

In Lieu of  
Form 3160  
(June 1990)

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JUN 01 2009

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  
TO DRILL" for permit for such proposals

Bureau of Land Management  
Field Office

Lease Designation and Serial No  
NMSF-078764

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Well Gas Well X Other

7. If Unit or CA, Agreement Designation  
Rosa Unit

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

8. Well Name and No  
Rosa Unit 137C

3. Address and Telephone No  
PO Box 640 Aztec, NM 87410-0640

9. API Well No.  
30-039-30691

4. Location of Well (Footage, Sec., T, R., M., or Survey Description)  
730' FSL & 2175' FEL SEC 31, 31N, 5W

10. Field and Pool, or Exploratory Area  
BLANCO MV/BASIN DK/BASIN MC

11. County or Parish, State  
Rio Arriba, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

X Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

X Other Dakota Completion

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.)\*

05-14-2009

Recap: MIRU, ND tree off frac valve, NU BOP's, RU floor & tongs, test 5 1/2" 17# csg & BOP's to 1500 psi, 30 min, 10 psi leak off, bleed off press, SIW & SDFN.

05-15-2009

Recap: SU equip, SICP=0, PU 2 7/8", 6.5#, N-80 tbg & TIH w/ 4 3/4" bit, had 1 hr rig repair. Cont PU tbg & TIH, RU 2.5 PS & change out stripping rubber. Tag 16.5' in on jt #244 @ 7882', est revcirc, DO cmt to FC & 7939', DO FC & 35' of shoe jt, PBTD @ 7974', circ clean, press test 5 1/2" csg 1500 psi 30 min, no leak off, RD PS, TOH w/ 4 3/4" bit, SIW & SDFN.

05-16-2009

Recap: SICP=0, RU Weatherford, run CBL 7972' - 3690', TOC @ 3780', POH, run PND log 7972' - 4140', POH, RD WL, TIH w/ 2 7/8" tbg to 7837', secure well, SD until 5/18/09

RCVD JUN 3 '09  
OIL CONS. DIV.

DIST. 3

14 I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling COM Date 5/29/09

(This space for Federal or State office use)

Approved by

Title

Date

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

REPORT TBG WEIGHT AND GRADE

NMOCD 66

FARMINGTON FIELD OFFICE

## Rosa Unit #137C DK – Page 2

05-18-2009

Recap: SU equip, SICP=0, PU 3 jts 2-7/8" tbg, set EOT @ 7967', RU Halliburton acid pumper. Press test csg to 3500 psi w/ no leak off. Set EOT @ 7957', roll hole w/ 215 bbls 2% KCL, spot 200 gals 15% HCL acid across DK perf interval. TOOH & std back tbg. ND BOPE, NU Frac Y, RU BWWC to perforate, **perf DK formation, 7870'-7963', under pressure @ 1000 psi bottom up w/ 3 3/8" SFG @ 3 SP loc, .34" Diam, 21" Pen & 10 Grm Chgs, 27 locations, one gun run w/ 81 total shots, all shots fired.** POOW w/ WL, RD BWWC. Load hole w/ 2% KCL & est rate, BD @ 1453 psi, @ 5.3 BPM, pump 25 bbl into formation @ 5.3 BPM. ISIP 1291 psi, 5 min SPI 346 psi, 10 min SIP 43 psi, 15 min SIP 2 psi. RD Halliburton acid pumper & SIWFFN.

05-19-2009

Recap: MIRU Halliburton frac equip, JHA, pressure test lines. Load hole w/ 12 bbls 2% KCL, BD DK @ 2347 psi, pump 2000 gals 15% HCL acid, **frac well w/ 7089 lbs 100 mesh BASF @ .50 ppg, followed w/ 30015 lbs 40/70 BASF @ .75 ppg, followed w/ 52235 lbs 40/70 BASF 1.0 ppg, extended 1.0 ppg stage until 89329 lbs of sand was in formation due to steady rise in pressure on this stage, called for flush early due to high pressure @ 5601 psi.** MIR = 60.6 bpm, AIR = 47.80 bpm, MTP = 5601 psi, ATP = 3357 psi, ISIP = 3180 psi, 5 min SI = 2989 psi, 10 min = 2832 psi, 15 min = 2686 psi, fluid to recover 3129 bbls. RD Halliburton Serv, RU choke line, open @ 2200 psi on 1/8 choke to FB tank. ND frac Y & NU BOPE & rig floor turn well over to FB hand, put well on 1/4" choke @ 22.00, pressure down to 150 psi, flow well back on 1/4" choke.

