

In Lieu of
Form 3160
(June 1990)

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation and Serial No. SF-078765
2. Name of Operator WILLIAMS PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 485' FSL & 1125' FEL, SE/4 SE/4 SEC 15-T31N-R06W	8. Well Name and No. ROSA UNIT #12B
	9. API Well No. 30-039-26555
	10. Field and Pool, or Exploratory Area BLANCO MV/BASIN DK
	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
Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Completion Operations</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.)*

11/18/2001 TIH w/ tbg & bit, tagged cmt @ 7789'. RU power swivel & circulating pump. Drilled cmt from 7789' to 7811', top of float collar. Displaced wellbore fluid w/ 181 bbls 2% KCl. Trip up hole & hung well off @ 7711'. Ready to spot acid & test csg Monday morning

11/19/2001 Set tension pkr @ 30'. Pressure test csg @ 6000 psi, solid test. Had problems releasing pkr. Displaced 250 gal 15% HCl across Dakota interval to be perforated. TOOH w/ tbg. MIRU BW W/L equipment. Perforated Dakota bottoms up in acid, 1 SPF, 0.38" holes at the following intervals: 7678', 80', 82', 84', 86', 88', 90', 7726', 28', 30', 32' & 34' (12 holes), all shots fired. RD BW, secure well, SDON

11/20/2001 NU tree saver. Acidize Dakota w/ 500 gal 15% HCl & 23 ball sealers. Broke back @ 3800#. Est 15 BPM rate & 4500#. ISIP = 2650#. Acidize @ 17 bpm @ 4500#. Balled off at 5500 psi. ND tree saver, TIH w/ junk basket. Recovered 1 ball w/ 1 hit. NU tree saver. Frac Dakota w/ 50,000# 20/40 Acfrac SB Excel resin coated sand @ 0.5, 1.0, 1.5, 2.0, 3.0 ppg carried in 60Q Spectra G foam @ 30 bpm. Total water = 767 bbls, total nitrogen = 894,800 SCF. Max TP = 5620#, min TP = 4800#, avg TP = 5400#. Avg rate = 30 BPM, max rate = 3- BPM. Five min = 4290#, 10 min = 4204#, 15 min = 4114#. RD BJ, NU flow back lines from tree saver to manifold. RU to flow back through 1/8" choke. Flowing back @ 4000#, recover broken gel water. Turned over to flow back crew. Flow back over night

Continue on reverse side

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

Signed Tracy Ross
TRACY ROSS

Title Production Analyst Date December 21, 2001

(This space for Federal or State office use)

Approved by _____

Title _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

DEC 27 2001

FARMINGTON FIELD OFFICE

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.

11/21/2001 Flowed back over night through 1/8" choke. Bled from 4000# to 2100# over night. ND tree saver & manifold flow back lines. NU flow back lines from csg to manifold. RU to flow back through 1/4" choke. Flowing back, recovering broken gel water & light sand after changing to 1/4" choke. NU swing & blooie line. RU to run tbq. RU Weatherford air unit. Flowing back through 1/4" choke until Friday morning

11/23/2001 Flowed back Dakota through 1/4" choke, recovered 280 bbls broken gel wtr w/ light to trace sand. Bled down from 2000# Wednesday to 80# @ 0730 hrs Friday. TIH w/ notched collar on 2-3/8" work string. Staged in hole unloading frac water, recovered 90 bbls broken gel water w/ trace of sand. Tagged fill @ 7710', TOOH w/ tbq. MIRU BWWC, TIHH & set CIBP @ 5712'. Filled wellbore w/ 2% KCl, pressure test CIBP @ 2500#, solid test. Perforated Point Lookout w/ 3 1/8" guns, 0.38" hole, 1 SPF under 2500 psi as follows: 5460', 64', 73', 78', 84', 86', 89', 94', 96', 5502', 04', 08', 18', 36', 50', 68', 77', 80', 98', 5602', 32' & 62' (22 holes). RD BWWC. Secure well until morning, ready to frac MV

