

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.
SF-078771

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

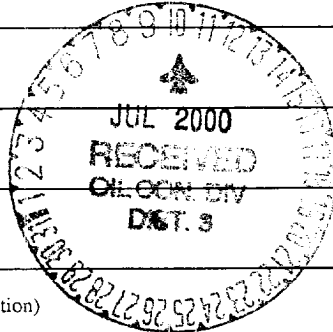
8. Well Name and No.
ROSA UNIT #21A

9. API Well No.
30-039-26121

10. Field and Pool, or Exploratory Area
BLANCO MV

11. County or Parish, State
RIO ARRIBA, NM

SUBMIT IN TRIPLICATE



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

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

3. Address and Telephone No.
PO BOX 3102 MS 37-2, TULSA, OK 74101 (918) 573-6254

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1250' FNL & 2165' FWL, NE/4 NW/4 SEC 23-31N-06W

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

TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent	Abandonment Recompletion Plugging Back Casing Repair Altering Casing Other _____
<input checked="" type="checkbox"/> Subsequent Report	X 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.)
Final Abandonment	

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.)*

Williams Production Company proposes to revert to our original completion plans. After review of the logs on this well, Williams proposes to complete this well in the Blanco Mesa Verde formation only. An updated Completion Prognosis is attached for your review

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

Signed Tracy Ross
Tracy Ross

Title Production Analyst

Date June 15, 2000

(This space for Federal or State office use)

Approved by [Signature]

Title Per. Eng.

Date 7/6/00

Conditions of approval, if any:



Exploration & Production
COMPLETION PROGNOSIS

Date 5/19/00

WELLNAME: ROSA #21A FIELD: Blanco MV

LOCATION: NENW Sec.23, T31N, R6W SURFACE: BLM
Rio Arriba Co., NM

ELEVATION: 6281' GR MINERALS: Federal

TOTAL DEPTH: 6047' LEASE # SF-078771

FLOAT COLLAR: 6026' KB MARKER JOINT: 5119' KB

Top of Liner: 3446 KB

I. GEOLOGY: Surface formation - San Jose

FORMATION TOPS

Cliff House Trans	5006'
Cliff House	5318'
Menefee	5348'
Point Lookout	5594'
Mancos	5988'

II. CASING RECORD

<u>CASING SIZE</u>	<u>WT. & GRADE</u>	<u>DEPTH</u>	<u>CEMENT TOP</u>
9-5/8"	36# K-55	288'	Surface
7"	23# K-55	3583'	Surface
4-1/2"	10.5# K-55	3446' to 6047'	3446'

III. POINT LOOKOUT STIMULATION PROCEDURE

A. PREPARATION:

1. There will be 14 tanks on location.
2. All water will be treated with biocide while filling the tanks.
3. MOL & RU. NU BOP.
4. PU 3-7/8" Bit on 2-3/8" workstring. TIH and CO to PBTD (6000'). Rotate through liner top.
5. Circulate well clean and pressure test 7" and 4-1/2" casing to 3500#.
6. Spot 500 gal of 15% HCL.
7. TOH and prepare to perforate.

B. PERFORATIONS:

1. Use a 3-1/8" carrier and 0.38" dia. holes.
2. Perforate at each of the following depths. Total of 30 holes. Depths refer to Open Hole Logs.

5588' 5609' 5628' 5646' 5671' 5757'
5595' 5613' 5632' 5652' 5682' 5807'
5597' 5616' 5637' 5654' 5699' 5833'
5600' 5619' 5641' 5657' 5719' 5880'
5604' 5623' 5644' 5659' 5739' 5900'

3. Establish a rate with water into perforations, shut down and record ISIP. Resume rate and drop 45 ball sealers (1.3 S.G.) spaced evenly throughout 1000 gallons 15% HCL Acid. Breakdown and ball-off all perforations if possible.
4. RIH with a wireline junk basket and retrieve or knock off balls.

B. STIMULATION:

1. Stimulate Point Lookout using the following schedule if pressure permits (**90 BPM @ 3000#**). Use 6 high rate frac pumps and 1 stand by. All frac water to contain 1/2 gal friction reducer/1000 gals of water Use 80,000 lbs of 20/40 Arizona sand.

STAGE (ppg)	SAND (#)	VOLUME (BBLs)	SLURRY (BBLs)
PAD	0	330	330
0.5	5000	238	243
1	15000	357	373
1.5	30000	476	509
2	30000	357	390
FLUSH	0	174	174
TOTAL	80000	1935	2019

2. Flush to top perforation.
3. Set a CIBP @ 5570' with wireline.
4. Pressure test plug to 3500#.

IV. MENEFFEE/ CLIFF HOUSE STIMULATION PROCEDURE

A. PERFORATIONS:

1. Use a 3-1/8" carrier and 0.38" dia. holes.
2. Perforate Cliffhouse/Menefee under pressure with ONE HOLE at each of the following depths (**26 holes**). Depths refer to Open Hole Logs.

4389' 4543' 5069' 5372' 5401' 5538'
4394' 4547' 5101' 5377' 5403'
4399' 4648' 5106' 5380' 5416'
4402' 4651' 5322' 5382' 5445'
4529' 4697' 5325' 5385' 5483'

3. Establish rate with water into perforations, shut down and record ISIP. Resume rate and drop 55 ball sealers (1.3 S.G.) spaced evenly throughout 1000 gallons 15% HCL acid. Breakdown and ball-off all perforations if possible.
4. RIH with a wireline junk basket and retrieve or knock off balls.

B. STIMULATION:

1. Stimulate Cliff House/Menefee using the following schedule if pressure permits. All frac water to contain 1/2 gal friction reducer/1000 gals of water. Use 80,000 of 20/40 of sand (90 BPM @ 2500# is expected). Use 6 high rate frac pumps and 1 stand by.

STAGE (ppg)	SAND (#)	VOLUME (BBLs)	SLURRY (BBLs)
PAD	0	330	330
0.5	5000	238	243
1	15000	357	373
1.5	30000	476	509
2	30000	357	390
FLUSH	0	155	155
TOTAL	80000	1914	2000

2. Flush to top perforation.

V. CLEAN UP:

1. PU a 3-7/8" bit on 2-3/8" tubing, CO with gas to CIBP @ 5570'.
2. Pull above perforations, gauge well and blow for 4 hrs with a compressor.
3. Repeat steps 1 & 2 until formation quits making sand.
4. Drill CIBP @ 5570' and CO to PBTD (6000') with gas.
5. Pull above perforations, gauge well and blow for 4 hrs with a compressor.
6. Repeat steps 5 & 6 until formation quits making sand.
7. Run 2-3/8" 4.7# J-55 EUE tubing with a notched collar on bottom and a common seating nipple on top of bottom joint. Land tubing at 5850' KB.
8. ND BOP and NU WH.
9. Pump out plug and kick well off up the tubing.
10. Rig down and release rig.

David Spitz
Engineer, Production & Drilling