

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

2007 JUL -2 PM 12:25

5. Lease Designation and Serial No.
SF-078766

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED
BLM
210 FARMINGTON NM

7. If Unit or CA, Agreement Designation

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

8. Well Name and No.
ROSA UNIT #145

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9. API Well No.
30-045-29166

3. Address and Telephone No.
PO BOX 3102 MS 25-4, TULSA, OK 74101 (918) 573-3046

10. Field and Pool, or Exploratory Area
PICTURED CLIFFS/BLANCO
MESAVERDE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1679' FNL 1835' FEL SEC. 16, T31N, R6W

11. County or Parish, State
SAN JUAN, NEW MEXICO

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 TUBING REPAIR

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.)*

Objective: Repair hole in long string tubing with larger tubing. Convert short string to rod pump.

- 1) MIRU, kill, ND tree, & NU BOP's.
- 2) POOH with tubing on both strings.
- 3) Mill out packer.
- 4) Clean out fill to PBTD @ 5,960' MD.
- 5) Set packer @ 3,270' MD w/EOT @ 5,850'.
- 6) RIH and hang-off short string @ 3,290'.
- 7) RIH w/rods & pump.
- 8) ND BOP's & NU tree.
- 9) RIH w/rods and test up.
- 10) Set up pumping unit.
- 11) Release rig.
- 12) Return to production.

RCVD JUL 16 '07
OIL CONS. DIV.
DIST. 3

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed

Rachel Lipperd
Rachel Lipperd

Title Engineering Tech

Date June 29, 2007

(This space for Federal or State office use)

Approved by

Peter Eng

Title

Peter Eng

Date

7/12/07

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.

NMOC



EXPLORATION & PRODUCTION

TUBING REPAIR

ROSA 145

SAN JUAN COUNTY, NEW MEXICO

JUNE 2007

WELLBORE STATUS:

PBTD 5,960' MD

1-1/2", 2.9#/FT, J-55 EUE 10 RD TO 3,241' MD---PC COMPLETION

PC ESTIMATED; SIBHP = 1100± PSIG, BHT 165 DEGREES

1-1/2", 2.9#/FT, J-55 EUE 10 RD TO 5,880' MD---MESA VERDE COMPLETION

MV ESTIMATED; SIBHP = 500± PSIG, BHT 178 DEGREES

OBJECTIVE: Repair hole in long string tubing with larger tubing. Convert short string to rod pump.

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PRIOR TO PRIMARY JOB

- 1) Acquire 5,900' of 2-1/16", 3.25#/ft, J-55 tubing for long string..
- 2) Acquire 4,200' of NEW 2-3/8" 4.7 #/ft eue 8rd J-55 tubing for top of long string.
- 3) **Packer has been ordered;** contact Baker Hughes Oil Tools for packer (Lee Whiting 505-325-0216 office).

- 4) Test rig anchors.
- 5) Verify location is OK for rig operations.
- 6) Ensure JSA, ECP's and lockout procedures are in place for the flowline and other energized piping or equipment.

SAFETY NOTICE

**PERSONNEL SAFETY IS THE NUMBER ONE JOB.
NO EXCEPTIONS!!!**

PROCEDURE:

Note: A safety meeting shall be held each morning before work and subsequent "tailgate" safety meetings are to be held during the day when operation objectives shift in nature and intent (i.e. beginning/ending fishing operations, squeeze jobs, rigging down, etc.)

1. Spot equipment, MIRU.
2. Blow down gas on well as possible to kill.
3. Set BPV's as necessary and pump into both tubing strings and backside to load well with filtered FLSW + 2% KCl as necessary to kill well.

Note: Steps 2 & 3 are to be performed each day before work begins and as necessary throughout the workday (with expected departure(s) when tubing is out of the hole).

4. ND tree and NU BOP's (blind & pipe rams).
5. Test BOP's for operation and have shop test report for pressure on location.

Note: Step 5 is to be performed each time BOP stack is nipped up.

