

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

5. Lease Designation and Serial No.  
NM-03189

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well  
Oil Well ☒ Gas Well ☐ Other ☐

Well Name and No.  
COX CANYON UNIT #4B

2. Name of Operator  
WILLIAMS PRODUCTION COMPANY

9. API Well No.  
30-045-32186

3. Address and Telephone No.  
PO BOX 3102 MS 25-2, TULSA, OK 74101 (918) 573-6254

10. Field and Pool, or Exploratory Area  
BLANCO MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1550' FNL & 2030' FWL, NW/4 NW/4 SEC 21-T32N-R11W

11. County or Parish, State  
SAN JUAN, NM

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

☒ Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

Other Drilling Complete

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.)\*

05-07-2004 MIRU.

05-08-2004 Complete rig repairs, move BOP, level rig, PU Kelly, drill rat & mouse holes. Spud well @ 2200 hrs, 5/7/04. Drill 12 1/4" hole from 0' to 310', circulate & condition hole @ 310'.

05-09-2004 Circulate & condition hole @ 310', TOOH. RU csg crew. Run 8 jts 9 3/4", 36#, K-55, ST&C csg to 288', no float. Csg shoe @ 288'. RU BJ SVCS. Run 10 bbls FW pre-flush. Cmt w/ 210 sxs (52.7 bbls) Type III cmt w/ 2% CaCl & .25 PPS cello-flake mixed @ 14.5 ppg, 1.41 YD. Displace w/ 19 bbls FW. Late pump pressure 90 psi. Circulate 37 bbls cmt to surface. RD BJ SVCS. Finish displacement @ 1045 hrs, WOC. NU BOPE, choke manifold, test both to 1500 psi HI & 250 LO. Test csg to 1500 psi for 30 min, all held OK. Orient directional tools, TIH, tag cmt @ 236'. Drill cmt & plug from 236' to 253'.

05-10-2004 TOOH, LD motor, check bit. Test csg to 1000#, test OK. PU bit, TIH, drill cmt to 288', mud up. Circulate & condition, TOOH. LD bit, PU motor & MWD, TIH. Directionally drill (rotate) from 310' to 373'. Orient directional tools, directionally drill (slide & rotate) from 373' to 997'.

Continued on Back

- Please indicate 4 1/2" TOC.

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

Signed Tracy Ross  
Tracy Ross

Title Sr. Production Analyst

Date June 9, 2004

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

ACCEPTED FOR RECORD

JUN 16 2004

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.

05-11-2004 Directionally drill (slide & rotate) from 997' to 1758'.

05-12-2004 Directionally drill (slide & rotate) from 1758' to 2192'.

05-13-2004 Directionally drill (slide & rotate) from 2192' to 2287', circulate & condition hole, TOOH with bit #4. Orient directional tools, TIH w/ bit #5, wash & ream from 2200' to 2287'. Directionally drill (slide & rotate) from 2287' to 2518'.

05-14-2004 Directionally drill (slide & rotate) from 2518' to 2999'.

05-15-2004 Directionally drill (slide & rotate) from 2999' to 3246'. TD int. hole section @ 1630 hrs, 5/14/04. Circulate & condition hole, short trip to BHA, tag @ 3085'. Circulate & condition hole, TOOH, LD BHA.

05-16-2004 LD BHA, break Kelly. RU csg crew, change rams. Run 74 jts 7", 20#, J-55, ST&C csg. Break circulation, wash 26' to bottom. PU landing jt & land mandrel. Csg shoe @ 3244', insert baffle @ 3196'. Circulate & condition, RU cementers. Cmt csg as follows: Pump 10 bbls FW spacer ahead. Lead: 500 sxs (188 bbls) Type III 35/65 POZ w/ 1% CaCl<sub>2</sub>, .25% CelloFlake, 4% Phenoseal, & 8% Bentonite @ 12.1 PPG, 2.11 YD. Tail: 50 sxs (12.48 bbls) Type III w/ .25% CelloFlake, 1% CaCl<sub>2</sub> @ 14.5 PPG, 1.4 YD. Displaced w/ 129.5 bbls FW. Bumped plug @ 13:22 hrs w/ 1383 psi. 80 bbls cmt to surface. Late pumping pressure 938 psi. Check float, held OK. WOC, test csg, blinds & outer choke manifold valves to 250 psi LO & 1500 psi HI. All tested OK. PU bit #6 & BHA, TIH to 1200'.

