

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 TRIPPLICATE			5.	Lease Designation and Serial No. SF-078766
			6.	If Indian, Allottee or Tribe Name
			7.	If Unit or CA, Agreement Designation
1.	Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		8.	Well Name and No. ROSA UNIT #165B
2.	Name of Operator WILLIAMS PRODUCTION COMPANY		9.	API Well No. 30-039-26557
3.	Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254		10.	Field and Pool, or Exploratory Area BLANCO MV/BASIN DK
4.	Location of Well (Footage, Sec., T., R., M., or Survey Description) 1465' FNL & 225' FWL, SW/4 NW/4 SEC 25-T31N-R06W		11.	County or Parish, State RIO ARRIBA, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other <u>Completion Operations</u>
Subsequent Report	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.)
Final Abandonment	

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.)*

10/11/2001 MIRU & spot equip. NDWH, NU BOP's, NU swing, blooie line & flow back manifold. Tally in w/4 3/4" bit & 254 jts 2-3/8" tbg, tag float collar @ 7930'. RU power swivel, circ hole clean w/180 bbls 2% KCl. Drain pump & lines. SDFN

10/12/2001 RD power swivel, LD 2 jts, PU & set 5 1/2" pkr @ 30'. RU BJ, pressure test csg to 5500 psi & held. Release pkr, LD same. Spot 250 gals 15% HCl acid across DK interval from 7914' to 7664', RD BJ. TOOH w/bit. ND stripper head & swing. RU Black Warrior. Perforate Dakota, bottoms up in acid 1 spf w/3 1/8" select fire csg gun, .32" dia, 14.3" pen & 10 grm chgs @ 7787', 89', 91', 93', 96', 98', 7800', 02', 04', 06', 32', 34', 37', 39', 41', 43', 65', 67', 69', 75', 78', 98', 7900' & 14' all shots fired, (24 holes total). RD BWWC. SDFN

10/13/2001 RU BJ, pressure test lines to 6500psi. Acidize DK w/ 500 gal 15% HCl & 40 ball sealers @ 22 bpm & 3800 psi, good action, no ball off. RD tree saver, RU BWWC, ran JB rec 18 balls, 14 hits, RU tree saver, pressure test lines to 6500 psi. Pumped 14,000# 20/40 Acfrac SB Excel Res Coated prop 1 & 2 PPG in a 60 Q Spectra G Foam at 4700 psi. Flushed to top perf w/180 bbl fluid only. Pumped 113 bbl w/nitrogen. Pressured to 5400 PSI at 20 BPM. Pumped the total of 661,500 SCF w/o cool down - 795 bbl liquid w/ acid job. Bled from 3600 psi. ND tree saver, NU stripper head & swing. Bled to safe condition through blooie line. TIH w/15 stands of tbg. Flowing back to heavy to run pipe. Flowed back overnight through blooie line

Continue on reverse side

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

Signed

Tracy Ross
TRACY ROSS

Title Production Analyst Date November 30, 2001

(This space for Federal or State office use)

Approved by

Title

Date

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.

NMOGD

10/14/2001 Staged in hole with tubing & bit unloading water from well bore with air pack. Located TD at 7915' – no fill. TOOH w/ tbg & bit. ND w/ stripper & swing. NU tree saver. WO BJ repairs to blender computer. Pressure test lines to 6500 psi. Fracing Dakota Zone. Pumped 30,089# 2040 Acfrac SB Excel RESCTD prop 1, 2 & 3 PPG in a 60 Q Spectra G Foam At 5000 PSI. Screened out. 13,844 # of proppant into formation leaving 16,245# proppant in well bore. 1# & 2# into Formation, 3# at top perf. Max pressure 5500 PSI, min pressure 4250, aver pressure 5000 PSI. Maximum rate 35 BPM. Ave rate 26 BPM. Total Nitrogen pumped 7109 SCF W/O Cool Down. Total sand pumped 30089#, total water pumped 407 bbl & 12 bbl 15% HCL. ISIP 5500 PSI, 5 min 3500 PSI, 10 min 3312 PSI, 15 min 3297 PSI. Riggged out BJ frac equipment. NU flow back lines from tree saver to choke manifold. Flow back overnight 3300 PSI At 1930 hours. Flowing back through 1/8" choke. Made secure till morning

