

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

OCT -6 PM 12:56
070 FARMINGTON, 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)
930' FNL & 1625' FEL, NW/4 NE/4 SEC 28-31N-5W

5. Lease Designation and Serial No.
SF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #168A

9. API Well No.
30-039-26388

10. Field and Pool, or Exploratory Area
BLANCO MV

11. County or Parish, State
RIO ARRIBA, NM

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 OPERATIONS

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.)*

9-05-2000 MIRU, NDWH, NUBOPs, NU swing & blooie line, RU rig floor. Tally in w/3 7/8" bit & 155 jts 2 3/8" tbg to 4840'

9-06-2000 Cont in w/bit to 6458'. RU BJ, circ hole clean w/fw, pres test csg to 3600 psi. LD 4 jts, bit @ 6340', spot 500 gals 15 % HCl acid across Point Lookout interval. TOO H w/bit. Perforate Point Lookout top down in acid @ 6095', 97', 6102', 14', 17', 21', 24', 26', 29', 32', 37', 39', 44', 49', 51', 54', 60', 65', 67', 69', 71', 77', 95', 6205', 21', 43', 52', 58', 78', 89', 6315', 37', 39', all shots fired (33 total). RD rig floor, ND swing, NU frac head

9-07-2000 RU BJ, hold safety meeting. Pres test lines, est inj rate of 44 bpm @ 2035 psi. Acdz Pt. Lookout w/1000 gals 15% hcl acid & 55 balls sealers, ball off @ 3640 psi. Ru wl, rec 27 balls w/27 hits. Frac Pt. Lookout w/81,000 lbs 20/40 Az & 2006 bbls FW @ .5, 1, 1.5 & 2 ppg (slickwater). Max TP = 3640 psi, MIR = 99 bpm, ISIP = 60 psi. Min TP = 3400 psi, Min IR = 90 bpm. Avg tp = 3500 psi, AIR = 96 bpm. WL set 4 1/2" CIBP @ 5950', pres test cibp to 3600 psi & held. Perforate Cliffhouse/Menefee bttm up under 2000 psi w/3 1/8"sfg, 12 grm chgs & .38" dia holes @ 4916', 29', 39', 47', 72', 5061', 80', 89', 5177', 5246', 5641', 58', 5875', 78', 81', 5920', 23', 25', 28', 32', 35', 44', 46', 47', 48', 49', 50', (27 holes ttl) make 2 runs, misfire 1st run, all shots fired. Break down CH/MEN @ 2800 psi, est inj rate of 39 bpm @ 2950 psi, isip = 200 psi, acdz CH/MEN w/1000 gals 15% Hcl acid & 55 ball sealers, good ball action, close ball off @ 3450 psi. Ru wl, rec 35 balls w/21 hits, make 2 runs, rec no balls 2nd run. Frac Cliffhouse/Menefee w/78,000 lbs 20/40 Az & 1900 bbls fw @ .5, 1, 1.5, & 2 ppg (slickwater). Max tp = 3610 psi, MIR = 100 bpm, ISIP = 290 psi. Min tp = 3120 psi, 5 Min = 234 psi. Avg tp = 3320 psi, AIR = 95 bpm Rd BJ, ND frac head, NU swing & blooie line, ru rig floor. TIH w/3 7/8" bit, bs, 5 3-1/8" DC's & 113 jts 2 3/8" tbg to 3681'. Unload well w/air
Continued on reverse side

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date October 4, 2000

(This space for Federal or State office use)

Approved by _____

Title _____

Date OCT 16 2000

Conditions of approval, if any:

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.

9-08-2000 TIH & tag 30' of fill @ 5920'. CO to CIBP @ 5950'. Blow well f/PBTD. Drill out CIBP @ 5950' w/14 bph air/soap mist. Drill on & push bttm ½ of CIBP to PBTD @ 6452'. Blow well w/air only f/PBTD, ret's heavy water & heavy sand. TOOH to 3850'. Flow natural w/drywatch

9-09-2000 TIH & tag 205' of fill @ 6247'. CO well f/6247'- 6452' w/14 bph air/soap mist. Blow well f/PBTD w/air only. TOOH to 3850'. Gauge well on 2" open line, all gauges med mist = 2595 mcfd. Flow natural w/drywatch

9-10-2000 Flow natural w/drywatch, evaporate pit

9-11-2000 Tag 30' of fill & CO. TOOH w/bit, LD DC's. Flow natural, bucket test = 1.1 bph w/ ½ cup sand. TIH w/prod tbg to 3850'. Flow natural w/drywatch

9-12-2000 Continue in w/prod tbg, tag 8' of fill @ 6444'. CO to PBTD @ 6452', run two 6 bbl sweeps. Blow dry w/air only. Land tbg in hanger @ 6299' kb w/201 jts total. ND swing & blooie line, NUWH, pump off check. Gauge well on 2" line, all gauges lite mist avg 2039 mcfd. Release rig @ 1400 hrs, final report