

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-078765

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROSA UNIT #181C

9. API Well No.
30-039-27714

10. Field and Pool, or Exploratory Area
BLANCO MV

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 25-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
140' FSL & 340' FWL, NE/4 NE/4 SEC 10-31N-06W

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

TYPE OF SUBMISSION

Notice of Intent
☒ Subsequent Report
Final Abandonment

TYPE OF ACTION

Abandonment
Recompletion
Plugging Back
Casing Repair
Altering Casing
Other Completion

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.)*

11-30-2004 NU Frac Y, RU Computalog to perf PLO 1 SPF w/ 3 1/8" SFG 0.34" dia, 27" pent, 10 gram chrgs @ 6430', 12', 08', 6376', 65', 57', 53', 39', 35', 30', 13', 07', 04', 02', 6299', 45', 22', 19', 09', 05', 02', 6199', 94', 87', 82', 76', 73', 61', 56', 53', 45', 43', 40', 36', 33', 28', 24', 21', 17', 10', 07', 04', 01', 43 total shots, all shots fired, WL broke down, released Computalog. RD perforators & SDFN.

12-01-2004 Est rate @ 25 bpm @ 1170 psi, spear head 24 bbls 15% HCL acid @ 14 bpm, Frac PT/LO w/ 9300# Lite Prop 125 @ .1, .2, & .3 ppg followed w/ 5000 lbs Brown Sand @ 1.0 ppg, carried in slick wtr, Total FW = 2276, Total FR = 80 gals, MTP = 3500 psi, ATP = 2815 psi, MIR = 85 bpm, AIR = 76 bpm, ISIP = vac. WL set CIBP @ 6085', psi test CIBP @ 3500 psi, tested good. Perforate CH/MEN 1SPF w/ 3 1/8" SFG, 0.34" dia, 15" pent & 12 gram chgs @ 6045', 32', 28', 03', 5993', 81', 70', 68', 42', 35', 33', 29', 07', 04', 5886', 79', 77', 75', 70', 59', 58', 55', 51', 47', 39', 34', 30', 17', 15', 13', 08', 5789', 79', 61', 30', 06', 5699', 92', 82', 77', 74', 55', 31', 27', 24', 13', 09', 5546' & 43', 49 total shots, all shots fired. Est rate @ 26 bpm @ 1600 psi, spear head 42 bbls 15% HCL acid @ 11 bpm, Frac CH/MEN w/ 9300# Lite Prop 125 @ .1, .2 & .3 ppg followed w/ 5000# Brown Sand @ 1.0 ppg, carried in slick wtr, Total FW = 2307, Total FRW = 90 gals, MTP = 3320 psi, ATP = 1623 psi, MIR = 72 bpm, AIR = 72 bpm ISIP = 105 psi, ND Frac Y, SDFN.

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date May 10, 2006

(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.

ACCEPTED FOR RECORD

MAY 17 2006

NMCCD FARMINGTON FIELD OFFICE

12-08-2004 Move rig over, RU rig, SICP = 175 psi. RU hard line from pump & pit, NU blooie line, bleed well down. Tally, rabbit & PU 51 jts 2 3/8" tbg, PU tools & SDFN.

12-09-2004 SICP = 225 psi, SU rig & equip, blow well down. Tally, rabbit & TIH w/ 141 jts tbg, Stage in @ 3000' & 5000', tag fill @ 6000', 190 jts total. Break circ w/ 15 bph a/s mist, C/O 90' of fill to CIBP set @ 6090', cut mist & unload well w/ air only, run bucket test & well making appr 18 bph. TOO H w/ 5 stds tbg, SDFN

12-10-2004 SU rig & equip, blow well down. TIH w/ 5 stds tbg & check for fill. Break circ w/ 15 bph a/s mist, C/O 35' of fill, to top of CIBP. PU 20' off CIBP & blow well dry w/ air only, evaporate reserve pit, TOO H w/ 5 stds. Gauge well on 2" open line, all gauges dry = 16 lbs, SDFN.

12-13-2004 SICP = 1100 psi, SU rig & equip, blow well down. TIH w/ 5 stds 2 3/4" tbg, check for fill, tag CIBP @ 6090'. RU power swivel, break circ w/ 15 bph a/s mist. DO CIBP, push CIBP to 6680', CO 40' of fill f/ 6680' to 6720', run four 5 bbl sweeps. Unload PLO w/ air only, evaporate reserve pit, TOO H w/ 5 stds, PU tools, SDFN.

12-14-2004 SICP = 1200 psi, blow well down. TIH w/ 5 stds tbg, tag fill, RU power swivel, C/O appr 15' of fill w/ 15 bph a/s mist, run two 5 bbl sweeps, blow well dry w/ air only. RD power swivel, TOO H w/ 5 stds tbg, nat flow well & evaporate reserve pit. Gauge well on 2" open line, all gauges dry = 20 lbs, SDFN.

12-15-2004 SICP = 1100 psi, SU rig & equip, blow well down. TIH w/ 5 stds 2 3/4" tbg & check for fill. Break circ w/ 15 bph a/s mist, C/O appr 10' of fill, run two 5 bbl sweeps, blow well dry. TOO H w/ bit, shut & lock rams. Gauge well on 2" open line, all gauges dry = 27 lbs, SDFN.

