

Submit 3 Copies
To Appropriate
District Office

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

Form C-103
Revised 1-1-89

WELL API NO.

30-039-25135

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement
Name:

ROSA UNIT

8. Well No.

100E

9. Pool name or Wildcat

Palancomv; Rosa A
BASIN DK

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well:

Oil Well ☐

Gas Well ☒

Other

2. Name of Operator

WILLIAMS PRODUCTION COMPANY

3. Address of Operator

P O BOX 3102, MS 25-4, TULSA, OK 74101

4. Well Location (Surface)

Unit letter I : 1570 feet from the SOUTH line & 870 feet from the EAST line Sec 21-31N-6W RIO ARRIBA, NM

10. Elevation (Show whether DF, RKB, RT, GR, etc.

6268' GR

Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL
WORK

PLUG AND ABANDON

TEMPORARILY ABANDON

CHANGE PLANS

PULL OR ALTER CASING

OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK

ALTERING CASING

COMMENCE DRILLING OPNS.

PLUG AND

ABANDONMENT

CASING TEST AND CEMENT JOB

X OTHER: PUMP REPAIR & C/O.

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103.

RCVD DEC 12 '08

OIL CONS. DIV.

11-26-2008

Load out w/ R&E @ Rosa 18-A. Road R&E from Rosa 18-A to Rosa 100-E. Move in & spot R&E. Spot & NU w/ circ pump & flowback tank. Set up w/ rig mast. Filled & press test tbg @ 500 psi -- bled to 0 psi immediately. ND w/ pump jack, TIH w/ rods & pump. Test pump in 5 gal diesel bucket -- pump held fluid and stroked good. Top 99 sgls rods in good cond, rods below 99 boxes were worn down past the shoulders to the threads in some areas indicating tubing badly rod cut. Csg = 250# -- BD to FB tank, ND w/ prod head. NU w/ BOP & function tested same, NU w/ work platform. Un-land tbg and release anchor. TOH w/ 2400' 23/8" x 8-EUE x J-55 tubing -- measured and stood back in derrick. Winterized pump & rig equip, rig will be down until Monday 12/1/08.

DIST. 3

Please see attached for continuation of workover report:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE

Rachel Lipperd

TITLE: Engineering Technician II

DATE: December 9, 2008

Type or print name Rachel Lipperd

Telephone No: (918) 573-3046

(This space for State use)

APPROVED BY

Felix G. Balle

TITLE Deputy Oil & Gas Inspector,

Conditions of approval, if any:

12/15

District #3

DEC 17 2008

12-01-2008

Csg = 275# - BD to FB tank. Wait on empty float for tbg. M I & spot empty float. TOH w/ 23/8" PS tbg -- LD in sgls - tbg heavily coated w/ scale on outside & badly rod cut inside. Bottom 3 jts & MA packed solid w/ coal fines. Load out & sent to Tuboscope for inspection. Moved in & spotted new tbg & float. Made up mule shoe - F-nipple w/ ret standing valve seated in place - 16 jts 23/8" x 10-nue tbg & 76 jts from derrick. NU w/ circ pump. Press test tubing at 1000# - solid test. NU w/ Little Red overshot & TIH w/ same on 9/16" SL. Fished retrievable standing valve, ND w/ fish tools. TIH w/ tested tbg on new 23/8" 8-eue tbg -- picked tbg up in sgls - meas & rabbit same. Tagged top of fill at 5690' = 96' fill - PBSD @ 5786 - bottom perf @ 5686'. NU w/ air pack - broke circ w/ 10 bph A/S/CI in 20 min @ 750 psi. Disp 30 bbls form wtr w/ air. Circ coal fines from 5690' to 5750'. Made soap sweeps, ND w/ air pack. TUH w/ tbg & hung off above MV perfs at 5200'.

12-02-2008

275# csg - bled to FB tank. TDH w/ tbg - tagged fill @ 5730' = 20' fill entry overnight. NU w/ AP - broke circ w/ 10 bph A/S/CI in 10 min @ 600 psi -- disp 20 bbls formation water w/ air. Circulated coal fines from 5730' to PBSD @ 5786'. Circulate w/ air - rec 21/1 cups coal fines in 5 gallon bucket test @ start of circ. After 2 1/2 hrs circ @ PBSD started rec 1/2 cups frac sand & coal fines. Recovering 9 BPH form wtr from wellbore, circ wellbore clean. Made soap sweeps w/ no sand or coal fines rec, tripped up hole with tbg & hung off above Mesa Verde perfs @ 5200'. Winterized pump and rig equip, SDFN.

