

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 JUN 15 AM 10:51
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

RECEIVED
BLM

210 FARMINGTON 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 25-4, TULSA, OK 74101 (918) 573-3046

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1115' FSL & 1200' FWL, SW/4 SW/4 SEC 28-T31N-R05W

5. Lease Designation and Serial No.
NMSF-078769

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
ROSA UNIT

8. Well Name and No.
ROSA UNIT #267

9. API Well No.
30-039-25012

10. Field and Pool, or Exploratory Area
BASIN FRUITLAND COAL

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 Install PU

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.)*

05-05-2007

Load out rig & equip @ the Ignacio 33-7 #10A & road to location, set equip on location & SDON.

05-07-2007

Filled around WH w/ dirt, dressed loc for rig mat. Spotted rig & set up w/ rig mast. MI spot pipe racks, off loaded onto pipe rack w/ 3 1/2" DC's & 2 7/8" AOH DP. MI spot circ pump, air pack, accumulator, generator & NU w/ circ pump. 340# csg & tbg, bled to earth pit, kill down tbg w/ 20 bbls form water. ND w/ xmas tree. NU w/ double BOP, mud cross, hydraulic & manual HCR valves & sgl BOP. NU w/ working platform. NU w/ 2 x 7" blooe lines. Function tested BOP's & HCR valves.

05-08-2007

380# csg & tbg, bled to pit. Kill w/ 15 bbls form water. Unland tbg & tag for fill, tag fill @ 3362' = 8' fill, pbtd @ 3370'. NU w/ air pack, broke circ w/ 10 bph air/soap/corrosion inhibitor. Displaced 18 bbls form water w/ air, circ scale & coal fines from 3362' to pbtd @ 3370'. Circ clean & made soap sweeps. ND w/ air pack. TOOH w/ 2 7/8" prod tbg. Rec 105 jts 2 7/8" tbg = 3334', 25' of bottom jt coated w/ scale, tbg in good condition. Made up TIW x 5 1/2" JGS liner puller tools. TIH w/ same on 2 7/8" AOH DP, measure, rabbit & picked DP up in sgls. Hung DP off @ 3057'.

Continued description on following pages:

RCVD JUN19'07
OIL CONS. DIV.

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

Signed

Rachel M. Lippard
Rachel Lippard

Title Engineering Tech

Date June 12, 2007

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

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

FARMINGTON FIELD OFFICE

05-09-2007

Csg = 380#, bled to pit. Comp TIH w/ liner puller assembly. Engaged liner hanger @ 3140'. Worked liner @ 80,000#. Liner started moving. TOOH w/ DP & liner, MIRU w/ SJ csg equip, TOOH w/ 5 1/2" liner, LD in sgls. Recovered 5 jts 5 1/2" x 15.5# liner = 203', from top down 2 jts light scale coating, 2 jts med to heavy scale coating, bottom jt light scale coating 50% of perfs plugged off w/ scale. Made up 6 1/2" tri-cone cavitation bit, bit sub, string float, XO & 6 x 3 1/2" DC's. TIH w/ drlg assembly on 2 7/8" AOH DP. Hung off inside 7" csg @ 3183'.

05-10-2007

Csg = 300#, bled to pit. Sgld out w/ drlg line. NU w/ PS & air pack. Broke circ w/ 10 bph air/soap/corrosion inhibitor. Full circ in 80 min @ 1100#, made soap sweeps to get circ. Brought up a load of shale & scale fines in a thick combination like mud. Circ from 3224' to bridge @ 3246'. Circ & rotated from 3246' to 3256', fell through bridge. Circ from 3256' to 3277'. Solid & hard drlg from 3277' to 3309'. Recovered heavy scale, shale flakes & mud w/ coffee ground size coal. Very heavy gas volume. Circ & made soap sweeps. TOOH w/ drlg assy & hung off inside 7" csg @ 3183'. Made well safe for the night.