12-16-2004 SICP = 1225 psi, SU equip, blow well down. MU 1/2 mule shoe, 1 jt tbg & exp check, TIH w/ 210 jts tbg, LD 6 jts tbg on float. Land tbg @ 6471' KB as follows 1/2 mule shoe, one jt 2 3/4", J-55, 4.7 # EUE 8rnd tbg, 1.81" SN & 204 jts 2 3/4", J-55, 4.70 #, EUE 8rnd tbg, 205 total jts, SN set @ 6439'. NDBOP's & NUWH, test WH @ 2500 psi, tested good, pump out exp check @ 750 psi, NF well 30 mins to get air out of well. RD rig, pump, pit & hard lines, turn well over to production department, move rig to Jicarilla 92 #8.

Pipe delivered to Rosa 181 C: 213 jts 2 3/8" J-55, 4.70 # EUE tbg

Pipe carried over f/ Rosa 169 C: 7 jts 2 3/8" J-55, 4.70 # EUE tbg

Pipe used in Rosa 181 C: 205 jts 2 3/8" J-55 4.70 # EUE tbg

Pipe carried over to Jicarilla 92 # 8: 15 jts, J-55, 4.70 # EUE tbg

ROSA UNIT #181C BLANCO MESAVERDE

Surface Location:

140 FSL and 340' FWL
SW/4 SW/4 Sec 02(M), T31N, R6W
Rio Arriba, NM

Bottom Hole Location:

320' FNL and 1311' FEL
NE/4 NE/4 Sec 10(A), 31N, 6W
Rio Arriba, NM

Elevation: 6404' GR
API # 30-039-27714

Spud: 11-10-04

Completed: 12-16-04

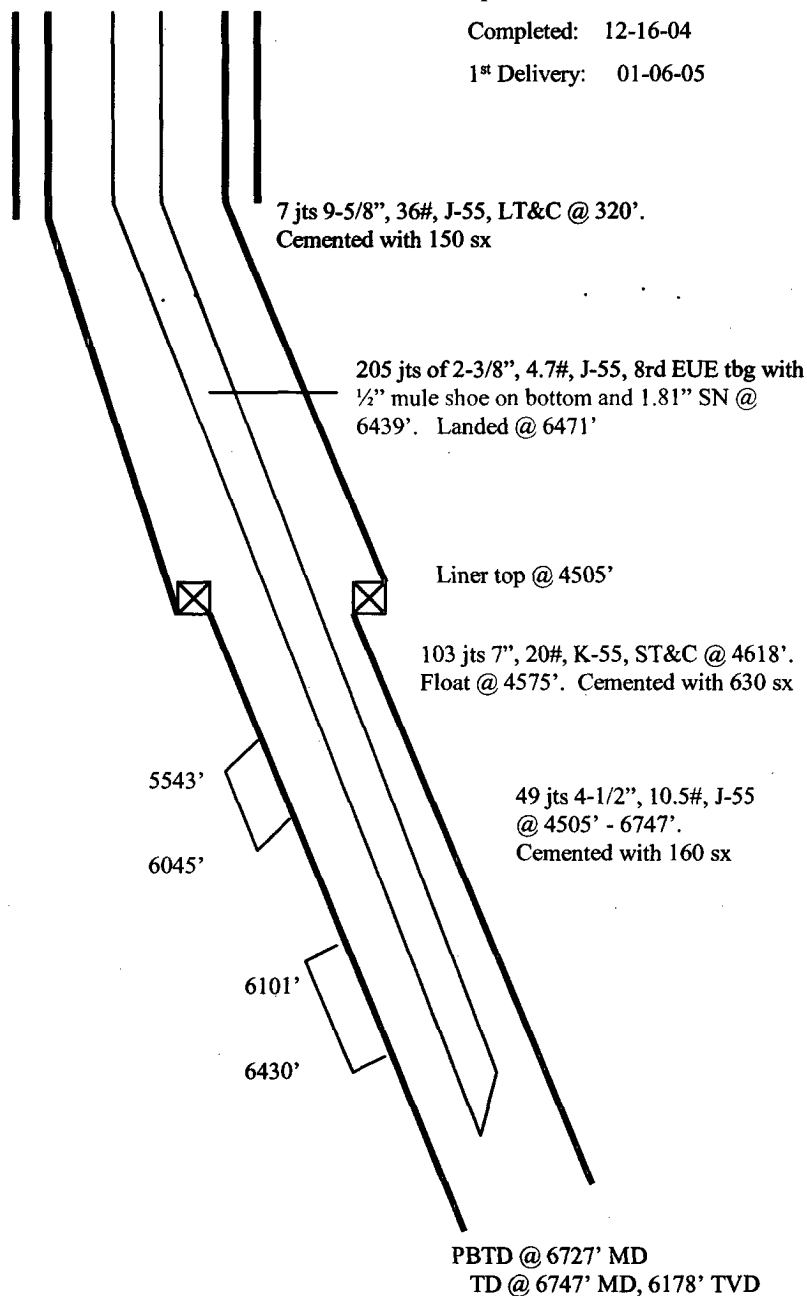
1st Delivery: 01-06-05

Top	MD Depth
Huerfanito Ben.	4617'
Cliffhouse Ss.	5834'
Menefee	5878'
Point Lookout	6100'

Stimulation:

CH/Menefee: 5543' – 6045' (49, 0.34" holes) Frac with 80,000# 20/40 sand in 2307 bbls slick water.

Point Lookout: 6101' – 6430' (43, 0.34" holes) Frac with 9300# Lite Prop 125 followed w/ 5000# Brown sand carried in 2276 bbls slick water.



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sx	209 cu. ft.	Surface
8-3/4"	7", 20#	630 sx	1230 cu. ft.	Surface
6-1/4"	4-1/2", 10.5#	160 sx	343 cu. ft.	4550'