

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

2004 NOV 8 08 13 39
Lease Designation and Serial No.
NMSF078771

6. RECEIVED
If Indian, Allottee or Tribe Name
070 FARMINGTON NM

SUBMIT IN TRIPLICATE

1. Type of Well Oil Well ☒ Gas Well ☐ Other ☐	8. Well Name and No. ROSA UNIT #1 SWD
2. Name of Operator WILLIAMS PRODUCTION COMPANY	9. API Well No. 30-039-27055
3. Address and Telephone No. PO BOX 3102 MS 25-1, TULSA, OK 74101 (918) 573-6254	10. Field and Pool, or Exploratory Area UNNAMED
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2420' FSL & 1210' FEL, NW/4 SE/4 SEC 23-31N-06W	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
X 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.)*

07-08-2004 MIRU, mix mud, drilling rat & mouse holes. Spud 12 1/4" pilot hole @ 1730 hrs, 7/7/04.

07-09-2004 Drilling 12 1/4" pilot hole from 40' to 438'.

07-10-2004 Drig 12 1/4" pilot hole from 438' to 525', TOOHL, LD, change handling tools on floor, PU bit #2. Ream hole out to 17 1/2" from 0' to 165'.

07-11-2004 Ream hole to 17 1/2" from 165' to 530'. Circulate & condition hole. LD drill string, change bits to 26".

07-12-2004 LD drill string, change bits to 26". Ream hole out to 26" from 0' to 227'.

07-13-2004 Repair cellar pump, ream hole to 26" from 227' to 385'.

07-14-2004 Ream hole to 26" from 385' to 520'. TOOHL, prepare to run 20" csg.

Continue on Back

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

Signed Tracy Ross
Tracy Ross

Title Sr. Production Analyst

Date September 29, 2004

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

ACCEPTED FOR RECORD

NOV 29 2004

FARMINGTON FIELD OFFICE
BY 146

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

07-15-2004 RU to run 20" csg. RIH 13 jts 20" csg. Circulate & RU BJ. Cement csg. Pump 20 bbls FW spacer ahead. Lead: 1065 sx (394.5 bbls) Type III 65/35 POZ w/ 1% CHCL, .25% Celloflake & 8% Bentonite @ 12.08 ppg, 2.11 YD. Tail: 225 sx (56.1 bbls) Type III w/ .25% Celloflake @ 14.5 ppg, 1.4 YD. Displaced w/ 170.5 bbls FW. 145 bbls cement to surface. RD cementers. WOC. Cut off csg weld on & test wellhead.

07-16-2004 Cut off csg weld on & test wellhead @ 200 psi. NU BOPE. Test BOPE @ 1000 high, 250 low. Test surface csg to 1000 psi for 30 min. OK. PU bit #4 & TIH.

07-17-2004 TIH, tag cmt @ 492'. Drill 28' CMT with water. Drill from 530' to 537'. Displace hole with drilling fluid & condition same. Rotary drilling from 537' to 750'.

07-18-2004 Rotary drilling from 750' to 1085'.

07-19-2004 DRLG 17 1/2" hole from 1085' to 1314'.

07-20-2004 DRLG 17 1/2" hole from 1314' to 1543'.

07-21-2004 DRLG 17 1/2" hole from 1543' to 1659'.

07-22-2004 DRLG 17 1/2" hole from 1659' to 1877'.

07-23-2004 DRLG 17 1/2" hole from 1877' to 2127'.

07-24-2004 DRLG 17 1/2" hole from 2127' to 2363'.

07-25-2004 DRLG 17 1/2" hole from 2363' to 2635'.

07-26-2004 DRLG 17 1/2" hole from 2635' to 2853'.

07-27-2004 DRLG 17 1/2" hole from 2853' to 3134'.

07-28-2004 DRLG 17 1/2" hole from 3134' to 3212'.

07-29-2004 DRLG 17 1/2" hole from 3212' to 3438'.

07-30-2004 Drilling 17 1/2" hole from 3438' to 3553', twisted off drill string, circulate and condition hole. TOOH, left all BHA in hole except 3 DC's & 3 jts HWDP. PU & torque fishing tools.

07-31-2004 PU & torque fishing tools & TIH to top of fish. Spot bar pill in DP. Circulate bottoms up. Work over fish & latch on w/overshot. TOOH to fish, LD fish & 3 DC's. TIH, circulate & condition hole.

08-01-2004 TOOH for logs, loggers TD @ 3550'. TIH, no fill, circulate & condition hole. LDDP & DC's, RU csg crew, run 13 3/8" csg.

08-02-2004 RIH w/ 95 jts 13 3/8" csg, landed @ 3545', float collar @ 3506'. Circulate csg @ 3545'. RU BJ, cmt csg as follows: pump 60 bbls FW spacer ahead. Lead: 2000 sxs (772 bbls, 4220 cu.ft.) Type III 65/35 POZ w/ 1% CaCl + .25% Cello Flake & 8% bentonite @ 12.08 ppg, 2.11 YD. Tail: 844 sxs (209 bbls, 1182 cu.ft.) Type III w/ .25% Cello Flake @ 14.5 ppg, 1.4 YD. Displaced w/ 527.8 bbls FW. 407 bbls cmt to surface. Wash out BOP & ND. Attempt to set slips on 13 3/8" csg.

