

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

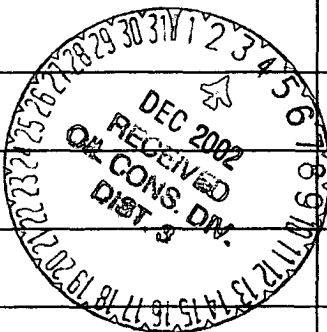
SUBMIT IN TRIPLICATE

1. Type of Well
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 25-1, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
10' FSL & 2470' FEL, SW/4 SE/4 SEC 08-31N-05W



5. Lease Designation and Serial No.
NMSE078768 078763

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
ROSA UNIT #46A

9. API Well No.
30-039-26986

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 |
| <input checked="" type="checkbox"/> Subsequent Report | Recompletion |
| Final Abandonment | Plugging Back |
| | Casing Repair |
| | Altering Casing |
| | Other <u>Completion</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.)*

10/19/2002 MIRU, Spot equipment on location. ND WH, NU BOP. NU equipment. Laid flowlines. Shut in until Monday

10/21/2002 PU 4 3/4" bit & sub, tally & GIH w/ 2 3/8" work string. Tag PBTD @ 8077'. RU swivel, drilled 1' of cmt & rubber plug. Tag float collar @ 8079'. SD drilling, circ hole w/180 bbls of 2% KCL water. RD swivel & POOH w/ 2 3/8" work string. PBTD @ 8079'. RU Halliburton for logging

10/22/2002 PU 4 3/4" bit, sub & GIH w/ 2 3/8" tbg. RU BJ Services, held safety meeting. PU 5 1/2" tension pkr. Set pkr 30' from surface. Pressure test csg to 6000#, held OK. Release pkr, spot 250 gals of 15% HCL acid @ 8078'. RD BJ Services, POOH w/ 2 3/8" tbg. RU Computalog wireline, held safety meeting. Load perforating gun. GIH w/ 3 1/2" csg gun & shot one spf @ the following intervals: 7971', 74', 77', 79', 84', 87', 8013', 20', 23', 30', 33', 36', 39', 47', 50', 53', 56', 61', 68', 78' & 81'. (21 holes total). POOH & RD wireline

Continued on Back

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date November 15, 2002

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

DEC 02 2002

FARMINGTON FIELD OFFICE
BY [Signature]

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.

NMOCD

0/23/2002 RU BJ Services, held safety meeting. Test lines to 6500#. Est inj rate of 9 bpm @ 2300#. Acidize w/500 gals of 15% HCL sing 35 ball sealers. Avg PSI -3250# @ 26 BPM. No ball off. ISIP - 2340#. RU wireline. GIH w/junk basket. Recovered 0 ball sealers. 'erforations were clean. RU to frac. Frac totals of 1283 bbls of gelled water w/ 95,900# sand. Max PSI - 4100#, avg psi 3250#. Avg rate - 5 BPM. ISIP - 3500#, 5 mins - 3250#, 10 mins - 3215#, 15 mins - 3175#. RD Stinger wellhead. RD BJ Services. Tbg pressure 2900#. low well back on 1/8" choke. After two hrs tbg pressure was 2700#. Turn well over to flow back personnel

0/24/2002 Flow well over night on 1/8" choke. Pressure went from 2700# to 300# by 0500 hrs. Change choke to 1/4". Flow pressure @ 0730 was 250#. Change choke to 1/2". Well unloaded w/heavy water, no sand. Flow pressure was 400#. After 1.5 hrs, flowing pressure was 70#. Change choke to 3/4". Flowed for two hrs, pressure was 120# w/mist & no sand. Well flowed for three hrs, pressure was 60# w/light mist & no sand. Shut well in for 2 hrs. Turn well over to flow back personnel

0/25/2002 Well flowed over night w/ 1/2" choke @ 50# pressure. Killed well w/ 15 bbls of 2% KCl water. PU notched collar, SN & GIH w/ tag to 3130'. Pump air to unload well. Recovered light volume of fluid. GIH w/ tbg to 6252'. Pump air to unload well. Recovered large volume of fluid & small amount of sand. GIH w/ tbg & tag sand @ 8046', 33' of fill. Pump air to unload well. Recovered small volume of fluid & no sand. Lower tbg to 8074'. Pump air to unload well. Recovered small volume of fluid w/ large volume of sand. Pump 5-bbl sweep w/ soap. Recovered small volumes of fluid & sand. SD air package. LD 1 jt & POOH w/ 251' of tbg. Turn well over to flow back personnel

0/26/2002 Well had flair over night, no water, no sand. GIH w/2 3/8" tbg to 8074', no fill. Pumped air to unload well. Recovered water & small volume of sand. Continue to pump air. Pumped 5-bbl sweep w/ soap, well unloaded large volume of water & small amount of sand. Pump air for 1 hr. Pumped 5-bbl sweep w/ soap - well unloaded water & no sand. Turn well over to flow back personnel

0/27/2002 Well flowed over night on 30# pressure. Flair burned for 4 hrs. GIH w/ 283' of tbg to 8074', did not tag fill. Pumped 5-bbl sweep w/ soap. Recovered small volume of water & no sand. Well continue to flow w/ no water and no sand recovery. Pump 5-bbl sweep w/ soap. Recovered small volume of water, no sand. Flair would not burn continuous without compressor. Well bore entry w/ small volume of fluid & no sand. POOH w/ 2 3/8" tbg. SWI