11/24/2001 NU w/frac head. NU w/BJ equipment & pressure test lines @ 4500 psi. Acidize Point Lookout w/1000 gal 15% HCl & 50 ball sealers. Est 22 BPM rate @ 1300#. ISIP = 0#. Acidized @ 24 BPM @ 1300#. Balled off @ 3600# psi. TIH w/BJ, rec 49 balls, 21 hits. NU & rig to frac. Frac PT LO w/80,000# 20/40 Ariz sand & 1857 bbls slickwater @ 0.5, 1.0, 1.5, 2.0, PPG. Max rate = 75 BPM, avg rate = 74 BPM, 60 BPM, max TP = 3250#, avg TP = 3050#, min TP = 2800#, ISIP = 140#. ND rig for BWWC. TIH set RBP @ 5420'. Dump 8' sand on top RBP. Press test RBP @ 2500# - solid. Perf CH/Men w/ 26, 0.38" holes, 1 SPF, under 2500 psi at the following intervals: 4968', 98', 5173', 75', 77', 80', 5221', 15', 20', 23', 27', 28', 48', 51', 82', 88', 5328', 30', 32', 43', 45', 48', 51', 54', 57', 84'. Acidized CH/MEN w/1000 gal 15% HCl & 50 ball slrs. EST 9 BPM @ 2300#, acidized @ 24 BPM @ 2300#. Balled off @ 3600 psi. Good ball action. TIH w/junk basket, recovered 48 balls, 20 hits. NU rig to frac CH/MEN zones. Frac CH/MEN zones w/87,000# 20/40 Ariz sand & 1957 bbls slickwater, @ 0.5, 1.0, 1.5, 2.0 TPG. MAX RT = 76 BPM, AVER RT = 75 BPM, MIN RT = 60 BPM, MAX TP = 3280#, AVER TP = 3100#, MIN TP = 2800#. ISIP = 360 PSI. 5 MIN = 191#, 10 MIN = 140#, 15 MIN = 110#. RD BJ frac equip, NU stripper head & swing w/ blooie line. RU to run tbq

11/25/2001 Flowed back CH/MEN overnight. Flared & evaporated pit water. Recovered 500 bbls frac water total. Pitot test CH/MEN = 434 mcf/d. TIH, tagged sand fill @ 5310' = 110' fill. RU air package. Cleaned out sand fill from 5310' to RBP @ 5420'. Circulate w/ air/soap/corrosion inhibitor. Made soap sweeps, circulate clear. TOOH w/ tbq. MU & TIH w/ retrieving head. Circulate w/ air over RBP. Worked stuck RBP free. TOOH w/ RBP. Night set in, hung tbq off at 1500'. RU to flow back through blooie line. Turned over to flow back crew for the night. Unable to flare & evaporate water due to very high winds

11/26/2001 Flowed back CH/MEN overnight. Unable to flare due to high winds. Recovered 500 bbls frac wtr overnight. Hauled 1400 bbls frac wtr from pit to date. TOOH w/ RBP, TIH w/ tbq & bit. Tagged sand fill @ 5618'. CO sand fill to top of CIBP @ 5712'. Let well stabilize & made Pitot test - 514 mcf/d. MU power swivel & drilled out CIBP w/ 15 BPH air/soap/corrosion inhibitor. Plug fell through. Trip up hole w/ tbq to 4900'. RU to flow back all zones through blooie line over night. Winterized equipment & turned over to flow back crew for night. Will not flare due to wind

11/27/2001 Flowed back all zones overnight. Recovered 200 bbls frac water. Pitot test - 549 mcf/d. TIH w/ tbq & bit, tagged solid fill @ 7680'. MU power swivel, drilled & circulated w/ 10 BPH air/soap/corrosion inhibitor. Chasing CIBP from 7680' to TD @ 7811'. Circulated w/ 10 BPH air/soap/corrosion inhibitor at TD. Made soap sweeps cleaning up all zones. Trip up hole w/ tbq to 4900', winterized rig & equipment. RU to flow back all zones through blooie lines overnight. Turned over to flow back crew

11/28/2001 Flowed back all zones over night. Recovered 50 bbls water & no sand. Pitot test of all zones = 1808 mcf/d. TIH w/ tbq, tagged for fill, no fill. Tagged TD @ 7811', air lines frozen on rig. ND power swivel, TOOH w/ tbq, singled down with same. MIRU BWWC W/L. TIH, set Arrow Model "D" type production pkr @ 5800'. RD BWWC W/L equipment. C/O tbq equipment to 2-1/16". RU to run production tbq. Measured & singled in hole w/ 65 singles 2-1/16" LD tbq, darkness set in. RU to flowing back all zones through blooie line over night. Turned over to flow back crew

11/29/2001 Flowed back all zones over night. Measured & singles in hole w/ 2-1/16" LD tbq. Landed as follows: 1/2" mule shoe on bottom, SN & 239 jts 2-1/16", J-55, 3.25#, 10rd, IJ tbq @ 7749.21'. Measuring & singling in hole w/ short string tbq. Ran 145 jts tbq & darkness set in. RU to flow back all zones through blooie line over night. Turned over to flow back crew

11/30/2001 Flow back all zones over night. Complete TIH w/ SS tbq. Landed SS @ 5481' as follow: bull nose perforated sub, SN w/ pump out check, 175 singles 2-1/16", 3.25#, J55, 10rd, IJ tbq. ND swing & stripper head. ND BOP, NU xmas tree. Pressure test seals @ 2900 psi. RU air, pump off Dakota check at 1500 psi w/ 3 bbls wtr ahead. Flowed back & recovered load water. Pumped off MV check @ 900 psi. Recover load water. RD rig & equipment. LD mast & cleaned location. Turned well to production department. Released rig @ 1630 hrs