

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.

5. Lease Designation and Serial No.
SF-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

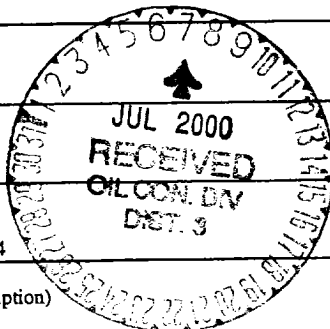
8. Well Name and No.
ROSA UNIT #241

9. API Well No.
30-039-24511

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

11. 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)
2090' FSL and 790' FEL NE/4 SE/4 SEC 06-31N-05W

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

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Cavitation Complete</u>
	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.)*

05-23-2000 Load out equip, road rig to loc. RU rig & spot equip. SICP = 800 psi, SITP = 30 psi. Blow well down. NDWH, NU BOP stack & HCR's. NU blooie lines & pres test stack to 2500 psi. POOH laying down w/99 jts 2 3/8" tbg. Tally in w/TIW ret tool, 10 DC's & 44 jts 3 1/2" DP. Screw into & release hanger @ 2921'. TOOH w/liner, LD same. TIH w/underreamer. RU power swivel & break circ w/20 bph air/soap mist. Underream from 2990'- 3003'

05-24-2000 Underream from 3003'-3140' TD, circ clean. TOOH w/underreamer. TIH w/6 1/4" bit to 3140'(no fill). CO on bottom w/10 bph air/soap mist, med ret's = fine coal & black water. Blow well dry. PU bit to 3000'. Natural surge, 4 hr SI = 444 psi. Flow natural. Surge from 3000' (2 times) w/5 bbls air/soap mist ahead, pressure to 800 psi, ret's lite. Surge (2 times) w/ 5 bbls air/soap mist ahead, pres to 1000 psi, ret's lite

05-25-2000 Surge from 3000' (2 times) w/5 bbls air/soap mist ahead, pres to 1200 psi & (2 times) @ 1400 psi, lite ret's. Tag 20' of fill & CO. CO on bottom w/15 bph air/soap mist & 5 bbl sweeps, heavy ret's = 90% fine to 1/4" coal & 10% shale. Blow dry & PU bit to 2996'. Break over with air only @ 1660 psi, med ret's = fine coal dust. Tag 15' of fill & CO. CO on bottom, ret's heavy fine coal & black water, (coal running). Blow dry with air only

Continued on back

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst Date June 26, 2000

(This space for Federal or State office use)

Approved by _____

Title _____

ACCEPTED FOR RECORD

Conditions of approval, if any:

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.

NMOC

05-26-2000 Blow dry w/air only. TOO H w/bit. Gauge well on 2", all gauges dry & avg 225 mcf. Breakover w/air only @ 1350 psi, heavy ret's = fine to ¼" coal. Surge from surface (4 times) w/400# air ahead, pump 5 bbls air/soap mist, pres to 1200 psi w/air, heavy-med ret's = fine to ¼" coal. Natural surge 2 hr SI = 450 psi, ret's lite coal & heavy wtr. Flow natural. Natural surge, 4 hr SI = 530 psi, extra heavy ret's = fine to 2" size coal. Flow natural

05-27-2000 Natural surge, 2 hr si = 390 psi, ret's lt & bridge off. TIH & tag/co bridges @ 2160', 2290', 2385' & 2995', tag 40' of fill & co. CO on bttm w/15 bph a/s mist & 5 bbl sweeps. Blow dry w/air only. TOO H w/bit. Natural surge, 4 hr si = 740 psi, hvy ret's = coffee grd to 1" size coal & trace shale. Flow natural. SI f/4 hr natural surge

05-28-2000 Natural surge f/surface (4 times), 1st 4 hr si = 720 psi, 2nd = 700 psi, 3rd = 680 psi, 4th = 620 psi, med-hvy ret's = 1/8" to 1" coal & hvy wtr. Flow natural 2 hrs each surge

05-29-2000 Natural surge, 4 hr SI = 630 psi, lt ret's = fine coal & hvy wtr. Flow natural, well bridged or logged off. Surge w/air only to 1200 psi, lt ret's = fine coal & hvy wtr. TIH & tag 40' of fill @ 3100'. CO to TD w/15 bph air/soap mist. CO on bttm w/15 bph a/s mist & 5 bbl sweeps, hvy ret's = 90% fine to ¾" size coal & 10% shale

05-30-2000 CO on bottom. Blow dry w/air only. TOO H w/bit. Flow natural, gauge well on 2" line, all gauges med mist & avg 552 mcf. Natural surge, 4 hr si = 780 psi, ret's heavy coal & heavy wtr. Natural surge, 2 hr si = 540 psi, ret's med coal & heavy wtr. Flow natural, well loading up & unloading heavy water w/fine coal. Natural surge, (2 times) 1st 4 hr si = 800 psi, 2nd 2 hr si = 540 psi, ret's med coal & heavy wtr

