

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-078767

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

ROSA UNIT #149B

9. API Well No.

30-039-26599

10. Field and Pool, or Exploratory Area

BLANCO MV/BASIN DK

11. County or Parish, State

RIO ARRIBA, NM

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator

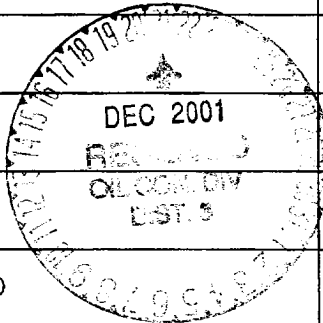
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.

PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1440' FNL & 355' FWL, SW/4 NW/4 SEC 12-T31N-R06W



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.)*

11/05/2001 MIRU, NU BOP's. MI and spotted work string tbg float. MI & spotted circulating pump, NU with same. MU 4 3/4" bit. Measured and singled in hole with same on 2-3/8" work string tbg. Ran 106 jts of tbg

11/06/2001 Complete measuring and singling in hole with tbg. Tagged top of cmt at 8096'. RU power swivel. Drilling at 8096', drilling hard, let cuttings surface, recovered metal cuttings. Got OK to drill out float collar and make 10' hole for rat hole. Bottom perf at 8095'. Drilled from 8096' to 8099'. Broke through float collar, tagged solid at 8114'. RD power swivel. TIH 60', PU & set Weatherford tension pkr at 30'. RU BJ, pressure test csg, pumped at 1.5 bpm at 1230 psi. RD BJ, release pkr. TOOH w/ tbg and bit. RU BWWC and wait on CIBP delivery from Farmington. TIH with 51/2" CIBP, set @ 8113'. PU & set tension pkr at 30'. RU, pressure test 51/2" csg at 6000#, solid. Broke down, load out pkr. TIH w/ tbg and saw tooth collar. Hung tbg off at 8090'. Drain pump and lines, secure well until morning

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 10, 2001

(This space for Federal or State office use)

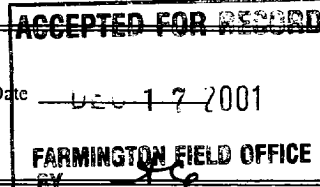
Approved by

Title

Date

DEC 17 2001

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.

RMOCB

K

11/07/2001 Displaced well bore w/KCl and spot 250 gal HCl. TOOH w/tbg. RU wire line. Perf Dakota w/ 1 spf as follows: 7956', 58', 60', 62', 64', 96', 98', 8004', 06', 10', 12', 16', 19', 21', 23', 33', 49', 70', 88', 90', 93' & 95', shot 22 holes. RD tree saver. RU BJ. Acidize Dakota perfs w/ 500 gal HCl & 30 ball sealers. Est rt 20 bpm at 2530#, ISIP 1680#. Acidized at 18 bpm at 2500#. Good action no ball off. ND tree saver, TIH w/ junk basket, recover 28 balls, 22 hits. NU w/ tree saver, frac Dakota zone w/ 90,000# 20/40 Acfrac SB Excel resin sand at 0.5, 1.0, 1.5, 2.0, 3.0 ppg carried in 60 quality spectra G foam at 35 bpm. Total wtr=799 bbl, total nitrogen=1,319,700 SCFM. Max TP=4720#, min TP=4300#, aver TP=4550#, aver RT=17 bpm, max RT=21 bpm, ISIP=4080#, 5 min=3608#, 10 min=3478#, 15 min=3405#. Flushed to top perf. RD BJ frac equipment. NU flow back manifold and flow back lines to tree saver, turned over to flow back crew. Flowing back through 1/8" choke at 3200#. Recovering broken frac gel and heavy wtr returns

