

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)
720' FSL & 1265' FEL, SE/4 SE/4 SEC 6-31N-05W

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 #171C

9. API Well No.
30-039-27241

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	TYPE OF ACTION
Notice of Intent	Abandonment
☒ Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	Other <u>Drilling Complete</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.)*

07-20-2002 MIRU, drilled rathole and mousehole. Spud well @ 0430 hrs 7/20/02. Drilling surface

07-21-2002 Drill 12-1/4" surface. Repair hydromatic chain. Service rig. Finish drilling 12-1/4" surface to 295' KB. Circulate and survey (3/4" @ 165'). P.O.O.H. RU and ran 6 jts 9-5/8", 36#, K-55, 8 rd., ST&C csg (274.11) set @ 288' KB. RU BJ Services. Held safety meeting with all personnel. Pressure test lines to 1500 psi. Cemented casing as follows: ran 10 bbls H₂O spacer. Mixed and pump 154 sx (217 cu. ft.) Type III cement with 2% CaCl₂ and 0.25% Celloflake, 38.7 bbls 14.5 ppg. slurry. Shut down and drop plug. Displaced with 19.5 bbls H₂O. Shut down and shut in manifold with 60 psi. Had good circulation throughout the job and circulated 22 bbls thick cement to surface. WOC, NU BOP's. Pressure test BOPE to 300 psi low and 1500 psi. high, tested OK. Begin changing out to directional BHA

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date August 16, 2002

(This space for Federal or State office use)

Approved by _____

Title _____

Date AUG 26 2002

Conditions of approval, if any:

ACCEPTED FOR RECORD

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.

NMOCD

07-22-2002 LD DC's. PU, make up, orient & test directional tools. T1H with remainder of BHA. Tagged cement at 230' KB. Drilled cement, plug and shoe joint. Drill to KOP @ 500' Orient tool face to 244.7° azimuth and begin slide drill to establish a kick off. Drilling and surveying at report time. Pumping polymer sweeps. String weight = 60K-up 45K-down and 57K-rotating

07-23-2002 Pumping polymer sweeps on connections and high viscosity gel sweeps for excessive drag/torque or for any tight hole conditions. String weight = 80K-up, 48K-down, and 58K-rotating. Plans are to begin mud up within the next 6-7 hundred feet or as hole conditions warrant

07-24-2002 Calculated buoyed string weight is approx. 95K. May be necessary to make a bit trip before TD

07-25-2002 Calculated buoyed string weight is approx. 98K. Hole was in good condition on the trip out but tight spots were encountered on the trip back in the hole from 3418' to 3458' and from 3600' to 3618'. Washed and reamed approx. 390' to bottom, to wash out all tight spots and ream out of gauge hole. Keeping mud weight at 9.2+ to keep gas kicks under control while drilling through the Fruitland Coal

07-26-2002 String weight = 140-150K-up, 50K-down, and 78K-rotating. Calculated buoyed string weight is approx. 99K. Raised mud weight to 9.8+ to keep gas kicks under control while laying down drill pipe and running casing

07-27-2002 POOH & laid down directional tools, tripped to bottom (5' fill). Circulate bottoms up. POOH & laid down 4-1/2" DP, 6-1/4" DC's and HWDP. RU csg crew and change to 7" rams in BOP. Ran 108 js (4,808.55) of 7", 20#, K-55, 8rd, ST&C csg. Landed csg @ 4822' KB. Float @ 4775' KB. RU BJ and cement csg as follows: pumped 10 bbl H₂O ahead. Lead with 512 sx (1064 cu. ft.) of Premium Lite FM w/ 8% gel, 1% CaCl₂ and 1/4 lb/sx Celloflake. Displaced plug with 193.8 bbl H₂O. Bumped plug with 565 psi. @ 04:01 am 7-27-02. Plug held ok. Had good returns throughout the job and circulated 23 bbls of cement to surface. WOC (Changing over to air equipment while WOC)

07-28-2002 Finish changing over to air equipment. Pressure test BOP to 1500 psi, held ok. Make up and test hammer. Strap, #4, PU total of 19 steel 4-3/4" DC's. Unload, strap & pick up 3-1/2" DP. Installed rotating head rubber and unload hole at approx. 2400' Continued PU drill string. Tagged top of the cement at 4765' KB. Drill cement, rubber plug and float. Drill 6-1/4" hole. ROP @ report time approx. 65 fph

07-29-2002 Drill, trip for string floats to run surveys and run surveys. Had some tight hole at 5,204' but have had only normal torque and drag since. ROP @ report time approx. 35 fph. Hole is starting to return back to vertical with lighter bit weight (8-10K) and higher rotary RPM (75/80)

07-30-2002 Drill, and run surveys. ROP @ report time approx. 35 fph

07-31-2002 Finish drilling to TD @ 6990' MD. PU to blow hole at TD when drill string parted 532' below surface. Waiting on fishing tools at report time

08-01-2002 Wait on fishing tools. Made up 5-3/4" overshot dressed with a 4-1/16" spiral grapple. Two runs were made with the 5-3/4" overshot but markings on the inside of the overshot skirt indicated the fish was not going into the grapple. Changed to a 6-1/8" overshot after pulling one stand. Engaged fish, circulated string with 1700 Scfm air. Set back the Kelly but the string pulled tight after pulling one stand. Picked up the Kelly and blew hole with 2500 Scfm air and one sack of dry graphite. TOOH w/ fish. LD the joint with the dutchman in the box. Finished TOOH to the drill collars. Laying down drill collars at report time

08-02-2002 Finish laying down drill pipe and drill collars. Rig up casing crew and run 51 js. (2,302.37) of 4-1/2", 10.5#, K-55, 8 rd, ST&C casing and TIV 4-1/2" x 7" liner hanger. Ran the liner in the hole on drill pipe. Landed @ 6,943' KB. Latch collar @ 6,921' KB. Marker joint @ 6,305' MD & 5,430' TVD. Top of the liner @ 4,641' KB. 181' of overlap into the 7". Rig up cementing swivel & BJ Services equipment. Attempted to circulate casing to bottom. Cemented casing as follows: Pumped 10 bbls. gel water, 10 bbls. fresh water, 30sx. (95 cu. ft.) of Premium Lite High Strength FM, 2% KCl₂, 0.3% CD-32, 1% FL-52. (17 bbls. of scavenger slurry @ 11 ppb). Pumped 50 sx. lead (100 cu. ft.) of Premium Lite High Strength FM, 2% KCl₂, 0.3% CD-32, 1% FL-52. (18 bbls. of 12.5 ppb. slurry). Tailed with 100 sx. (203 cu. ft.) of Premium Lite High Strength FM, 2% KCl₂, 0.3% CD-32, 1% FL-52, 1/4 lb. sx. Celloflake, 4% Pheno Seal. (36 bbls. of 12.5 ppb. slurry). Shut down, dropped plug, washed pumps and line. Displaced with 71 bbls water. Bumped plug with 500 psi. Float held. Bled off pressure, set pack off, and circulated out 12 bbls. of cement. LDOP. ND BOP, Release rig