10/15/2001 Flowing back Dakota frac. ND w/ tree saver. NU stripper head & swing. Bled off through blooie line. MU 2-3/8" ST collar. Rig tongs broke down, WO on replacements. Staged in hole w/ tbg, unloading water & sand. Located solid sand fill @ 7825', 90' of fill. CO to TD @ 7915'. Made 5 bbl soap sweeps at TD. TIH w/ tbg & hung off at 7300'. Turned over to flow back crew. Flowing back through blooie line

10/16/2001 Flowed back over night. Recovered 8 to 10 bbls per hr of broken gel and trace of sand. Able to flare with a very small flare at 0700 hrs. Unable to get pitot reading. TIH w/ tbg, 5' fill from over night. Cleaned out to TD @ 7915' with air pkc. Circulated with air, made 5 bbl soap sweeps each hr. Recovered lite to med broken get w/ trace of sand. Recovering 6 to 7 bbls per hr. Not enough gas to flare. TOOH w/ tbg. Leaving kill string in hole. Left flowing back through blooie line with flow back crew. Well flaring @ 1700 hrs, very small flame

10/17/2001 TOOH w/kill string, ND w/stripper & swing. RU Perforators. Perf Dakota w/3 1/8" select fire gun –. 32 dia hole @ the following intervals: 7786', 88', 90', 92', 94', 95', 97', 99', 7801', 03', 05', 31', 33', 36', 38', 40', 42', 64', 66', 68', 70', 76', 77' & 99' (24 total holes). RD w/perforators. NU w/ tree saver. Wait on BJ. MIRU BJ. Pressure test lines 6500 psi. Ball off Dak w/ 500 gal 15% HCl & 80 balls @ 20 bpm & 4400 psi – ISIP 2680 psi, good ball action, no ball off. ND w/tree saver. Ran junk basket. Recover 89 ba ls (33 hits), NU w/ tree saver. Press tested lines @ 6500 psi. Frac Dakota w/ 17,000# 20/40 Acfrac 58 Excel resin sand @ 1, 2, & 3 PFG carried in 60 Q Spectra G foam @ 35 BPM, total water 410 bbl, tot N₂ 6712.41 SCFM, ISIP 5940#, 5 min 5700#, 10 min 5781#, 15 min 5839#. Max TP 6000#, avg TP 5100#, avg rate 35 BPM. Locked up 20 bbl short of flush. RD BJ. Rig to flow back through tree saver. Flowing back through 1/8" choke. Recovering broken gel. Starting press @ 3800 psi. Turned over to flow back crew

10/18/2001 0830 hrs: 1700 psi flowing through 1/8" choke, trace sand, misting broken gel. 0930 hrs: 1600 psi flowing through 1/8" choke, trace sand, misting broken gel. ND tree saver, switched to 3/16" choke. 1130 hrs: 1400 psi 3/16" choke, trace sand, misting broken gel. 1230 hrs: 1200 psi 3/16" choke, light sand, misting broken gel

10/19/2001 Flowing back through 1/2"choke at 350#, heavy mist of broken gel, light sand. Install 3/4" choke, 200#, heavy mist broken gel, lite sand. NU stripper head and swing. TIH with 4 3/4" bit. No fill, tagged up at 7915'. Unloaded well bore w/ air pack. Recovered 70 bbl broken gel water and no sand. Circulated w/ air making soap sweeps every hour. Recovered 5 bbls broken gel water per hour and no sand. TIH w/ 20 singles tubing and hung tbg off at 7289'. Made pitot test, got a 4 oz reading. Turned over to flow back crew. Flowing back through blooie line. Left air pack blowing around until midnight. Able to flare with a very small flame. Recovering 5 bbls gel water per hr