6. Pick up one stand on PC tubing completion and inspect. If in relatively good condition, rerun and pick up new 2-1/16" as necessary to clean out to TOL @ 3,548'.
7. POOH with short string and lay down.
8. P/U on MV long string (1-1/2" 2.9 #/ft) and attempt to pull out of packer not to exceed 43,000 lbs. If string does not pull, got to # 8.1. below, otherwise if string pulls go to step 9.
 - 8.1. If no fill was encountered in step # 6 above to clean out to TOL, RIH with wireline and establish a freepoint. If stuck at packer, attempt to backoff (depending on PC short string pipe condition) 1 joint above packer or, if backoff is not desired, cut 2' below top of 1st full joint above packer and proceed to step # 8.6, if not go to # 8.2 below.
 - 8.2. If pipe is stuck at 4,000 ft or above, RIH with 350' of 1-1/4" 1.66 #/ft pipe (or 1" 1.315#/ft pipe) crossed over on new completion string 2-3/8" 4.7 #/ft eue 8rd pipe and cleanout to top of Model D packer @ 4,000' until returns clean up.
 - 8.3. POOH with cleanout string standing back 2-3/8" 4.7 #/ft pipe and laying down 1-1/4" pipe.
 - 8.4. Attempt to POOH with MV long string not to exceed 45,000 lbs of pull. If pipe pulls, proceed to step # 9, if not got to 8.5 below.

- 8.5. RIH with wireline, establish freepoint. If still stuck at packer, attempt to backoff (depending on PC short string pipe condition) 1 joint above packer or, if backoff is not desired, cut 2' below top of 1st full joint above packer. If stuck some distance below packer call Tulsa engineer for consultation and direction.
- 8.6. POOH with cut pipe and lay down.
- 8.7. RIH with fishing tools and jars on 2-3/8" eue 8rd pipe and jar 2-1/16" pipe out of hole. (Jars to be set above top of liner!).
9. POOH with long string standing back 2-3/8" pipe and lay down 2-1/16" pipe.
10. P/U packer plucker and RIH and mill out packer (Model D) at 4,000' and POOH.
11. Lay down packer.
12. RIH with 2-1/16" completion string (nipple on bottom) and circulate out to PBTD @ 5,960' MD.

Note: Rabbit all tubing RIH.

13. After returns clean up, PU approximately 2,680' to 2,710' and stand back tubing.
14. P/U Baker Model R type packer and set packer at 3,270' to 3,300' MD with EOT of MV long string tubing being set from 5,825'-5,860' MD.
15. P/U new 2-3/8" 4.7 #/ft, eue, 8rd, J-55 tubing with a standard 2 x 2-3/8" API Bottom Lock Pump Shoe and 25'+/- of mud anchor on bottom. **This installation is for a 1.75" insert pump. Pump intake to be set @ 3,250' +/-.**

ATTENTION

Only use pipe dope on the pins. **Do not dope the couplings.** If pipe dope gets on the exterior of the couplings or the pipe it should be wiped clean from the pipe or coupling. Do not use excess pipe dope and only dope the threads on the pins.

Note: This well should be dead and the BOP's shall be closed and locked at the end of daily operations.

16. N/D BOP's and N/U wellhead.
17. RIH with new insert pump and new Norris 3/4" sucker rods (Class D) with pony rods as necessary for space-out and a 22 ft. minimum length (up to 30 ft.) 1-1/4" polish rod.
18. Load tubing with water and stroke pump to 500 psig to test completion.
19. R/D, move off location.
20. Return well to production.

Rosa Unit # 145 Blanco MV/Rosa PC

Location: 1679' FNL, 1835' FEL
Sec. 16(G), T31N, R6W: San Juan, NM
Elevation: 6322'
API No: 30-045-29166
KB: 12'

Spudded: 8/24/1994
Completed: 10/14/1994
ID'd: 11/18/1994

<i>Tops</i>	<i>Depth</i>
Ojo Alamo	2330'
Kirtland	2445'
Fruitland	2907'
Pic. Cliffs	3459'
Lewis	3518'
Cliff House	5300'
Menefee	5397'
Pt. Lookout	5623'

Surface Csg: 12 Jts. 9 -5/8", 36#, K-55,
LT&C. Set @ 524' KB w/ 300 sx
Cement Circ. to Surface. Hole Size: 12 -
1/4"

Pictured Cliffs Tubing: 1 -1/2", 2.90#, J-55,
10md EUE 1/2 M/S, one jt. 1.90", 2.90#, J-55,
10md EUE tbg, one 1.37", 2.90# J-55, 10md
EUE S/N, 100 jts 1.90", J-55, 10 md EUE tbg,
S/N set @ 3208'. Landed @ 3241' KB.