05-17-2004 Install rotating head, pressure test pipe rams, tested OK. TIH, tag cmt # 3163'. Unload hole, blow to mist. Drilling cmt & float equipment from 3163' to 3246. Drilling 6 1/4" hole from 3246' to 3399'. Circulate & condition. TOOH.

05-18-2004 TOOH, LD 18 4 3/4" DC's. Unload, strap & caliper 20 6 3/4" DC's, kick out 2 DC. PU 18 4 3/4" DC's, ran WLSS tool, stopped @ 350', TOOH. LD 2 4 3/4" DC, TIH, run WLSS tool, seated OK. 4<sup>th</sup> air compressor on location. TIH, tag @ 3334', 65' of fill. Wash & ream from 3334' to 3395', condition hole for survey. Orient dir tools, WLSS @ 3325'. Drilling 6 1/4" hole from 3478' to 3572'.

05-19-2004 Drilling 6 1/4" hole from 3572' to 3702'.

05-20-2004 Drilling 6 1/4" hole from 3702' to 3884'. Circulate & condition hole, reciprocate pipe & sweep hole. TOOH & LD bit #8 RR, LD motor #1. PU bit #9 & motor #2, orient directional tools, sleeve damaged. WO welder & repair sleeve. PU & test motor, PU BHA, TIH, tagged @ 3259', break circulation.

05-21-2004 Wash & ream from 3259' to 3291'. PU std of DP, tagged 15' in. Rack std back, wash & ream from 3291' to 3509'. TIH, tagged up 15' in on 2<sup>nd</sup> std back. PU Kelly, attempt to break circulation, work tight hole from 3600' to 3563'. WO wire line truck to run free point. RU WL truck, TIH w/ free point stuck @ 2987', 50% free @ 2985' & 100% free @ 2971'. RU back off shot, RIH, back off @ 2959'. Top of fish @ 2959', fish left in hole is (1) 6 1/4" bit, 1 motor, 1 UBHP, 1 monel DC, (16) 4 3/4" DC, 2 jts 3 1/2" DP. Total length of fish is 607.74'. TOOH for fishing tools. Fishing tools to be run as follows: screw in sub, bumper sub, jars, XO sub, (6) 4 3/4" DC's, XO sub, accelerators, X/O subs.

05-22-2004 TOOH for fishing tools. Cut 115' drilling line. PU screw in sub, bumper sub, jars, X/O sub, 6-74 3/4" DC's, X/O sub, accelerators, X/O sub. TBA length - 221.85'. TIH w/ fishing tools. Blow well w/ 1850 CFM & 10-12 bph on top of fish. Screw into fish @ 2959', bump fish down 1.5' to 2961', jar up to 2957'. Attempt to break circulation, pressure up to 1500# w/ air, no returns. Set Kelly back, jar with elevators, jar up to 90K on fish. Pull 120K on fish, moved fish uphole 3.5' to 2955.5'

05-23-2004 RU WL truck, run freepoint tool. DP-2965'-stretch-50,45,40. 2995'-stretch-45,40. Torque-25,28. 2980'-stretch-20,25. Torque-20,25. DC-3025'-stretch-45,40,60. Torque-3,5. 3235'-stretch-50,55. Torque-10,10. 3275'-stretch-25,20. Torque-0,0. 3300'-stretch-25,30. Torque-0,0. 3385'-stretch-40,20. Torque-0,0. 3490'-stretch-14,15. Torque-0,0. RU backoff shot. RIH, back off @ 2955'. Top of fish @ 2955', fish left in hole is: 6 1/4" bit, motor, UBHO, 1 monel DC, 16 4 3/4" DC's, 2 jts 3 1/2" DP. Total length of fish is 607.74'. TOOH w/ fishing tools. PU 5 3/4" shoe, 6 jts 5 3/4" washpipe, top sub, jars, X/O, (6) 4 3/4" DC's, TIH. Break circulation w/ air mist @ 2955'. Wash over fish from 2955' to 3152' w/ 1850 CFM, 14 BPH mist. Tag fill @ 2974', wash fill from 2974' to 3017' shale returns in mist, no fill or shale returns from 3017' to 3152'. Circulate & condition. LD 6 jts DP, TOOH. PU screw in sub, bumper sub, jars, X/O sub, (6) 4 3/4" DC's, X/O sub, accelerators, X/O sub, TIH. Screw into fish @ 2955'. Jar up to 80K on fish, pull 120K on fish.