05-31-2000 Flow natural. Natural surge, 4 hr si = 740 psi, hvy ret's. Surge f/surface w/2 bbls & 1 gal soap ahead, pres to 1340 psi w/air only, hvy ret's = dust to ¼" dry coal. Natural surge, 2 hr si = 360 psi, ret's lt & bridge off. Pres bridge up w/2 bbls & 1 gal soap ahead, pres to 1500 psi w/air only, hvy ret's. Flow nat, ret's hvy black wtr w/fine coal. Natural surge, 4 hr si = 680 psi, extra hvy ret's = ¼" to 2" size coal, plug both blooie lines. Pump wtr to unplug blooie lines & bridges in csg. Flow natural

06-01-2000 Natural surge, 2 hr si = 420 psi, ret's hvy coal, bridge off. TIH & tag/CO bridges @ 1562', 1873', 2404' & 2965'. CO f/2965'-3140' TD w/15 bph air/soap mist & 5 bbl sweeps, ret's heavy coal. CO on bottom w/20 bph a/s mist, heavy – med ret's = dust to coffee ground size coal

06-02-2000 CO on bottom w/20 bph air/soap mist & 5 bbl sweeps. Blow dry w/air only. TOO H w/bit. Attempt to gauge well on 2", well loading up & unloading heavy water out 2". Natural surge, 4 hr si = 780 psi, ret's heavy water & lite coal fines. SI for natural surge

06-03-2000 Natural surge, 4 hr si = 800 psi, ret's heavy coal & heavy wtr, flow nat. Natural surge, 3 hr si = 660 psi, ret's heavy coal & water, flow nat. Natural surge, 2 hr si = 610 psi, lite ret's & bridge off. Surge from surface w/air only (5 times) pressure to 850 psi, heavy ret's = coffee to ½" size coal, well unloading on own. Flow natural. Natural surge, 4 hr si = 830 psi, ret's heavy coal & lite water

06-04-2000 Natural Surge, 2 hr si = 540 psi, ret's heavy coal & water. Flow natural. Natural surge, 4 hr si = 660 psi, flow nat & bridge off. TIH & tag bridge @ 3025'. CO from 3025'- 3120' w/15 bph air/soap mist & 5 bbl sweeps, heavy ret's = 75% coal & 25% shale. Bridge off & get tight, PU bit to 3050'. CO from 3050'- 3110' w/15 bph air/soap mist, heavy ret's

06-05-2000 CO f/3110', bridge off & get tight. PU bit to 2996' & break circ. CO & work on ratty open hole from 3010'- 3059' w/15 bph air/soap mist, ret's heavy shale

06-06-2000 CO from 3059'- 3140' (TD) w/20 bph air/soap mist, heavy ret's = 50% coal & 50% shale. CO on bottom w/20 bph a/s mist, ret's med fine coal & ¼" shale. Attempt to blow dry, bucket test = 10.5 bph. TOO H w/bit. Flow natural, well unloading heavy black water. Natural surge, 4 hr si = 730 psi, ret's heavy coal & water. Flow natural, ret's heavy water w/fine coal

06-07-2000 Natural surge (4 times) 1st 4 hr si = 740 psi, heavy ret's = fine to 2" size coal. 2nd 4 hr si = 740 psi, ret's extra heavy coal & shale, plug blooie lines. 3rd 3 hr si = 700 psi, ret's heavy fine to 2" size coal & ½" shale. 4th 3 hr si = 680 psi, ret's heavy coal & shale. Flow natural 2 hrs each surge, ret's steady 2" flow of formation water w/fine coal

06-08-2000 Natural surge f/surface (5 times) 1st 3 hr si = 680 psi, 2nd = 700 psi, 3rd = 710 psi, extra hvy ret's = fine to 3" size coal, 4th 3 hr si = 740 psi, 5th = 740 psi, med-hvy rets = fine to 1.5" coal. Flow natural 2 hrs each surge

06-09-2000 Natural surge, 3 hr si = 500 psi, ret's lite & bridge off. Surge w/air to break bridge & pack off. TIH & tag, CO bridge @ 2330'. Continue in with bit & tag bridge @ 2986'. CO from 2986'- 3096' w/15 bph air/soap mist & 5 bbl sweeps, ret's heavy coal & shale

06-10-2000 CO from 3096' - 3140' (TD) w/20 bph air/soap mist & 5 bbl sweeps, ret's heavy shale & med fine to ½" coal. CO from 3140' w/20 bph a/s mist & 5 bbl sweeps, ret's med fine to ¼" coal

06-11-2000 CO from 3140' (TD) w/20 bph air/soap mist & 5 bbl sweeps, ret's med fine coal. Attempt to blow dry w/air only, bucket test = 3.5 bph. PU bit to 2970'. Flow natural. Gauge well on 2" open line, all gauges heavy mist & avg 1388 mcf. TIH & tag/CO 5' of fill from 3135'-3140'. CO from 3140' w/15 bph air/soap mist, ret's lite fine coal & lite shale. TOO H laying down w/dc's, CO to run 5 ½"