Arrowdrill Production Packer. Set @ 4000'

TOL @ 3458' Liner Top Squeezed
w/ 100 sx Cement.

Intermediate Csg: 80 Jts. 7", 20#, K-55,
ST&C, Set @ 3590 w/ 600 sx. of Cement
Circ. to Surface. HoleSize: 8 -3/4"

MV Tubing: 1 -1/2", 2.9#, J-55, EUE
10Rd. Top to Bottom: 1 Jt., 1(2-1/16")
pup jt., 124 Jts., 3 Unit Seal Assembly,
58 Jts. of Tail Pipe, 1-3/8" ID SN, 1/2
mule shoe. 184 Jts. Total, Landed @
5880'. SN @ 5880'.

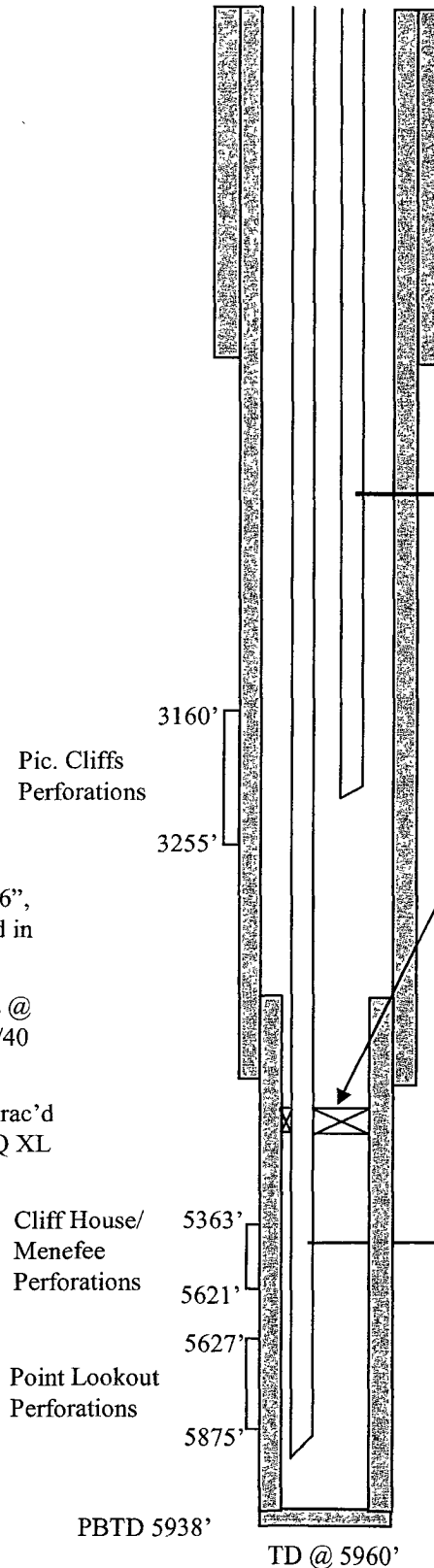
Production Csg: 56 Jts, 4 -1/2", 10.5#, K-55,
ST&C, Set @ 5960' w/ 245 sx. Float Collar @
5938'. TOC @ TOL (3458')

Stimulations:

Point Lookout: 42 Holes @ 0.36",
Frac'd w/78,500# of 20/40 sand in
SW.

Cliff House/Menefee: 32 Holes @
0.36", Frac'd w/ 66,000# of 20/40
sand in SW.

Pic. Cliffs: 40 Holes @ 0.36" Frac'd
w/115,000 of 20/40 sand in 70Q XL
foam.