05-24-2004 Jar w/ elevators. Jar up to 90K on fish, pull 120K on fish. Moved fish uphole 3.5' to 2955.5'. RU WL truck, run freepoint tool. DC-3202'-stretch-70,94. Torque-18,15,15. 3280'-stretch-68,78. Torque-18,16. 3350'-stretch-75,99,98. Torque-10,10. 3400'-stretch-55,60. Torque-4,6. 3490'-stretch-45,40. Torque-2,5. RU backoff shot, RIH, back off @ 3203'. Top of fish @ 3203'. Fish left in hole is: 6 1/4" bit, motor, UBHO, monel DC, (10) 4 3/4" DC's, total length of fish - 360.51', TOOH w/ fish. LD fish. Recovered 2 jts 3 1/2" DP, (6) 4 3/4" DC's. Length of fish recovered 247.33'. Slip 175' drilling line. PU screw in sub, bumper sub, jars, X/O sub, jars, X/O sub, (8) 4 3/4" DC's, X/O sub, accelerators, X/O sub. TIH, screw into fish @ 3203', jar down. PU Kelly, attempt break circulation, no circulation, set Kelly back, jar down on fish. Move bit down to 3635', work & jar up w/ Kelly from 3635' to 3192'. TOOH w/ fish, RU & LD fishing tools & fishing DC.

05-25-2004

Recap: LD DC & fish. Retrieved bit, motor, UBHO, monel DC, (10) 4 3/4" DC's. Total length of fish 360.51'. LD wash pipe, load out tools. Strap, caliper, PU BHA. Run WLSS tool through BHA OK. TIH to 3142', break circulation, strap 3 1/2" DP. PU DP, tag @ 3247'm blow well dry from 3242' to 3267' w/ 1850 cfm, 250#.

05-26-2004 Blow well dry from 3267' to 3581', returns 1/4" to 1" cuttings. Blow well to dust each connection. Heavy returns from 3267' to 3361'. Blow well dry from 3581' to 3800', returns fines to 1/4" cuttings. Blow well to dust each connection. Heavy returns from 3769' to 3800'.

05-27-2004 Blow well dry from 3800' to 3884', returns fines to 1/4" cuttings. Blow well to dust each connection. Heavy returns from 3769' to 3800'. Drilling 6 1/4" hole from 3884' to 4279'.

05-28-2004 Drilling 6 1/4" hole from 4279' to 5156', blow well & condition hole. TOOH w/ bit #10.

05-29-2004 TOOH w/ bit #10 @ 5156'. PU 6 1/4" air hammer & test same. TIH w/ hammer bit #11, 10' of fill. Drilling 6 1/4" hole from 5156' to 5732'. Work tight hole, circulate & condition.

05-30-2004 Work tight hole, circulate & condition. Drilling 6 1/4" hole from 5732' to 6570', drilled fracture @ 6570'. PU, lost 30K string wt, blow well, screw into drill string. Circulate & condition, contacted geologist; changed TD from 6607' to 6570'. TOOH to run 4 1/2" liner.

05-31-2004 TOOH to run 4 ½" liner. RU csg crew, run 76 jts, 4 ½", 10.5#, J-55, ST&C csg & 4 ½" liner hanger. Landed @ 6569', top of liner @ 3099'. MIRU BJ services, cmt csg as follows: pump 10 bbls gelled FW spacer ahead. Lead: 150 sxs (68.6 bbls) Prem Lite HS FM w/ 1% FL-52, .2% CD-32, 3 lb/sx CSE, ¼ lb/sx Cello Flake @ 11.6 ppg, 2.57 YD. Tail: 270 sxs (103 bbls) Prem Lite HS FM w/ 1% FL-52, .2% CD-32, 3 lb/sx CSE, ¼ lb/sx Cello Flake, 4% Pheno-seal @ 12.3 ppg, 2.15 YD. Displaced w/ 77.7 bbls FW. Bumped plug @ 1609 hrs w/ 700#. Check float, held OK, pack off. Circulate 0 bbls excess cmt to surface. Possible gel water spacer to surface. RD cementers.

06-01-2004 RD, release rig @ 1000 hrs, 5/31/04.