11/08/2001 Flow back over night through 1/8" choke: 2000 hrs - 3000#, no sand, heavy water. 2200 hrs: 2400#, no sand, heavy water. 0200 hrs: 2000#, no sand, heavy water. 0400 hrs: 2000#, lt sand, heavy water. 0600 hrs: 2000#, lt sand, heavy water. 0700 hrs: 1/4" choke, lt sand, med water. 0900 hrs: 1800#, tr sand, med water. 1100 hrs: 1600#, tr sand, med water. 1400 hrs: 1300#, no sand, med water. ND w/ tree saver & flow back lines. NU w/ flow back lines from csg to manifold. NU w/ swing and blooie line. NU w/ stripper head. RU to run in hole w/ tbg in the morning. Moved in and RU Weatherford air unit. Flowing back Dakota zone through 1/4" choke over night

11/09/2001 Flowed back through 1/4" choke over night. Bled down to 300# by 0700 hrs this am. Recovering med to heavy water, no sand. Still recovering broken gel water. Unable to pitot, too wet. Recovered 200 bbls water over night. Total water recovered to date 350 bbls. TIH w/tbg. Tagged fill at 8098' = 15' of fill, all perfs were open. CO to TD at 8113'. Circulated w/10 bph/air/soap/corr inhib. TOOH w/ tbg. ND w/swing and stripper head. RU BWWC. Set CIBP at 6059'. Fill casing w/KCl. Pressure tested CIBP at 2000#, solid test. TIH w/ gun. Circulating pump broke down, unable to pressure up casing to perforate. TOOH w/gun, made well secure until morning

11/10/2001 Perf PT LO w/3 1/8" carrier 0.38 holes, 22 holes. Perforated under 2500 PSI as follows: 5949', 53', 67', 69', 71', 73', 77', 79', 83', 5808', 30', 38', 41', 58', 70', 5928', 47', 55', 82', 84', 6001' & 05'. RU BJ, hold safety meeting. Pressure test lines. Acidize PT LO w/1000 gal 15% HCL and 50 ball sealers. Est 24 bpm rt @ 1850#, ISIP 100#. Acidized at 30 bpm @ 1700#. Ball off at 3500#. Good ball action. On a vacuum. TIH w/junk basket, rec 50 balls, 27 hits. NU frac head and BJ. Frac PT LO w/80,000# 20/40 AZ sand and 1887 bbl SL wtr @ 0.5#, 1.0#, 1.5#, 2.0# PPG. Max rt = 90 BPM, average Rt = 85 BPM, min rt = 71 BPM, max tp = 3000#, aver tp = 2950#, min tp = 2400#, ISIP = 0#. BWWC trip in hole set RBP @ 5741', dump 7' snd on top. Pressure test RBP @ 3500#. Solid test. Perf CH/MEN w/34, 0.38 holes 1-SPF under 2500 PSI as follows: 4700', 08', 20', 4826', 69', 75', 5267', 5311', 5484', 87', 92', 5515', 17', 28', 31', 33', 37', 39', 40', 61', 64', 66', 69', 77', 81', 5727', 29', 41', 46', 48', 91', 94', 96', 5720'. (Note: Wireline problems w/misfires.) Acidize CH/MEN w/1000 GAL 15% HCL and 60 Ball Slrs. Est 20 BPM @ 1750#, ISIP = 240#, acidized at 26 BPM @ 1750#, ISIP = 240#, no ball off, very good ball action. TIH w/JB stopped and stuck @ 204', worked free. Rep 4 3/4" GR w/4 1/4" GR. TIH w/JB. Rec 32 Bls, 18 Hits. Frac CH/MEN w/80,000# 20/40 AZ sand & 1921 BBL sl wtr @ 0.5#, 1.0#, 1.5#, 2.0# PPG. Mx rt = 101 BPM, Avg rt = 98 BPM, min rt = 77 BPM, max tp = 3180#, aver tp = 3050#, min tp = 2900#, ISIP = 220#, 5 min = 171#, 10 min = 110#, 15 min = 90#. Rig down w/BJ and BWWC