This form is not to be
used for reporting
packer leakage tests
in Southeast New Mexico

NEW MEXICO OIL CONSERVATION DIVISION

NORTHWEST NEW MEXICO PACKER LEAKAGE TEST

Page 1
Revised June 10, 2003

Operator Jesse Whitaker Lease Name Rosa Well No. 145

Location Of Well: Unit Letter _____ Sec 16 Twp 31N Rge 6W API # 30-
0

	Name of Reservoir or Pool	Type of Prod. (Oil or Gas)	Method of Prod. (Flow or Art. Lift)	Prod. Medium (Tbg. Or Csg.)
Upper Completion	PC	Gas	Flow	Tbg
Lower Completion	MV	Gas	Flow	Tbg

Pre-Flow Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In 10:00 am, 4-17-06	Length of Time Shut-In 48 hrs	SI Press. Psig Cas-582.4 tub-8.4	Stabilized? (Yes or No) yes
Lower Completion	Hour, Date, Shut-In 100:00 am, 4-17-06	Length of Time Shut-In 48 hrs	SI Press. Psig 577.1	Stabilized? (Yes or No) yes

Flow Test No. 1

Commenced at (hour, date)* 1:22 PM, 4-20-06				Zone producing (Upper or Lower): Lower (MV)	
Time (Hour, Date)	Lapsed Time Since*	Pressure		Prod. Zone Temp.	Remarks
		Upper Compl.	Lower Compl.		
11:23 AM 4-21-06	22 hrs	Tub 6.6 psig Cas 166.2 psig	Tub 124.7 psig		PC casing looks as if communicating with the MV tubing
11:10 AM 4-22-06	46 hrs	Tub 9.4 psig Cas 187.8	Tub 112.9 psig		" "
11:00 AM 4-23-06	68 hrs	Tub 9.4 psig Cas 148.8 psig	Tub 104.5 psig		While swabbing on this well there was definite communication between the two zones.
12:15 PM 4-24-06	94.75 hrs	Tub 10.9 psig Cas 147.9 psig	Tub 126.0 psig		
12:36 PM 4-25-06	109 hrs	Tub 18.3 psig Cas 156.3 psig	Tub 119.0 psig		
11:00 AM 4-26-06	132 hrs	Tub 26.3 psig Cas 142.9 psig	Tub 120.0 psig		

Production rate during test

Oil: _____ BOPD based on _____ Bbls. In _____ Hrs. _____ Grav. _____ GOR _____

Gas: 40 MCFPD; Test thru (Orifice or Meter): Orifice

Mid-Test Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In 10:00 AM, 4-17-06	Length of Time Shut-In	SI Press. Psig	Stabilized? (Yes or No)
Lower Completion	Hour, Date, Shut-In 12:04 PM, 4-28-06	Length of Time Shut-In	SI Press. Psig	Stabilized? (Yes or No)

(Continue on reverse side)

BLM CONDITIONS OF APPROVAL

CASING REPAIR OPERATIONS:

- 1. A properly functioning BOP and related equipment must be installed prior to commencing worker and/or recompletion operations.**
- 2. If this well is in a Seasonal Closure Area or a Specially Designated Area, adhere to the closure requirements and special conditions.**
- 3. If casing repair operations are needed, obtain prior approval from this office before commencing repairs.**

SURFACE USE OPERATIONS:

The following Stipulations will apply to this well unless a particular Surface Managing Agency or private surface owner has supplied to BLM and operator a contradictory environmental stipulation. The failure of operator to comply with these requirements may result in assessments or penalties pursuant to 43 CFR 3163.1 or 3163.2. A copy of these conditions of approval shall be present on location during construction, drilling and reclamation activity.

An agreement between operator and fee landowner will take precedence over BLM surface stipulations unless (in reference to 43 CFR Part 3160) 1) BLM determines that operator's actions will affect adjacent Federal or Indian surface, or 2) operator does not maintain well area and lease premises in a workmanlike manner with due regard for safety, conservation and appearance, or 3) no such agreement exists, or 4) in the event of well abandonment, minimal Federal restoration requirements will be required.

STANDARD STIPULATIONS: All surface areas disturbed during work-over activities and not in use for production activities will be reseeded. This should occur in the first 90 days after completion of work-over activities.

SPECIAL STIPULATIONS:

- 1. Pits will be fenced during work-over operation.**
- 2. All disturbance will be kept on existing pad.**
- 3. All pits will be pulled and closed immediately upon completion of the work-over activities.**
- 4. Pits will be lined with an impervious material at least 12 mils thick.**