05-11-2007

Csg = 380#, 80# increase. Press up on DP to 380#. Surged blooie line open, recovered light coal flakes & light water. TDH w/ drl assy to 3246'. Broke circ w/ 12 bbls water/soap/corrosion inhibitor. Displaced 5 bbls form water w/ air. Circ from 3246' to solid fill @ 3250'. Circ & drl from 3250' to 3277'. Recovered heavy shale mud & heavy coffee ground size coal, made 2 bbl soap sweeps each 30 min to keep mud thin enough to lift. Recovered 500 cu ft of mud & coal to-date. Made soap sweeps & ND w/ air pack. TUH & hung off inside 7" csg @ 3183'.

05-12-2007

Csg = 380 psi. Press up on DP to 380 psi w/ air pack. Surged blooie line open, recovered light coal fines & coffee ground size coal w/ 3 bbls formation water. TDH to 3246' & broke circ w/ 10 bph air/soap/corrosion inhibitor. Circ & rotated from 3246' to 3309'. Recovered heavy mud w/ very heavy coffee ground size coal & shale. Making soap sweeps each 30 min to lift mud. ND w/ air pack. TUH w/ drlg assy, hung off inside 7" csg @ 3183'. Made well safe for night & SD until Monday.

05-14-2007

Csg = 380 psi. Press up on DP to 380 psi. Surged blooie line open recovered light coal fines & 3 bbls form water. TDH w/ drlg assy & broke circ @ 3246' w/ 10 bph air/soap/corrosion inhibitor. Circ from 3246' to top of fill @ 3250'. Circ & rotated from 3250' to 3309'. Coal running heavy & pipe torque up from 3280' to 3309' unable to work below 3309' coal running too heavy. Made soap sweeps & TOOH w/ drlg assy. Hung off @ 3183' inside 7" csg.

05-15-2007

420# csg = 40 psi increase. Press to 420# on DP, surged blooie line open, recovered heavy coal fines med coffee ground size coal w/ 3 bbls formation water. TDH to 3246', broke circ w/ 10 bph air/soap/corrosion inhibitor/shale ban. Circ down hole, tagged solid fill @ 3250'. Circ & rotate down hole to 3280' fighting heavy torque, worked from 3280' to 3309' recovering heavy coffee ground size coal w/ med shale, mud & heavy coal fines, unable to get below 3309', too much torque 2.5 PS stalls out. Made soap sweeps. TUH w/ drlg assy & hung off inside 7" csg @ 3183'.

05-16-2007

ND & load out w/ 2.5 PS, MI & off load 3.5 PS, NU w/ 3.5 PS. 420# csg, press up on DP to 420#. Surged open blooie line received coffee ground coal & coal fines w/ 3 bbls form water. TDH & broke circ @ 3246' w/ 10 bph air/soap/corrosion inhibitor/polymer. Circ from 3246' to 3250', tagged solid fill. Circ & rotated from 3250', 3280' work thru to 3309', very tight from 3280' to 3309'. Worked pipe up & down thru tight area, stuck pipe @ 3290', worked pipe free. After working pipe free had a tight spot @ 3280' & free to 3300'. Started making new hole @ 3300', drld from 3300' to 3309' & stuck pipe, worked pipe free. Worked pipe up & down from 3280' to 3309' traveled free for awhile & then got tight, the shale shelf appears to be shifting unable to work or drill below 3309'. Recovering heavy coal fines & heavy coffee ground size coal w/ sporadic shale mud. Made soap sweeps. TOOH & hung drlg assy off inside 7" csg @ 3183'.

05-17-2007

420# csg. Pump ahead w/ 5 bbls form water & press up to 420# on DP. Surged open blooie line recovered heavy coal fines to heavy coffee ground coal w/ heavy form water. TDH w/ drl assy broke circ @ 3246' w/ 10 bph air/soap/corrosion inhibitor/polymer. Circ & rotate from 3246' to 3309' very tight spot from 3280' to 3290', work pipe up & down slowly able to get to 3309' heavy torque & stopping 3.5 PS @ 3309' unable to get below 3309'. Recovering heavy coal fines to heavy coffee ground coal w/ med shale mud. Made soap sweeps. ND w/ air & PS. Double up w/ drl line. TOOH w/ DP & drl assy. Made up 6 1/2" tri-cone bit, Knight 5 1/2" OD under reamer dressed for 9 1/2" PDC blades, 6 x 3 1/2" DC's & TIH w/ same on 2 7/8" AOH DP. Hung off inside 7" csg @ 3183'.