10/21/2001 Flowed back Dakota through blooie line from 1600 hrs 10/19/01 to 0730 hrs 10/21/01. Pitot @ 0730 hrs, 1 oz. Flared with a very small flame. Recovered 5 to 8 bbls formation water per hr, no sand recovery. TIH with tbg, no fill, tagged up @ 7915'. TOOH with tbg & bit, RU Balck Warrior W/L. TIH w/ CIBP & set @ 5836'. TIH w/ tbg & bit, hunk tbg off at 5790'. MIRU BJ acid pump & equipment. Filled well bore w/ 130 bbl 2% KCL. Press tested CIBP @ 3500 psi. Pumped 500 gal 15%HCL and displaced w/ 19 bbl KCL. Spotted acid across area to be perforated. Riggged down BJ. Tripped out of hole w/ tbg and bit. Riggged up with BWWC. Perforated P1 Lookout zone with 31/8" carrier and 0.38" dia holes, 33 holes, 1 SPF as follows: 5602', 04', 05', 07', 09', 12', 14', 16', 18', 32', 34', 36', 38', 43', 47', 50', 52', 54', 56', 60', 64', 67', 82', 97', 5700', 02', 05', 18', 22', 24', 47', 76' & 86'. RD W/L equipment & secure well until morning

10/22/2001 RU BJ, acidize Point Lookout w/1000 gal 15% HCl & 50 ball sealers. Ball off at 3500#. Recover 42 balls, 30 hits. Frac Point Lookout w/ 81,658# 20/40 brady sand &1890 bbl salt water @ .5, 1, 1.5 & 2 ppg. Max rate 103 bpm, avg rate 84 bpm, Min rate 67 bpm, max TP 3557#, avg TP 3100#, min TP 2800#, ISIP 520#. RU BW, TIH & set CIBP @ 5575'. Pressure test plug at 3300#. Perforated CH/Men zone under 2500# pressure w/ 3 1/8" select fire gun (0.38" hole) at the following intervals: 5320', 33', 37', 60', 76', 92', 5407', 09', 34', 36', 38', 40', 73', 76', 5501', 03', 05', 07' & 61'. Acidize CH/Men zone @ 2900#, inj rate 14 bpm @ 2950#. Pumpec 1000 gal 15% HCl & 40 ball sealers. Ball off at 3500#, good ball action. ISIP 180#. Ran junk basket, recovered 15 balls, 15 hits. Frac CH/Men zone w/ 80,000# 20/40 brady sand & 1664 bbls slick water. At .5, 1, 1.5 & 2 ppg. Max TP 3350#, Avg TP 3250#, min TP 3150#, ISIP 570#, 5 min 0#. Unable to get a better rate due to the pressure increase w/ rate inc. RD BJ frac equip. ND frac head. NU swing, blooie line and stripper head. TOOH w/ bit and 168 jts tbg to 5258'. Hung tbg off. RU air pack & start unloading frac water from well bore. Turned over to flow back crew, evaporating pit water

10/23/2001 TIH, tag fill at 5477', 98' fill. RU power swivel, break circ w/10 bph air/soap/corrosion inhibitor. CO to CIBP at 5575'. Blow well at 5575' w/ 10 bph air/soap/inhibitor. Pitot test = 1236 mcf/d. Drill out CIBP at 5575' w/ 15 bph air/soap/inhibitor mist. When CIBP broke up Point Lookout, unloaded 500 bbl frac water and sand. Let pressure equalize. TIH w/ tbg and tagged 46' fill at 5790'. Circulated w/ 10 bbl air/soap/inhibitor. Blooie line swing cut out by sand. NU two 2" lines to pit for flow back. Isolated blooie line and ND with cut out swing and NU with replacement swing. Flowing back through blooie line. TOOH w/ tbg and hung off at 5258'. RU to flow back through blooie line. Turned over to flow back crew. Flowing back on its own through blooie line over night, evaporating pit water