05-20-2009

Recap: Flow well back on 1/4" choke, ck & SU equip, flowing well to FB tank on 1/4" choke, flow well back @ 2" line, began unloading hvy wtr & pressure went up to 200 psi, put well back on 1/4" choke, @ 610 psi. Secure well & loc turn well over to FB hand, flow well back overnight on 1/4" choke.

05-21-2009

Recap: FB well on 1/4" choke, ck & SU equip. Flowing well to FB tank on 1/4" choke, change to 3/8" choke @ 8:00, flowing well to FB tank on 3/8" choke, making hvy wtr & surging strong gas. Put well on 1/2" choke @ 20:00, flowing well to FB tank, making hvy wtr & surging strong gas.

05-22-2009

Recap: Flow well back on 1/2" choke. Ck & SU equip, open well to 2" line, TIH w/ 4 3/4" bit, bit sub & 2-7/8" WS, stage in & unload wtr from hole w/ air, tag fill @ 7939' 35' of fill. Break circ w/ 10 bph air-mist, work pipe & CO hvy sand approx 1-1/2 cup in 5 gal of wtr. CO to PBTD @ 7974', circ until returns were clean, 1/4 cup of sand in 5 gal of wtr. LD 5 jts, pull above top perfs, put well on 3/4" choke. Secure well & equip, turn well over to FB hand. Flow well to FB tank on 3/4" choke.

05-23-2009

Recap: Flow well back to FB tank on 3/4" choke, wtr returns are approx 4 bbls per hr, avg pressure @ 70 psi, well is surging wtr & has good gas flow.

05-24-2009

Recap. Flow well back to FB tank on 3/4" choke, wtr returns are approx 2 bbls per hr, avg pressure @ 62 psi, well is surging wtr & has good gas flow.

05-25-2009

Recap: Flow well back to FB tank on 3/4" choke, wtr returns are approx 1.5 bbls per hr, avg pressure @ 58 psi, well is making light wtr & has good gas flow.

05-26-2009

Recap: Flow well back to FB tank on 3/4" choke, making light wtr w/ good gas flow, open well to 2" line & flow. Ck & SU equip, **FLOW TEST: Duration = 1 hr, Test Method, pitot = 1.5 lbs, MCF/D = 752 MCFD, Csg Psi =, Tbg Psi = 0 psi, Gas Type = wet, Gas Disposition = non flaring, Choke Size = 2" open line.** PU tbg sgls & ck for fill, tag fill @ 7961' 13' of fill, break circ w/ 10 bph air-mist, unloaded 42 bbls wtr & CO sand to PBTD, circ well clean, making approx 1 teaspoon of sand in 5 gal sample LD 5 jts tbg pull above perfs. Secure well & equip, SIWFFN.

05-27-2009

Recap: SICP=1400 psi, bleed well down to FB tank --- PU tbg sgls & chk for fill, no fill, unload wtr from well w/ air, unloaded 5 bbls water --- TOOH & LD 2-7/8" WS. Move out WS float, spot in float w/ prod tbg --- Rabbit, tally, PU, MU & RIW w/ half muleshoe, 1 jt tbg, 1.78 I.D. SN & 214 jts 2-3/8" tbg.

05-28-2009

Recap: SICP=1400 psi, bleed well down to FB tank --- Rabbit, tally, PU, MU & RIW w/ remainder of prod tbg. --- PU tbg hanger, **Tbg landed as follows top down w/ KB corr: tbg hanger, 1 jt tbg, 4', 6', 8' pup jts, 243jts tbg, 1.78" I.D. SN @ 7925', 1 jt tbg 1/2 muleshoe @ 7957.26** --- ND BOPE, NU WH, pump out tbg plug --- RD equip, lower derrick, prepare for rig move --- FINAL REPORT FOR Rosa UNIT # 137C

**Note: Dakota only completed at this time. Mesa Verde and Mancos will be completed at a later date.**