11/11/2001 40 psi on csg at 0730 hrs. NU w/ swing and stripper head to blooie line. TIH w/ tbg. Staged in hole w/ tbg, unloading frac water. Tagged sand fill at 5600'. CO to top of RBP at 5741'. Circulated at 5735 with 10 bph air/soap/corrosion inhibitor. Making gas but to wet to flare. Recovering very heavy water and light to medium sand. Recovered 650 bbls water to day. TIH w/ tbg and hung off at 4650'

11/12/2001 Flowed back through blooie line over night. Recovered 200 bbls of wtr. Recovered 850 bbls of water to date. Pitot test = 2416 mcf/d. TIH w/ tbg, tagged sand fill @ 5734' - 7' of sand fill over night. Circulate clean & made soap sweeps. TOOH w/ tbg, TIH w/ retrieving head & tbg. Circulated over RBP & release same, no noticeable gas pressure increase. TOOH w/ tbg & RBP. Broke down & loaded out same. MU & TIH w/ 4 3/4" bit. Tagged sand fill @ 5956' - 103' sand on top of CIBP @ 6059'. Unloaded well bore w/ air. Trip up hole w/ tbg & hunk off at 4600'. Riggd to flow back through blooie line over night

11/13/2001 Flowed back Mesa Verde zones over night. Recovered 65 bbls wtr. Total wtr recovered to date 915 bbls. TIH w/ tbg & bit, tagged fill @ 5956'. CO w/ 10 BPH soap/air/corrosion inhibitor from 5956' to top of CIBP @ 6059'. Flaring & evaporating pit wtr. Made Pitot test = 2774 mcf/d. Drilled out CIBP, large gas increase. Chased CIBP remnant to 8093'. RU & circulated w/ air. CO to 8100'. CIBP hanging up, running out of daylight. Trip up hole w/ tbg & hung off @ 4600'. RU to flow back through blooie line

11/14/2001 Flowed back all zones over night. Made Pitot test of Mesa Verde & Dakota zones = 2883 mcf/d, TIH w/ tbg, tagged up @ 8100', no fill over night. Circulated & drilled to TD @ 8113'. Cleaned up Mesa Verde & Dakota zones. Circulating 10 bph air/soap/corrosion inhibitor. Recovered light to medium water and traces of sand. Flaring and evaporating pit water. Trip up hole w/ tbg, hung off @ 4600'. Riggd to flow back through blooie line

11/15/2001 Flowed back all zones over night. Recovered no sand & light wtr. Pitot test all zones = 2883 mcf/d. TIH & tagged for fill, no fill over night. TOOH w/ work string, singled down w/ same. RU BW W/L equipment, set production pkr @ 6150'. RD BW. Change BOP rams to 2-1/16", RU to run production tbg. TIH w/ 180 singles & seal assembly on 2-1/16" ling string tbg

11/16/2001 Flowed back all zones over night. Completed TIH w/ 2-1/16", 3.25#, J-55 IJ, 10rd tbg, tagged pkr @ 6150'. Spaced & landed w/ 10,000# compression @ 8063.44' as follows: 1/2" mule shoe, SN w/ pump off check, 59 jts tbg, seal assembly, 190 jts tbg, no pup jts. Changed out pipe rams, ND swing & stripper head. MI & spot 2-1/16" tbg float. Measure & single in hole w/ 2-1/16" 3.25#, 10rd, J-55, IJ short string tbg. Landed short string @ 6080.27' as follows: bull nose screen, SN w/ pump off check, 188 jts 2-1/16" tbg. ND swing & stripper head. ND BOP. NU X-mas tree. Pressure tested seals @ 2800 psi, solid test. RU air, pump out long string check @ 950 psi w/ 3 bbls water ahead. Flowed back Dakota, recovered load. Pitot test = 1374 mcf/d. Attempted to pump off short sting check, unable to get pumped off completely. Gas flow restricted flowing through tbg

11/17/2001 Mesa Verde finally came around. Pitot test = 1865 mcf/d. Dakota pitot test = 1374 mcf/d. Equalized pressure on short string tbg & csg. Pumped 2 bbls water down tbg & pump off check broke free. RD w/ rig & equipment. Loaded out rig equipment & cleaned location. Turned well to production department