10/24/2001 TIH w/ tbg, no fill entry over night. Tagged up @ CIBP remnant at 5790'. RU power swivel. Pitot test of Point Lookout and CH/M = 4295 mcfd. Broke circulation w/10 bph air/soap/inhibitor. Drilled on and pushed CIBP remnant to 5826'. Unable to make any hole, stuck pipe, worked up hole 60' before breaking free. TOOH w/ tbg and bit. Bit locked up with the bearings falling out. TIH w/ new 4-3/4" Smith bit. Tagged up w/ CIBP remnant at 5766'. PU power swivel, unable to break circulation. TOOH w/ tbg wet, found the new string float from Knight Oil Tool was assembled up side down. Rigged to flow back through blooie line. Turned over to flow back crew. Flowing back over night through blooie line, flaring and evaporating pit water

10/25/2001 TIH w/ tbg and bit. Tagged up w/ CIBP at 5766'. Rigged power swivel and broke circ w/ 10 bph air/soap/corr inhibitor. Started drilling on CIBP remnant w/ 10 bph air/ soap/corr inhib mist. Drilled and chased CIBP to 5836'. Drilled out CIBP at 5836'. Made 5 bbl soap sweep, TIH w/ tbg to TD at 7915', no fill. Circulated w/ 10 bph and made 5 bbl soap sweeps. Inhibited csg and work string tbg. Dried up well bore. TOH with work string tbg singling down same. Nipple dwn w/stripper head and swing. Moved in and rigged up BWWC. TIH with 51/2" model D type production packer with a 5" seal bore extension. Set pkr at 6000' log depth and at 5988' pipe depth. RD with wire line equipment. Nipple up with stripper head and swing. Rigged to flow back through blooie line. Flowing back and evaporating pit water. Turned over to flow back crew. BJ Dakota frac charges were 207,135. As per Gary Sizemore, I backed out all but \$125,000 of this from cumm cost. Backing out \$82,135

10/26/2001 Change over to run 2 1/16" tubing. Moved out 2 3/8" WS Tubing. Move in and spot 2 1/16" prod string tubing. Measured in hole with 243 jts 2-1/16", 3.25# 10rd, J55, IJ, long string tbg. Tag packer at 6003'. Space and land tbg at 7886'KB as follows: 1/2" mule shoe, SN w/pump out plug, 58 jts 2-1/16", seal bore assembly, 184 jts 2-1/16", 4' and 8' 2-1/16" pups, 1 jt 2-1/16" = 243 jts 2-1/16" long string tbg. Problems with MYT elevators, changed out same. NU off set spool changed out center rams w/off set rams. Measured in hole w/ 2-1/16" 3.25#, 10rd, J55, IJ, short string tbg = 179 jts. MU donut and landing tbg in hanger, tbg parted 1 jt below tbg hanger. Pin end stripped out of box, threads pulled off the pin end. Tbg fell 89'. Secure well until morning

10/27/2001 MIRU Wireline Specialties equipment. MI & spot 2-3/8" work string tbg float. Attempted to bleed down pressure through 2" lines, pressure too great. ND w/offset spool, NU w/swing & blooie line bleeding down through blooie line, pumping kill water. Trouble removing surface check from long string tbg due to pressure build up overnight. NU w/offset spool and diverted gas flow from Mesa Verde to atmosphere. Released pressure valve in long string tbg. Worked long string tbg, unable to get any travel, pulled 42,000# on tbg. Ran free point in long string tbg, 100% free at 1550' and 80% free at 1590'. Made chemical cut at 5991'. Worked long string up hole 32'. Ran free point in long string tbg, 100% free at 1550' and 80% free at 1600'. Made chemical cut at 1550'. RD Wireline, tbg free. RU to flowback through blooie line. Turned over to flowback crew. Flowing back through blooie line and evaporating pit water