06-12-2000 MU hanger, TIH w/5 ½" liner, tag 8' of fill @ 3132'. Wash liner down to 3140' w/10 bph air/soap mist. Set hanger @ 2905' KB. POOH laying down 3 ½" DP. Tally in with 4 ¾" mill & 97 jts 2 3/8" tbg. Mill off perms from 3002'- 3139'. TOO H w/mill. TIH w/prod tbg. Unload well w/air. Land tbg in hanger @ 3090' KB w/99 jts total. NDBOPs & blooie lines, NUWH. Gauge well on 2" open line, all gauges lite mist & avg 1065 mcf. Turn well to production department, release rig

ROSA UNIT #241
FRUITLAND COAL

Location:

2090' FSL and 790' FEL
NE/4 NE/4 Sec 06, T31N R5W
Rio Arriba, New Mexico
Elevation: 6333' GL

Spud date: 7/31/90

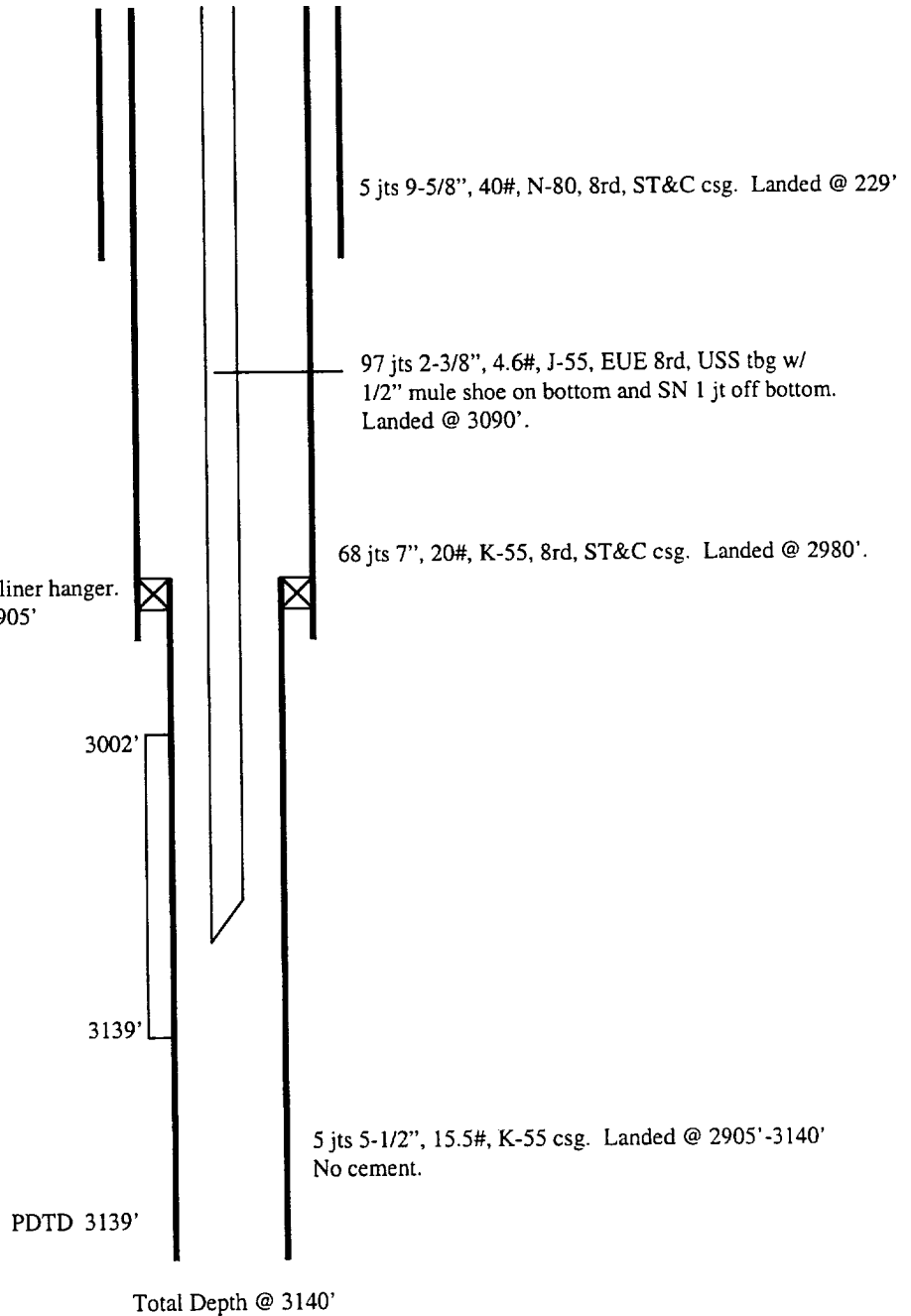
Cavitated date:
8/13/90 - 8/19/90

5/22/00 - 6/12/00

<u>Top</u>	<u>Depth</u>
Ojo Alamo	2390'
Kirtland	2490'
Fruitland	2930'

TIW JGS liner hanger.
TOL @ 2905'

Perforation interval: 3002' - 3139'
Pre-Perforated Liner



Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 40#	160 sx	189 cu. Ft	Surface
8-3/4"	7", 23#	660 sx	1009 cu. Ft	Surface
6-1/4"	5-1/2", 15.5#	n/a	n/a	n/a