08-03-2004 Attempt to set csg slips, could not move csg to center of hole. Cmt had set up before BOP was ND & lifted. WO orders, cut off 13 3/8" csg, break down 21" BOP stack & pull out of cellar. Move out all equip. from front of rig. Fabricate wellhead cover & weld on 21" braden head. Make final cut on 13 3/8" csg & weld on "A" sec.

08-04-2004 Make final cut on 13 3/8" csg & weld on "A" section, RD & skid 6" to center of hole. RU, NU BOPE. Test BOPE to 250# low, 1500# high. Test 13 3/8 csg to 1000# - good test.

08-05-2004 Test BOPE to 250# low, 1500# high. Test 13 3/8 csg to 1000# - good test. RU blowie line; air manifold & bleed off lines. Cut off 135' drilling line. Strap & caliper BHA. Test air hammer & TIH. PU pipe off racks. TIH to 1000', PU DP off racks. Install rotating head. TIH to 2100', PU DP off racks. Blow down, TIH tag cmt @ 3469'. PU DP off racks. Attempt to blow down @ 3469' (press to high for booster).

08-06-2004 TOOH 5 stds blow down. TIH, blow down. DRLG cmt & float equip, blow well to dust. Hammer DRLG 12 1/4" hole from 3553' to 4430'.

08-07-2004 Hammer drilling 12 1/4" hole from 4430' to 5366'.

08-08-2004 Hammer drilling 12 1/4" hole from 5366' to 6395'.

08-09-2004 Hammer drilling 12 1/4" hole from 6395' to 7525'. Circulate & condition hole @ 7525'.

08-10-2004 TOOH, RU HLS & log. PU bit #8 & TIH to 3370'. Mix mud & displace 12 1/4" hole w/55 vis, 4-6 WL, 8.8 WT. 9.5 PH & 4-6% LCM fluid. Mixed & pumped 1000 bbls.

08-11-2004 Mix mud & displace 12 1/4" hole w/55 vis, 4-6 WL, 8.8 WT. 9.5 PH & 4-6% LCM fluid. Mixed & pumped 1325 bbls total. Circulate & condition mud w/98% returns, bit @ 3370'. TIH break circ every 1400'. Circ & cond hole @ 7494', 100% returns. TOH to 3370' (no drag). TIH, no fill, circ & cond hole @ 7494', 100% returns.

08-12-2004 TOH stand back 60 stds DP & LD rest of string. Run 98 jts 9 5/8" csg & liner hanger. TIH w/ 9 5/8" liner on 4 1/2" drill pipe. RU cmt head & tag bottom 7494', csg differential sticking. Circ w/rig pump & work csg up hole 7'. Work csg & try to hang liner (no good, no right hand movement to jay slips). Work csg to bottom & shear pins & rotate out of liner top. Set csg shoe @ 7494', liner top @ 3305'. Circ csg on bottom, 3.5 bbls min. PJSM BJ serv. cmt 9 5/8" liner, w/20 bbls mud clean, 5 bbls FW, 20 bbls gel water, 5 bbls FW. 570 SXS (252 bbls) prem lite FM. 25 lbs SK cello flake, 8 % BWOC Bentonite, 2% pheno seal. 11:5 ppg, 2.48 YLD. Tail 200 SX (76 bbls) prem lite hi strength FM. 3 lbs/sk CSE, 1% R - 3.25 lbs/sk cello flake, 3% CD-32, 1% FL-52, 4% pheno seal. 12.3 ppg, 2.15 YLD. Plug down @ 5:40 am. Lost returns 200 bbls into job. Full returns 190 bbls into displacement. Lost 330 bbls fluid & cmt on job.

08-13-2004 String out of liner & circ out the long way. Returns: Gel water, cello flakes & fresh water. WOC, TOH stand back DP & LD hanging tool. ND BOPE, cut off drilling line, move DP out of baskets onto racks. Test BOPE & 9 5/8" liner @ 250 psi low & 1000 psi high – good test. Strap & caliper BHA & PU same.

08-14-2004 Strap & caliper BHA & PU same, TIH PU DP off racks, repair make up cathead. PU DP off racks & TIH. Displace hole w/ mud, PU DP off racks & TIH, tag up @ 7398', circulate. Drig cmt & float equip, latch collar & plugs, drilled hard. TOH to PU mill tooth bit.

08-15-2004 TOH to PU mill tooth bit, TIH w/ GT 1-mill tooth bit. Drig float equip & cmt, TOH, TIH w/ bit #11, Drig from 7494' to 7524'.