05-18-2007

Csg = 420#, BD thru 2" manifold. TDH w/ under reamer to 3234', broke circ w/ 12 bph air/soap/corrosion/inhibitor/polymer. Opened blades on under reamer, under ream from 3234' to 3341', very tight. Recovered heavy coal fines & coffee ground size coal. Stuck pipe @ 3326', worked stuck pipe, made 5 bbls soap sweeps & worked pipe, good circulation, pipe started to rotate & worked free. Under reamed from 3241' to 3356' = 25' from pbtd. Stuck pipe, worked stuck pipe & started moving up hole. TUH & hung under reamer assy off inside 7" csg @ 3183'. Made well safe for night & SD until Monday, 5/21/07.

05-21-2007

440# csg, bled down through 2" choke manifold. TIH w/ under reamer to 10' below 7" shoe @ 3234', broke circ w/ 12 bph air/soap/corrosion inhibitor/polymer. Under reamed from 3234' to 3373' = 8' above PBTD. Unable to get below 3373', pipe sticking, working pipe at 80,000# to work free, had tight hole from 3326' to 3335' and 3341' to 3256'. Recovered heavy coal fines and heavy coffee ground size coal with some shale mud, make soap sweeps. TOH inside 7" csg with pwr swivel. ND air pack and pwr swivel, doubled up w/ drilling line. TOH w/ DP & under reamer, break down & loaded out under reamer. MU 6 1/2" bit, (6) 3 1/2" DC's, TIH w/ drilling assembly on 2-7/8" DP, hung off inside 7" csg at 3183', SDFN.

05-22-2007

Csg = 440#, bled down thru 2" choke manifold. TDH to 3246' & broke circ w/ 12 bph air/soap/corrosion inhibitor/polymer, 90 min & 2 sweeps to break circ, no formation water recovered. TDH & tagged solid fill @ 3265' = 41' below 7" csg shoe. Circ & rotated from 3265' to very hard & tight spot @ 3312'. Drl thru hard spot from 3312' to 3373' = 8' above pbtd, recovered coffee ground size coal & coal fines. Pipe started sticking @ 3373', started working pipe up hole & stuck solid @ 3260'. Worked pipe & got to inch up hole, worked pipe up into 7" csg, pipe partially plugged, 1300 psi to circ, worked @ unplugging pipe to no avail.

05-23-2007

Csg = 440#, BD thru manifold, pump ahead w/ 20 bbls form water & break circ w/ air, 1300# to circ, indicating bit partially plugged. ND w/ air & PS, doubled up w/ drlg line. TOOH w/ drlg assy. Jet on bit plugged solid w/ coal, cleaned & dressed bit. TIH w/ 6 1/2" cavitation bit, 6 x 3 1/2" DC's on 2 7/8" DP. Tagged top of fill @ 3246'. Singled out w/ drlg line. NU w/ PS & air pack. Broke circ w/ 12 bbls air/soap/corrosion inhibitor/polymer. Displaced 20 bbls form water w/ air, circ & rotate from 3246' to 3309'. Recovered coffee ground size coal & coal fines. Pipe sticking @ 3309' w/ heavy torque. Working pipe free @ 60,000#. TOOH w/ drlg assy & hung off @ 3183'.

