

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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

Use "APPLICATION

of Land Management  
Fermington Field Office

Lease Designation and Serial No.  
NMSF-078771

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Well Gas Well X Other

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

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

4. Location of Well (Footage, Sec , T., R., M , or Survey Description)  
1485' FNL & 1525' FEL  
2000' FNL & 500 FEL SEC 14 31N 6W

7. If Unit or CA, Agreement Designation  
Rosa Unit

8. Well Name and No.  
Rosa Unit 20D

9. API Well No.  
30-039-30754

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

X Notice of Intent  
Subsequent Report  
Final Abandonment

TYPE OF ACTION

Abandonment  
Recompletion  
Plugging Back  
Casing Repair  
Altering Casing  
X Other Plug back/side track

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.)\*

While attempting to run production casing on this well, Williams got stuck and ended up having to sidetrack. Attached is a recap of what has happened and what Williams plans to do going forward.

RCVD AUG 7 '09  
OIL CONS. DIV.  
DIST. 3

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

Signed Larry Higgins  
Larry Higgins

Title Drilling COM Date 8/5/09

(This space for Federal or State office use)

Approved by Original Signed: Stephen Mason

Title \_\_\_\_\_

Date AUG 06 2009

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.

NMOCD 40



WILLIAMS PRODUCTION COMPANY

*Recap of Rosa Unit 20D for Sundry Notice*

7/20/09 Rosa Unit 20D reached TD of 8,253' MD

7/21/09 Log well, RIH to TD, POOH, LDDP, Pulled tight at 8,180' MD

7/22/09 Run 5-1/2" 17# N-80 LT&C, tag bridge at 8,119' MD, blow hole with mist (2400 CFM air and 10-12 bbl/hr mist), Wash from 8,119' MD to 8,120' MD, shoe is plugged (csg is free), Shake csg and surge with mist in attempt to unplug shoe (csg is stuck), work stuck csg at 8,120' MD, mix 400 bbl mud, load csg with mud, work stuck csg at 8,120' MD with 2,200 psi on csg, rig up Halliburton pump truck to cementing head, pump on csg with pump truck to 4,800 psi, shoe is unplugged. Rig down Halliburton.

7/23/09 Freepoint 5-1/2" csg, **run chemical cut tool at 7,000' MD**, circulate 100 gpm at 2,500 psi, work pipe and establish pump rate of 150 gpm at 1,150 psi.

7/24/09 Mix and spot EZ-Spot pill from 7,000' MD to 5,500' MD, work pipe and move 1/2 bbl spot fluid up hole every 30 min, rig up Halliburton pump truck to csg, attempt to establish pump rate, hole will not circulate, work pipe and increase pump rate from 1 bbl/min to 4 bbl/min, pull string up to 255,000 lbs with 2,250 psi on csg pipe came free, LD csg. **Top of fish: 7,000' MD**

7/25/09 TIH with 6-3/4" tri-cone bit, collars, and drill pipe, circulate and condition mud at 5,500' MD, TIH to 7,000', circulate and condition hole at 7,000' MD, short trip to intermediate csg shoe

7/26/09 Let open hole stabilize, TIH to top of fish, circulate and condition hole at 7,000' MD, TOH for fishing tools, Pick up spear, accelerator and jars, TIH with fishing assembly, wash fill from top of fish, spear into fish, jar up on fish at 200,000 lbs

7/27/09 Jar up on fish (made 1 foot of progress), release spear from fish, TOH and lay down fishing assembly, release fisherman, pick up 520' 2-3/8" tubing, TIH with tubing on bottom of drill pipe to 6,980' MD, circulate and condition hole at 6,980' MD.

