

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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—" for such proposals.)

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

~~WILLIAMS PRODUCTION COMPANY~~ (for NORTHWEST PIPELINE CORP.)

3. ADDRESS OF OPERATOR

P.O. BOX 58900, SALT LAKE CITY, UTAH 84158-0900

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1820' FNL
1210' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6767' GR

5. LEASE DESIGNATION AND SERIAL NO.

SF-078892

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

ROSA UNIT

8. FARM OR LEASE NAME

ROSA UNIT

9. WELL NO.

#104

10. FIELD AND POOL, OR WILDCAT

UND. GALLUP

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SEC. 14 H, T31N, R4W

12. COUNTY OR PARISH

RIO ARRIBA

13. STATE

NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. 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.)*

1) WE PROPOSE TO PERMANENTLY ABANDON THIS WELL AS PER THE ATTACHED PROCEDURE.

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

SIGNED

John McQuinn

TITLE

SR. ENGINEER

DATE

9/2/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED

SEP 24 1992

AREA MANAGER

*See Instructions on Reverse Side

RECEIVED

RECEIVED

SEP 25 1992

OIL CON. DIV.
DIST. 3

RECEIVED


SEP 19 1992

RECEIVED

ROSA UNIT #104 GL/DK
P&A PROCEDURE

1. MOL RU Service Unit. Notify BLM 24 hrs. prior to MOL.
2. Hold safety meeting and discuss procedure.
3. PU stinger for a Baker cement retainer on 2-3/8" tubing and TIH.
4. Sting into retainer at 7298'. Squeeze the Gallup perforations with 163 sx (192 cu.ft.) of class "B" and spot 31 sx (37 cu.ft.) inside the casing (100% excess outside and 50% excess inside the casing). Sting out of and leave 5 sx on top of the retainer. Pull 2 joints.
5. Spot 15 BBLS of 9#/gal. mud from 7230' to 6284'. TOH to 6284'.
6. Spot plug #2: 49 sx (58 cu.ft.) from 6284' to 5841' (50% excess to cover from 50' below the Point Lookout to 50' above the Cliff House). TOH to 5841'.
7. Spot 31 BBLS of 9#/gal. mud from 5841' to 3852'. TOH to 3852'.
8. Spot plug #3: 47 sx (55 cu.ft.) from 3852' to 3431' (50% excess to cover from 50' below the Pictured Cliffs to 50' above the Fruitland). TOH to 3431'.
9. Spot 3 BBLS of 9#/gal. mud from 3431' to 3244'. TOH to 3244'.
10. Spot plug #4: 24 sx (28 cu.ft.) from 3244' to 3025' (50% excess to cover from 50' below the Ojo Alamo to 50' above the Ojo Alamo). TOH to 3025'.
11. Spot 40 BBLS of 9#/gal. mud from 3025' to 454'. TOH.
12. Perforate at 454' (50' below surface casing shoe).
13. Establish circulation from the bradenhead and pump cement until the surface is circulated (estimate 370 sx).
14. Cut-off wellhead and install P&A marker. Release rig.

file:#104p&a


Mark McCallister
Sr. Engineer, Production & Drilling

WILLIAMS PRODUCTION COMPANY

PLUG & ABANDON

LEASE NAME: Rosa Unit	WELL NO.: #104	FIELD: Undesignated
LOCATION: SE/4 NE/4, Sec. 14, T31N,R04W	COUNTY: Rio Arriba	STATE: New Mexico
FORMATION: Gallup	TOTAL DEPTH: 8750'	TOTAL DAYS: 3

	ESTIMATED COST :	ACTUAL COST
	SUB TOTAL :	COST TOTAL
WELLHEAD EQUIPMENT:	-8000	-8000 : _____
OTHER EQUIPMENT:		
Surface Production Equipment	-9000	-9000 : _____
TOTAL TANGIBLE COSTS	-17000 :	0
DRILLING COSTS:		
Service Unit 3 Days 2000 \$/Day	6000	: _____
Rig Moving Costs	4000	10000 : _____
		: _____
CEMENTING (Cement, Pump Trucks and Drayage):		
Squeeze Jobs & Plugs	11500	: _____
Cement Retainer	900	12400 : _____
		: _____
SPECIAL SERVICES:		
Perforating	1500	1500 : _____
		: _____
MATERIALS:		
Drilling Mud and Chemicals	2600	: _____
Tank Rental	1500	: _____
Water	500	: _____
Hauling	1800	: _____
Tubular Inspection	3000	: _____
Miscellaneous: Pipe dope, Stripping rubbers, etc.	500	9900 : _____
		: _____
ACCESS and LOCATION and CLEANUP:	2000	: _____
SUPERVISION, LEGAL etc.:	1350	3350 : _____
		: _____
TOTAL INTANGIBLE COST	37150 :	0
Total Direct Cost	20150 :	0
Plus 5% Contingency	1008 :	
Total Cost	21158 :	
Total WPC Cost	0 :	0

