M for 2-1/2 Hrs. PU to 3154', into 7" csg. Pitot flow test #8 thru 2" taking 15 Min. Readings for 1-Hr, final tip pressure = 8.7#. Shut-In well for pressure build-up test #8, taking 15-Mins for 5 Hrs., final pressure = 1100#. Bled well slowly to flare pit to avoid surging well.

11-19-1997 TIH & tag fill @ 3346', 5' of coal fill. CO coal fill from 3346' to 3351' (TD) using air & mist (10 Bbl/Hr + .15 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and light/medium coal on sweeps (3). PU to 3154', into 7" Csg shoe. Flow well naturally for 1-1/2 Hrs, recovering gas, light water and light coal (1). TIH & tag fill @ 3346', 5' of coal fill. CO coal fill from 3346' to 3351' (TD) using air & mist (10 Bbl/Hr + .15 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and light/medium coal on sweeps (3). PU to 3154', into 7" Csg shoe. Flow well naturally for 2-1/2 Hrs, recovering gas, light water and light coal (1). TIH & tag fill @ 3349', 2' of coal fill. CO coal fill from 3349' to 3351' (TD) using air & mist (10 Bbl/Hr + .15 Gal Soap/Bbl) @ 1800 SCF/M, recovering gas, light water and light/medium coal on sweeps (3). Conditioning hole w/ polymer. Blow well dry w/ air @ 1800 SCF/M. TOOH w/ 3-1/2" 13.30# Gr E DP, laying down 12 - 4-3/4" DC's, 6-1/4" bit, bit-sub and 'F' Nipple. Change pipe rams.

11-20-1997 TIH w/ 5-1/2" guide shoe, 5-Jts 5-1/2" 15.5# K-55 ST&C Csg (223.36'), TIW Model JGS mechanical liner hanger (w/o pack-off), and liner setting tool on 101-Jts 3-1/2" DP & tag fill @ 3335', 16' of coal fill. RU power swivel, wash liner to 3351' (TD) w/ air & mist @ 1800 SCF/M & 300#. PU to 3350' and set liner, Top of Liner @ 3121'. RD power swivel. TOOH laying down 101-Jts 3-1/2" DP & liner setting tool. ND stripping head. RU Bluejet W/L, RIH w/ 3-1/8" guns & perforate Fruitland Coal w/ 0.75" holes @ 4 SPF as follows: 3231-40' (9', 36 Holes), 3294-3349' (55', 220 Holes). Total: 64' and 256-Holes. RD Bluejet. (Had one misfire run). NU stripping head w/ 2-3/8" rubber. RIH w/ 2-3/8" Expendable Check (0.71") w/ half mule-shoe, 1-Jt 2-3/8" 4.7# J-55 8rd EUE Tbg (31.35'), 2-3/8" STD API SN (1.10), on 104-Jts 4.7# J-55 8rd EUE Tbg (3250.24'). ND stripping head. Land 2-3/8" Tbg string, EOT @ 3299', SN @ 3266'. Run-In lock-Downs secure tbg hanger. ND 7-1/16" BOP stacks and blooie lines. NU 2-1/16" 3M MV, tested to 3000# for 15-Mins, held OK. Pump 7-Bbls Wtr down Tbg, drop ball, and pump out expendable check @ 1200# w/ air. RD Big 'A' rig # 37.