0/28/2002 Csg pressure 1400#. Bleed well down. RU Computalog. PU CBP & GIH & set CBP @ 6150'. POOH w/wireline. GIH w/ 2-3/8" tbg to 6096', load hole. RU BJ Services. Pressure test CBP to 3000#, held OK. Spot 500 gals of 15% HCL acid @ 6096'. RU Computalog wireline. GIH w/3 1/8" csg gun & perforate one spf as follows: 5753', 57', 65', 71', 81', 85', 94', 5807', 10', 23', 28', 34', 58', 64', 71', 77', 94', 99', 5928', 70', 78', 6002', 07', 10', 23', 28', 51', 79' & 6088'. Total of 29 holes. RD wireline

0/29/2002 RU BJ Services, held safety meeting. Test lines to 4500#. Acidize w/1000 gals of 15% HCL w/ 60 ball sealers. Avg 31 bpm @ 3500#. Complete ball off. Retrieved 58 balls w/ 29 hits. Frac w/1891 bbls of gelled water & 80,000# sd. Avg 89 bpm @ 3150#. ISTP-10#, 5m-130#, 10m- 54#. GIH w/CBP on wireline & set @ 5743'. Pressure test CBP to 3500#, held OK. GIH & spot 12 gals of 28% acid @ 5730'. RU WL & GIH w/3 1/8" csg gun & perforate one spf as follows: 5220', 77', 92', 5320', 47', 55', 78', 5424', 50', 81', 5501', 09', 17', 19', 38', 72', 76', 87', 5609', 21', 28', 5713', 25', 30' & 5733'. (25 total holes) POOH w/wireline. Acidize w/1000 gals of 15% HCL w/50 ball sealers. Retrieve balls w/ wireline. RU BJ, frac w/1745 bbls of gelled water & 80,000# SD. Avg 65 bpm @ 3150#. ISTP-450#, 5M-340#, 10M- 310#, 15M- 297#. RD BJ Services. RD frac head. RU blow line

0/30/2002 RU & GIH w/ 4 1/4" mill, string float, SN & 2-3/8" tbg to 5050'. RU & pump air to unload well. Recovered large volume of wtr & ht sand. Well continue to flow water & light sand. GIH w/tbg & tag fill @ 5652', 91' of fill. Pumped 5-bbl sweep w/soap. Recovered wtr & large volume of sand. Flow well to clean well bore. Clean out sand to 5716'. Pumped two 5-bbl sweeps w/ soap. Recovered wtr & large volume of sand. POOH w/tbg to 4964'. Well flowing w/fluid & had a strong flair. Turn well over to flow back personnel

0/31/2002 GIH w/tbg & tag fill @ 5650'. RU & wash sand to top of CBP. Est. gas flow @ 900 mcf. Drill CBP @ 5743', pushed plug to 5753'. Let well flow for clean up of formation. Recovered large volumes of water & sand. RD swivel. Pushed plug to 6063', tag fill. Had problems moving tbg. Break circ. Pumped 5 bbl sweep w/ soap. Pipe moving free. POOH w/ tbg to 5640'. Well flowing for clean up. Pumped 5 bbl sweep w/ soap. Recovered heavy sand. POOH w/tbg to 5006'. Turn well over to flow back personnel

0/01/2002 GIH w/ tbg & tagged fill @ 5970'. RU swivel. Pumped air w/ mist. Washed sand to 6060'. Tag & drilled on CBP that was shed down hole. Washed 90' of sand. Tagged & drilled CBP @ 6150'. Flowed well for clean up. Pumped 5 bbl sweep w/ soap. Flowed well for clean up. Pushed CBP to PBTD @ 8079'. RD swivel. POOH w/ tbg to 4995'. Turned well over to flow back personnel

0/02/2002 Tag 23' of fill, CO to PBTD @ 8079' w/10 bph air/soap mist, run 7 bbl sweep. Blow well from PBTD w/10 bph a/s mist, run four bbl sweeps. Blow dry w/air only. PU bit to 5000'. Clean out spray bar, turn over to flowback

0/03/2002 Flow natural, evaporate pit

0/04/2002 TIH, tag 4' of fill @ 8075', RU swivel. Unload well w/ air only, CO to PBTD @ 8079', run two 6 bbl sweeps, RD swivel. POOH, w/2 3/8" work string. RU Black Warrior, WL set 5 1/2" Model "D" pkr @ 6250'. C/O to run 2 1/16" tbg. Tally in w/80 jts (long string)

0/05/2002 SICP = 700 psi, blow well down. Continue in w/long string, land @ 8018' as follows: 1/2 mule shoe, 1 jt 2 1/16" tbg, 1.50" S/N, 54 2 1/16" tbg, SBA w/5 seals, 192 jts 2 1/16" tbg, 6', 4', 2' pup jts & 1 jt 2 1/16" tbg (248 jts total) landed in pkr w/10,000 lbs compression. 3 rams, NU offset spool. Tally in w/short string, land @ 6052' as follows: perf sub, 1 jt 2 1/16" tbg, 1.50" s/n, & 188 jts 2 1/16" (189 total). 1 blooie line & BOPs: NUWH & pressure test to 3000 psi & held. Attempt to pump out LS plug, air pkg pop off @ 1450 psi, pump 8 bbls @ 1200 psi. Drain lines

0/06/2002 SITP = 950 psi (long string), open to flowback manifold, let well unload to pit. RU air to short string, pump out plug @ 750 psi, well unload to pit. Release rig. Turn well to production department. Final report.