WORKING INTEREST

Williams Production Company	--0%---	ESTIMATED COSTS ONLY--Each participating Owner to Pay Proportionate Share of Actual Well Cost Subject to Operating Agreement
Others _____	-----	

Date -----08/05/92-----

Prepared By Mark McCallister

Approved By _____

Date _____

By _____

Partner's Approval _____

DATA SHEET

WELLNAME: Rosa unit #104 GL

FIELD: Undesignated Gallup

LOCATION: SE/4 NE/4 Sec. 14, T31N R04W

ELEVATION: 6767'GR KB = 14'

COUNTY: Rio Arriba STATE: New Mexico

TOTAL DEPTH: 8750' PBTD = 8620'

DATE COMPLETED: 01/02/84

CASING RECORD	:	CASING SIZE	:	WT. & GRADE	:	DEPTH SET	:	CEMENT	:	TOP CEMENT	:
Surface	:	13-3/8"	:	54.50# J-55	:	414'	:	350 sx	:	SURFACE	:
Production	:	4-1/2"	:	11.6# N-80	:	8750'	:	2820 sx	:	300' (survey)	:

WELLHEAD EQUIPMENT Casinghead: 11" 5000# WKM
Pool:

Tubinghead: 11" 5000# X 6" 5000#
Bonnett: 6" 5000# X 2-3/8"EUE

TUBING EQUIPMENT: None. Tubing was retired when well was TA'd.

FORMATION TOPS	Ojo Alamo	3075'	Menefee	5972'
	Kirtland	3194'	Point Lookout	6213'
	Fruitland	3481'	Gallup	6772'
	Pictured Cliffs	3673'	Greenhorn	8169'
	Lewis	3802'	Graneros	8217'
	Cliff House	5891'	Dakota	8338'

LOGGING RECORD: GR/DIL & CDL/CNL

PERFORATIONS: DK: 8338' to 8378', 8390' to 8417', 8426' to 8458' w/ 2spf.
GL: 7382' to 7480', 7604' to 7804' w/ 1spf.

STIMULATION: DK: 234,000# 20/40 in 60# GEL
GL: 145,000# 20/40 in 60# GEL

PRODUCTION HISTORY: The Dakota was determined to be uncommercial and abandoned in May of 1985. The Gallup was IP tested making 1804 MCF/D AOF. The well has never been first delivered. In July of 1992 the well was TA'd. A Baker cement retainer was set at 7298' and the casing was pressure tested to 1000#.

file:#104data

AUGUST 5, 1992

WELLBORE DIAGRAM

ROSA UNIT #104 GL/DK

SE/4 NE/4 SEC. 14, T31N, R04W

RIO ARRIBA CO., NM

ELEV. = 6767' GR.

KB = 14'

CASINGHEAD: 11" 5000#
 TUBINGHEAD: 11"5000 X 6" 5000#
 BONNETT: 6" 5000# X 2-3/8"

13-3/8" 54.50# J-55 @ 414'

TOPS:

OJO ALAMO: 3075'
 KIRTLAND: 3194'
 FRUITLAND: 3481'
 PICTURED CLIFFS: 3673'
 LEWIS: 3802'
 CLIFF HOUSE: 5891'
 MENEFEE: 5972'
 POINT LOOKOUT: 6123'
 MANCOS: 6234'
 GALLUP: 6772'
 GREENHORN: 8169'
 GRANEROS: 8217'
 DAKOTA: 8338'
 MORRISON: 8655'

DV TOOL @ 5477'

XXXXXX Baker Cement Retainer @ 7298'

1 7382'

1 7480'

FRAC: 145,000# 20/40 SAND IN 60# GEL

1 spf

1 7604'

1 7804'

XXXXXX Bridge Plug Set @ 8120'

1 8338'- 8378'

FRAC: 234,000# 20/40 SAND IN 60# GEL

1 8390'- 8417'

1 8426'- 8458' w/ 2spf

PBD @ 8620'

4-1/2" 11.6# N-80 @ 8750'

CASING STRING	HOLE SIZE	CASING SIZE	CEMENT	CEMENT VOLUME	TOP OF CEMENT
SURFACE	17-1/2"	13-3/8"	350 sx	413 cu.ft.	Surface
PRODUCTION STG 1	7-7/8"	4-1/2"	1100 sx	1195 cu.ft.	5477' (DV TOOL)
PRODUCTION STG 2		DV @ 5477'	1720 sx	2019 cu.ft.	300' (survey)

* ALL CEMENT VOLUMES ARE REDUCED BY 25% TO CALCULATE CEMENT TOPS.