05-24-2007

440# csg, BD thru 2" choke manifold. Equalized press & made pitot test 8# = 1756 mcfd. TIH w/ drlg assy & tagged top of fill @ 7" shoe = 3224'. Broke circ w/ 12 bbls air/soap/corrosion inhibitor/polymer. Displaced 20 bbls form water w/ air. Circ & rotated from 3224' to 3371' = 10' above pbtd, worked thru very tight spots 3262' to 3300' and 3300' to 3312'. Stuck pipe @ 3371', worked stuck pipe, pipe started moving, worked stuck pipe up into 7" csg, worked all the way out of the open hole. Recovered heavy coal fines & coffee ground size coal. Made soap sweeps & circ clean. Q = 1756 mcfd

05-25-2007

440# csg, bled down thru 2" choke manifold. Equalized press & made pitot test 8# = 1756 mcf/d. TIH & tagged solid @ 7" csg shoe @ 3234'. NU w/ air pack, broke circ w/ 10 bph air/soap/corrosion inhibitor/polymar. Displaced 20 bbls form water w/ air. Circ & rotated coal from 3234' to 3267'. Drl new hole from 3267' to 3287', recovered coal fines & coffee ground size coal. Circ & rotated coal from 3287' to 3300'. Drilled new hole from 3300' to 3325', recovered coal fines & coffee ground size coal. Circ & rotated from 3325' to 3370', very tight, stuck pipe @ 3370, worked stuck pipe & got it moving. TIH w/ drl assy. Hung off inside 7" csg @ 3183'. Rigged to flow back thru blooie line, turned over to flow back hand to monitor. Q = 1756 mcf/d

05-26-2007

Flowing back thru 7" blooie line. Flaring & evap pit water. Pitot = 1756 mcf/day. Q = 1756 mcf/d

05-27-2007

Flowing back thru blooie line. Flaring & evap pit water. Pitot = 1756 mcf/day. Q = 1756 mcf/d

05-28-2007

Flowing back thru 7" blooie line. Flaring & evap pit water. PTO = 1756 mcf/day. Q = 1756 mcf/d

05-29-2007

FB thru blooie line over weekend, flared & evap pit water. Flowed thru 2" manifold to equalize gas press & made pitot test = 8# = 1756 mcf/day. TDH w/ drl assy, tag fill @ 3234' = 7" csg shoe. NU w/ air pack, broke circ w/ 10 bph air/soap/corrosion inhibitor/polymar. Disp 10 bbls form water w/ air. Circ & rotated from 3234' to 3267'. Hard solid drlg from 3267' to 3287'. Recovered heavy coffee ground size coal & coal fines. Circ & rotate from 3287' to 3300'. Hard solid drlg from 3300' to 3325', rec coffee ground size coal & coal fines. Circ & rotate from 3325' to 3370', started sticking @ 3370'. Circ clean & worked pipe. TUH to csg shoe & TDH to 3370', good free travel. TUH inside 7" csg. ND w/ air pack & PS. Doubled up w/ drlg line. TOOH w/ 2 7/8" DP & drlg assy. Rigged to flow back thru blooie line. Flow back thru blooie line overnight w/ flow back monitor.

05-30-2007

Flowed back overnight thru blooie line, rec 2.5 bph form water. MIRU w/ Basin csg crew, made up 5 1/2" shoe, 7 sgls 5 1/2", 17#, N-80 liner, HDS liner hanger. ND w/ csg crew, TIH w/ liner on 2 7/8" DP to csg shoe. NU w/ air pack & PS. Sgld out w/ drl line, TDH w/ liner into open hole. Stopped solid @ 3270'. Circ, rotated & worked liner from 3270' to 3360', stopped solid & stuck @ 3260'. Set liner hanger @ 3072' & landed shoe @ 3360' = 153' overlap. Released from setting tool, ND w/ air pack & PS. Doubled up w/ drl line, TOOH w/ setting tool & 2 7/8" DP, laid DP down in sgls. TIH w/ 6 x 3 1/2" DC's. TOOH w/ DC's, laid down in sgls. Loaded out w/ 3.5 PS, ND & load out w/ drlg equip.