12-03-2008

Csg = 275# -- BD to FB tank. TDH w/ tbg -- tag top of fill @ 5766' = 20' fill entry overnight. NU w/ AP & broke circ w/ 10 BPH A/S/CI in 15 min @ 560 psi. Disp 20 bbls form wtr w/ air. Circ & cleaned out frac sand & coal fines from 5766' to PBSD @ 5786'. Circ w/ air rec 11/2 cups sand & coal fines in 5 gal bucket test at start of circ -- making periodic soap sweeps. Circ wellbore clean and made soap sweeps w/ no solids return. ND w/ AP, TUH w/ tbg & hung off at 5200'. Rig to run rods, TIH w/ bad rods from derrick. TOH w/ bad rods - laid down in sgls, rig for tbg. TDH w/ tbg & tagged up @ 5783' = 3' fill settled out of fluid, TOH w/ tbg.

12-04-2008

Csg = 275# - BD to FB tank. MIRU w/ SBC equip. Made up 23/8" screen mud anchor - 17/8" F-Nip - 16 jts 23/8" x 10-nue tbg & TIH w/ same on 23/8" x 8-eue PS tbg - strapped 1/4" chem cap tbg to outside of top 94 jts PS tbg = 3000', NU w/ chem adap tbg hgr. Set Mod B tbg anchor at 3086' in neutral position, ND w/ WP & BOP, NU w/ chem adap companion flange & prod head. NU w/ AP - pump ahead w/ 4 bbls KCL - pump off check @ 600#, circ w/ air & rec load wtr. MIRU w/ Champion chem equip. Spot 20 gals mixed w/ 10 bbls KCL across MV perfs, ND w/ Champion equip & AP. Rig for rods, TIH w/ new pump and rods - picked new 3/4" guided rods in sgls & ran salvaged 3/4" & 7/8" rods from derrick. Spaced pump and fill tbg w/ KCL - press test @ 750# w/ rig pump - solid. Stroked pump to 750# w/ rig - good pump action. NU w/ pump jack & hung well on ready for prod. Load out rig tools & cleaned loc, LD w/ rig mast, made ready to move in morning 12/05/08 to Rosa 24-C.

(23/8" tbg net @ 5739')

ROSA UNIT #100E

PC/MV

Location: 1570' FSL, 870' FEL
NE/4 SE/4 Section 21, T31N, R6W
Rio Arriba, NM
Elevation: 6268' GR

API: 30-039-25135

Pumping Unit
Dansco 320-250-120

Spudded: 11/05/91
MV/PC Completed: 11/20/94
1st Delivery: 10/29/99
Pump Install: 08/25/08

Tops Depth

Nacimiento	N/A
Ojo Alamo	2310'
Kirtland	2414'
Fruitland	2894'
Pictured Cliffs	3154'
Lewis	3440'
Cliff House	5235'
Menefee	5324'
Point Lookout	5536'
Mancos	5845'
Greenhorn	7606'
Graneros	7656'
Dakota	7786'

Rod String: 3 - 1 1/4" sucker bars, 127 - 3/4" guided
sucker rods, 20 - 3/4" reg sucker rods, 78 - 7/8"
sucker rods, 1 1/4" polished rod w/ 1 1/2" liner

Pump Install: 2" x 1 1/2" x 18' RHAC
(Energy Pump) w/ 1" x 6' gas anchor

STIMULATION

Pictured Cliffs 3156' - 3218' (53 holes @ 0.36 EHD)
97,000# 20/40 sand in 59,360 gals of 30# X-Link gel in
70 qual foam.

Mesa Verde 5304' - 5686'
103,200# 20/40 in 101,430 gals

CMT RET @
7898' no cement

9jts 9-5/8", 36#, K-55 ST&C csg. Landed @ 440'

3156'
3184'

DV Tool
@ ?? Ft.

3187'
3193'

PC Perforations, 53 holes
@0.36" EHD

3196'
3204'

3211'
3218'

Top of Liner @ 3846'

103 jts 7", 23#, K-55, LT&C @4185'

Tbg anchor @ 3086'

MV/PC Tubing: 176 jts of 2 3/8", J-55 tbg @ 5739' as
follows: 2 3/8" screened mud anchor, 1.78" F-Nipple @ 5707',
16 jts of 2 3/8", 10-NUE tbg, 65 jts of 2 3/8", 8-EUE tbg, Type
B, 7" x 2 3/8" tbg anchor (left hand set, right hand release,
neutral position), 95 jts of 2 3/8", 8-EUE tbg, (3000' 1/4"
stainless steel chem cap string strapped to outside of tbg).

5304'

MV Perforations (32 holes @ 0.36 EHD)

5686'

PBTD @ 5786'

Cement Retainer @
7721'Sqz w/75 sx (89 cf)
DK perms

7788'

7878'

7912'

7938'

4-1/2", 11.6#, N-80 from 3846' to 8000'

PBTD @ 5786'
TD @ 8000'

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
12-1/4"	9-5/8" 36#	285 sx	336 CUFT	SURFACE
8-3/4"	7" 23#	960 sx	1107 CUFT	SURFACE
6-1/4"	4-1/2" 16#	670 sx	790 CUFT	LINER TOP