10/28/2001 NU stripper head and swing, replace BOP rams. TOOH w/cut off long string 2-1/16" tbg. Drug 800# over string weight for 300'. Recovered 46 jts & a piece - 42 good jts, 4 jts & a piece bad. MU over shot & bumper sub. Measure in hole w/same on 2-3/8" tbg. Engaged 2-1/16" fish at 244'. Worked free at 28,000# pull. TOOH w/fish. Stood back 2-3/8" & singled down w/ 2-1/16" short string tbg. Recovered all of the short string tbg = 179 js 2-1/16" tbg, SN and screen. Bottom jt & screen full of frac sand. Recovered tbg was bent, kinked & cork screwed. Fish drug 6000# to 8000# over tbg weight until the last 1600'. MU over shot & bumper sub. Measured & singled in hole w/same on 2-3/8" work string tbg. Engaged fish @ 1563'. TOOH w/fish. Stood back 2-3/8" work string tbg and 2-1/16" long string tbg. Recovered 138 jts good tbg plus a piece. All 2-1/16" tbg above packer recovered, leaving a stub looking up. Bottom end of cut off piece retrieved looked very good with a slight flare. Will run over shot with an extension tomorrow to wash over stub, expecting sand fill. RU to flow back and evaporate pit water over night. Turned over to flow back crew

10/29/2001 MU over shot, extension, mill guide & bumper sub. Kill well with 2% KCl. Measured & singled in hole w/ 2-3/8" work string tbg with fishing assembly. Located top of long string fish at 5991'. Dressed top of fish & engaged same. Worked bumper sub w/ jar action at 28000# over string weight, 45 min to jar mandrel out of packer. TOOH with tbg and fishing assembly. Recovered all of fish. Pump off plug, seat nipple, 58 jts 2-1/16" tubing, mandrel and cut off piece. Note: cut off piece above mandrel was dented in where falling pipe hit, this is the reason we were unable to get into the mandrel with the free point tools. Mandrel seals were bad. Sent to shop for repairs. RU to flow back through blooie line. Turned over to flow back crew. Flowing back and evaporating pit water

10/30/2001 TIH w/ 2-3/8" work string tbg. Ran 4 stds tbg and air cylinder on slips broke. Got new parts from Farmington. Completed TIH w/ work string tbg. Broke circulation with 10 bph air/soap/corrosion inhibitor. Tagged up at top of packer, no fill. Displaced well bore and recovered 60 bbls water. Blew well bore dry with air only. TOOH w/ 2-3/8" work string tbg, singled down with same. Measured in hole with 242 jts 2-1/16" 3.25#, 10 rd, J-55, I J long string tbg. Tagged pkr at 6002.76'. Space and land LS tbg over all at 7853.42'KB as follows, 1/2 mule shoe, seat nipple w/ pump off check, 57 jts 2-1/16" tbg, seal bore assembly, 184 jts 2-1/16" tbg, 8', 4', 4' pup jts, 1 jt 2-1/16" tbg. RU to flow back through blooie line. Turned over to flow back crew. Flowing back and evaporating pit water

10/31/2001 Replace RAM blocks w/2 1/16" offset rams. NU swing & stripper head. Moved out work string float & spot 2 1/16" tbg float. Measured & singled in hole w/ 185 jts 2 1/16", 3.25#, 10 rd, J55, IJ short string tbg. Landed short string tubing overall at 5826.68' w/KB as follows, bull nosed screen, seat nipple w/pump off check, 185 joints 2 1/16" short string tubing. ND w/stripper head and string. ND w/ BOP. NU w/Xmas tree. Pressure tested seals to 2000 psi, held solid. RU air, pump out long string plug at 1700 psi w/3 bbls water ahead, pump out short string plug at 550 psi w/3 bbls water. Flowed back both zones up tubing and recovered load. RD, clean location. Release well to production. Release rig @ 1830 hrs 10/31/01