7/28/09 **Pump plug #1 as follows, 4 bbl fresh water, 28 bbl cement (16.5 ppg), 1 bbl fresh water, 44 bbl mud**, LD 2 jts drill pipe (no drag), pick up off slips on joint #3, pipe is stuck, rig up circulating swedge, circulate some cement out of hole, work stuck pipe (**tubing shoe at 6,916' MD, bottom of drill pipe 6,396' MD**), circulate stuck pipe, test air hardline, aerate drilling fluid and work pipe with right hand torque, rig up Wireline Specialties and back off at 5,957' MD, **Top of fish: 5,957', Fish consists of: 520' 2-3/8" tbg and 439' drill pipe**, TOOH, TIH with jarring assembly

7/29/09 Circulate 5,957' MD, screw into fish, jar on fish (no movement), aerate drilling fluid, unload hole completely (no movement in pipe), load hole with drilling fluid and establish good circulation, free point and back off at 6,098' MD, TOO H, **Recovered 4 jts drill pipe, left 16 jts 2-3/8" tbg and 12 jts 3-1/2" drill pipe in hole, Top of fish: 6,098' MD**, pick up 1,840' 2-3/8" tbg, TIH with tbg on bottom of drill pipe to 5,595' MD, circulate at 5,595' MD

7/30/09 Rig up Halliburton, **spot cement plug at 5,595' MD as follows: 10 bbl fresh ater, 16 bbl cement (50 sacks at 1.84 cu ft/sack, 12.5 lb/gal), POOH to 5,100' MD, WOC, Pump cement plug as follows 10 bbl fresh water, 78 bbl cement ( 450 sacks at 0.98 cu ft/sack, 17.2 lb/gal), 1 bbl FW, 23 bbl mud, WOC**

7/31/09 WOC, **TIH tag cement at 4,140' MD**, drilling cement from 4,140' MD to 4,150' MD, circulate at 4,150' MD, TOO H for directional tools, pick up directional tools, TIH with directional tools, Time drilling off of plug (5 minutes/inch) from 4,150' MD to 4,151' MD

8/1/09 Time drilling off of plug (5 minutes/inch) from 4,150' MD to 4,273' MD (cuttings samples shows 90% cement), circulate at 4,273' MD, POOH to increase setting on motor, TIH, time drilling off of plug (5 minutes/inch) from 4,273' MD to 4,275' MD

8/2/09 Time drilling off of plug (5 minutes/inch) from 4,275' MD to 4,297' MD (samples show 70% cement)

8/3/09 Time drilling off of plug (5 minutes/inch) from 4,297' MD to 4,306' MD, circulate at 4,306' MD, POOH to increase setting on motor, TIH, Time drilling off of plug (5 minutes/inch) from 4,306' MD to 4,313' MD

8/4/09 Time drilling off of plug (5 minutes/inch) from 4,313' MD to 4,336' MD, Time drilling off of plug (3 feet/hour) from 4,336' MD to 4,341' MD, take survey at 4,341' MD **Contact Kevin Schneider of BLM and inform him of plugging and sidetracking operations**

8/5/09 POOH to reduce setting on motor, TIH

### PLAN GOING FORWARD

1. Continue directional drilling operations return well to vertical and be +/-85' from old wellbore at azimuth of 116°
2. Rig up for air drilling
3. Blow hole dry
4. POOH
5. TIH with air hammer
6. Drill to TD of +/-8,235' MD with air hammer if possible (continue mud drilling operations if air drilling is unsuccessful)
7. Run 5-1/2" 17# N-80 LT&C casing from surface to TD
8. Cement casing as follows: 10 bbl Gelled Water spacer. Cement: 350 sx (489 ft<sup>3</sup>) of "FRACCEM" + 0.8% Halad-9 + 0.1% CFR-3 + 5 #/sk Gilsonite + 0.125 #/sk Poly-E-Flake + 0.15% HR-5 + 0.3% D-Air-3000. (Yield =1.397 ft<sup>3</sup>/sk, Weight = 13.1 #/gal.). Displace cement at a minimum of 8 BPM. **SHOULD COVER 150 FEET INTO 7-5/8" CASING** Total volume 489 ft<sup>3</sup>. WOC 12 hours. **VOLUME TO BE ADJUSTED ON LOCATION**