

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

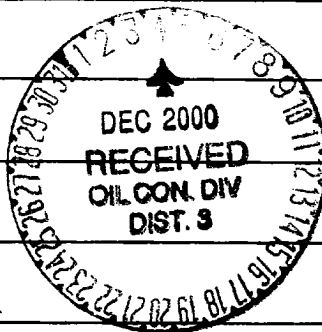
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

5. Lease Designation and Serial No.  
SF-078773

6. If Indian, Allottee or Tribe Name

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)  
2035' FSL & 1725' FWL, NE/4 SE/4 SEC 34-31N-5W



7. If Unit or CA, Agreement Designation  
ROSA UNIT

8. Well Name and No.  
ROSA UNIT #188

9. API Well No.  
30-039-26397

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.)\*

9-17-2000 MIRU, NDWH, NUBOPs & swing, ru power swivel & hang back

9-18-2000 Tally in w/bit to TOB @ 3985'. Drill on & spud on wiper plug f/3985'- 4044' & quit making hole. TOO H w/spent bit. TIH w/3 7/8" cone bit. Finish drlg out aluminum plug & soft cmt from 4044'- 4090'. Circ hole clean, PU above TOL

9-19-2000 TIH to 4090', RU power swivel, break circ with fresh water. Drill out cmt from 4090'- 5392'. Circulate clean, PU bit above TOL

9-20-2000 TIH to 5392', RU swivel, break circ with fresh water. Drill out cmt 5392'- 6396'. Circ hole clean with 190 bbls fresh water. Hang swivel back, TOO H to 3300'

9-21-2000 Continue out w/bit. RU Halco WL, run CBL from 6407'- 3985' 2 times, 2<sup>nd</sup> run under pressure. Dump pit & CO cement

9-22-2000 TIH open ended to 6324'. Wait on BJ. RU BJ, pres test csg, spot 500 gals 15% HCl acid across Point Lookout interval. TOO H w/tbg. Perforate Point Lookout top down in acid /3 1/8" sfg, 12.5 grm chgs & .37" dia holes @ 6007', 10', 13', 17', 20', 24', 27', 32', 35', 40', 43', 47', 51', 55', 60', 63', 72', 84', 87', 89', 95', 6100', 04', 16', 23', 37', 42', 54', 74', 97', 6231', 46', 59', 6303' & 24', all shots fired, (35 total). ND swing, NU frac head

Continued on reverse side

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

Signed Tracy Ross  
Tracy Ross

Title Production Analyst

Date ACCEPTED FOR REC'D  
October 13, 2000

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_

Conditions of approval, if any:

NOV 30 2000  
FARMINGTON FIELD OFFICE  
BY [Signature]

9-23-2000 RU BJ, hold safety mtg & test lines. Est inj rate of 43 bpm @ 1550 psi, isip = vac, acdz Point Lookout w/1000 gals 15% HCl acid & 55 balls. Ball action but no ball off, check ball gun, 46 balls left in gun. Rec 9 balls w/9 hits. Frac Point Lookout w/80,000 lbs 20/40 Az sand & 2031 bbls freshwater, MIR = 103 bpm, AIR = 98 bpm, MTP = 3184 psi, ATP = 2980 psi. MIN TP = 2740 psi, ISIP = 168 psi, 1 min = vac. WL set 4 1/2" CIBP @ 5986'. Load csg w/ 58 bbls freshwater, pressure test CIBP to 3600 psi. Perforate 4 sqz holes @ 5528'

9-26-2000 NU stripper head, MU tools. TIH w/Arrow 4 1/2" tension pkr & set @ 5285'. RU BJ, pressure & WI backside w/ 500 psi, mix and pump 150 sx Class H cmt w/2 % CaCl @ 15.6 ppg @ 5528'. Hesitate squeeze to 1200 psi & lock up. Release pkr & reverse out. Reset pkr, pressure squeeze to 1000 psi & SI

9-27-2000 Rel pkr & TOOH. TIH w/3 7/8" bit, BS, five 3-1/8" DC's & 165 jts 2 3/8" tbg, tag TOC @ 5298'. RU power swivel, break circ. Drill out hard cmt from 5298' - 5530' & fell thru. Cont in w/bit, tag 6' of fill @ 5980', CO to CIBP @ 5986'. Circ clean, pres test sqz to 2000 psi & held. TOOH w/bit. RU WL, run CBL from 5400' - 5740', 90% bond from 5472' - 5584', top perf @ 5528'. Finish NU blooie line

9-28-2000 ND swing, NU frac head. Perforate CH/MEN bttm up under 2000 psi f/5528', 47', 5752', 54', 56', 80', 90', 93', 96', 5811', 15', 27', 29', 38', 42', 47', 50', 54', 57', 80', 83', 86', 89', 92', 99', 5904', 09', 32', 35' & 36' (30 holes total). RU BJ, est inj rate acdz CH/MEN w/1000 gals 15% hcl acid & 60 balls, ball off @ 3500 psi. Rec 60 balls w/28 hits. Frac CH/MEN w/80,000 lbs 20/40 Az & 1857 bbls fw, MIR = 105 bpm, AIR = 102 bpm, MTP = 3471 psi, ATP = 3150 psi, ISIP = 350 psi, 5 min = 148 psi, 15 min = 72 psi. Rd BJ, ND frac head, NU swing. TIH & tag 154' of fill @ 5832'. Unload well w/air from 5832'. LD 14 jts, TOOH to 3710'. Blow well w/air

9-29-2000 TIH & tag 40' fill @ 5946'. RU power swivel, break circ w/14 bph air/soap mist, CO to CIBP @ 5986', run 6 bbl sweep. Blow well w/ air only ret's heavy water & med sand. Drill out CIBP @ 5986' w/ 14 bph air/soap mist. Drill on & push bottom 1/2 of CIBP to PBTD @ 6420'. Blow from PBTD w/air only, ret's heavy water & heavy sand. Hang swivel back, TOOH w/80 jts to 3924'

9-30-2000 TIH & tag 15' of fill @ 6405'. CO to PBTD @ 6420' w/ 14 bph air/soap mist, run 6 bbl sweep. Blow well w/air only, ret's med water & light sand. TOOH w/80 jts to 3924'. Gauge well on 2" open line, all gauges lite mist - 7158 mcf

10-02-2000 TIH & tag 20' of fill @ 6400'. CO to PBTD @ 6420' w/ 14 bph air/mist, run two 6 bbl sweeps. Blow dry w/air only. TOOH w/DC's, LD same. Gauge well on 2" open line, all gauges dry avg 4922 mcf. TIH w/ 202 jts 2-3/8" prod tbg w/ 1/2" mule shoe on bottom and SN/EXP check 1 jt up, land @ 6302' kb. NDBOP's, NUWH, pump off check @ 750 psi. Release rig @ 1730 hrs