05-31-2007

400# csg - bled down thru 2" choke manifold. MIRU w/ Basin WL equip. Perforated Fruitland Coal Zone w/ full lubricator from 3260' to 3280' and 3320' to 3360' w/ 31/8" HSC guns, shot 240 holes x 0.54" BH x 11 gram charge x 15.7" pent, 4 spf, RD Basin WL equip. MU notched collar, SN w/ standing valve, TIH w/ same on 2-7/8" prod tbg, wet tested in hole w tbg at 800#. Locate 4 jts w/ pin holes (jts 40, 51, 68 & 86) pin hole caused from inside corrosion. Replaced w/ 2-7/8" work string tbg. MU little red fishing tool & TIH w/ same on 9/16" sand line. Fished standing valve. TOH w/ standing valve. ND sand line equip. TDH and tag fill at 3357' = 3' fill (PBSD @ 3360'). NU w/ air pack and broke circ w/ 10 bph air/soap/corrosion inhibitor. Circ coal fines and coffee ground size coal to PBSD @ 3360'. Circ clean and made soap sweeps. TOH w/ tbg & seat nipple assembly, SDFN.

06-01-2007

410# csg, bled down thru 2" choke manifold. MIRU Dyna Coil equip. Made up 2 7/8" mud anchor w/ 2.28" F-nipple. TIH w/ prod tbg strapped 1/4" chem cap tube to outside of tbg. NU w/ chem adapted tbg hanger. Land tbg OA @ 3358' = 2' off pbsd. ND w/ work platform, blooie line, HCR valves, BOPs. NU w/ chem adapted companion flange, new prod head & air pack, pump ahead w/ 3 bbls form water, pump off exp chk @ 400#, circ & recover load water. ND w/ air pack. Rig & TIH w/ new rods & pump, PU rods in sgls. Dressed new polished rod. Space pump & filled tbg w/ water. Press test tbg @ 500#, solid. Stroked pump to 500# w/ pulling unit, good pump action, hung off rods, ready for pump unit. Load out w/ rig equip, LD w/ rig mast, prepare to move to the Rosa #259.

ROSA UNIT #267 **BASIN FRUITLAND COAL**

Location:

1115' FSL and 1200' FWL
 SW/4 SW/4 Sec 28(M), T31N, R5W
 Rio Arriba, New Mexico
 Elevation: 6513' GR

API # 30-039-25012

Pumping Unit
 American 080-119-64

Spud: 11/05/90
 Completed: 05/15/91
 1st Delivered: 07/09/91
 Cavitated: 11/11/99
 Cleanout & PU: 06/01/07

Top	Depth
Ojo Alamo	2525'
Kirtland	2560'
Fruitland	3255'

Rod String: 3 - 1.25" sinker bars, 129 - 3/4"
 API D sucker rods, 6', 8' pony rods, 1 1/4" x
 16' polish rod w/ 1 1/2" x 10' polish rod liner

Perfs: 4 spf, 240 holes @ 0.54" EHD

Insert Pump: 2 1/2" x 1 1/4" x 7' x 11' RHAC
 (Energy Pump) w/ 1" x 6' gas anchor

Under ream 6 1/2" to 9 1/4"
 from 3225' - 3381',

PBTD @ 3360'
 TD @ 3381'

5 jts 9-5/8", 36#, K-55, ST&C csg @ 228'

104 jts of 2-7/8", 6.5#, J-55, 8rd EUE @3358'
 as follows: 26' MA, 2.28" F-nipple, 103 jts, 6',
 4' pup, 1 full jt. F-nipple @ 3331' (1/4"
 stainless chem. steel cap string strapped to
 outside tbg)

TIW 7" x 5-1/2" JGS liner. TOL @ 3072'

75 jts 7", 20#, K-55, ST&C csg @ 3224'

Stimulation: N2 w/ 150 gal Acid on perfs
 to remove scale build up.

7 jts 5-1/2", 17#, N-80 csg @ 3072' - 3360'

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	160 sx	189 cu.ft.	Surface
8-3/4"	7", 20#	680 sx	1135 cu.ft.	Surface
6-1/4"	5-1/2", 15.5#	Did not cement	N/A	N/A