08-16-2004 Drilling 8 3/4" hole from 7524' to 7723', circ & condition hole for trip.

08-17-2004 TOH to PU overshot, left in hole, 8 3/4" bit; bit sub; shock sub; 7-6" DC. PU fishing tools, overshot; bumper sub; jars; intensifier; & XO "S". TIH, top of fish @ 7505'. Work over fish w/overshot, PU fish 30' fish fell off; work over again fish would not stay on. Service rig & tighten guy wires. TOH to change control & grapples in overshot & TIH. Dress off top of fish w/cut right enhanced control.

08-18-2004 Dress off top of fish, try to work grapples over fish neck, no good. TOOH, LD accelerator & overshot, repair pipe spinners & service rig. TIH w/mill, cut off 120' drilling line. PU overshot & accelerator. TIH.

08-19-2004 PU overshot & accelerator TIH, 6" grapples #3. Work over fish & try to grapple (no good). TOH w/grapple #3. TIH w/overshot #4 w/ 8' extension, 6" grapples. Work over & grapple fish, jar up from 7723' to 7673'. Fish free @ 7673' TOH. LD fishing tools & fish, recovered 7-6" DC; shock sub; bit sub; & 8 3/4" bit intact.

08-20-2004 LD fishing tools & fish, recovered 7-6" DC; shock sub; bit sub; & 8 3/4" bit intact. Move collars, LD rig DC, strap & caliper BHA. PU bit #12 & TIH. Service rig, TIH w/bit #12, circ & cond mud, TIH to 7494'. Wash & ream from 7494' to 7605', work pipe circ & raise viscosity (tight hole).

08-21-2004 Work pipe circ & raise viscosity (tight hole) @ 7605', hole unloading sand & large shale w/mud properties @ 185 vis; 8 WL; 8.7 WT; 10 PH; circ @ 1600 psi; 270 GPM (one jet plugged). Wash & ream from 7605' to 7723'. Drilling 8 3/4" hole from 7723' to 7768'.

08-22-2004 Drilling 8 3/4" hole from 7768' to 7901'.

08-23-2004 Drilling 8 3/4" hole from 7901' to 7980'.

08-24-2004 TOH w/bit #12. TIH w/bit #13, fill pipe @ 4000' & 7920'. Wash & ream from 7920' to 7980'. Drig 8 3/4" hole from 7980' to 8039'.

08-25-2004 Drilling hole from 8039' to 8,205'.

08-26-2004 Drilling hole from 8205' to 8350'.

08-27-2004 Drilling 8 3/4" hole from 8350' to 8443'. TOOH w/bit #13, no drag.

08-28-2004 PU bit #14 & 1-6 1/4" DC, TIH; fill pipe @ 4000' & 8323'. Wash & ream from 8323' to 8443'. Drilling 8 3/4" hole from 8443' to 8508'.

08-29-2004 Drilling 8 3/4" hole from 8508' to 8650'.

08-30-2004 Drig 8 3/4" hole from 8650' to 8704'.

08-31-2004 Drilling 8 3/4" hole from 8704' to 8833'.

09-01-2004 Drilling 8 3/4" hole from 8833' to 8951'.

09-02-2004 Drilling 8 3/4" hole from 8951' to 8958'. 8989'.

09-03-2004 Drilling 8 3/4" hole from 8989' to 9097'.

09-04-2004 Drilling 8 3/4" hole from 9097' to 9162'.

09-05-2004 Drilling 8 3/4" hole from 9162' to 9170'. Circ bottoms up, short trip to 7462' (in 9 5/8" csg shoe), no drag, no fill. Circ & cond hole for logs, TOH SLM for logs (pipe strap 9174'). RU HLS & log w/same (loggers TD 9176').

09-06-2004 RU HLS & log w/same (loggers TD 9176'). TIH to 7463', 9 5/8" shoe, cut off 100' drig line. TIH, no fill. Circ & cond hole from csg. LDDP & DC, XO rams to 7", RU Permian Power Tong.

09-07-2004 RIH w/ 201 jts 7" csg, set @ 9176'. ND BOPE, RD casers, set 188,000 lbs on 7" csg slips. RU cmt head, fill csg & circ air out of hole. Cmt 7" long string w/ 20 bbls gel water + 0.4 gal/bbl XLFC-5 @ 8.4 ppg. Scavenger 50 sx (251 bbls) Premium Light FM + 1% BWOC R3 + 0.25 lb sx cello flake, 4% BWOC Pheno Seal (11.60 ppg/2.61 yield). Tail 400 sx (76 bbls) Premium Light hi strength FM + .1% BWOC FL 52 + .03% BWOC CD-32 + 0.2% BWOC R-3 + 0.25 lb sx cello flake + 4% BWOC Pheno Seal (12.3 ppg/2.15 yield). Displace w/351 bbls FW. Plug down @ 2240 hrs. Test float equip @ 2080 psi (held ok). RD cementers & cut off 7" csg. Rig released @ 2400 hrs, 09/06/04.