

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND
LEASE NO. SF-078763

6. IF INDIAN, ALLOTTEE OR

UNIT AGREEMENT NAME
ROSA UNIT (00017033)

FARM OR LEASE NAME, WELL NO.
ROSA UNIT #41A

9. API WELL NO.
30-039-25506

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE 72319

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NW1/4 SE1/4 SEC. 05, T31N R5W

12. COUNTY OR
PARISH
RIO ARriba

13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD
6268'

ROTARY TOOLS
X

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE
YES

27. WAS WELL CORRD
NO

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____
b. TYPE OF COMPLETION:
NEW WELL ☒ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐

2. NAME OF OPERATOR

WILLIAMS PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 3102 MS 37-4 TULSA, OK 74101 (918) 588-4592

0. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
2180' FSL & 1485' FEL
At Surface

At top production interval reported below

At total depth

95 JUL 17 PM 2-21
070 FARMINGTON, NM

RECEIVED
JUL 25 1995
OIL CON. DIV.
DIST. 3

15. DATE
SPUDDED
05/09/95

16. DATE T.D.
REACHED
05/15/95

17. DATE COMPLETED
(READY TO PRODUCE)
06/25/95

14. PERMIT
NO.

DATE ISSUED

18. ELEVATIONS (DK, RKB,
RT, GR, ETC.) *
6268' GR

20. TOTAL DEPTH, MD & TVD
5945'

21. PLUG, BACK T.D., MD & TVD
5921'

22. IF
MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED
BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *
BLANCO MESAVERDE 5289' TO 5899'

26. TYPE ELECTRIC AND OTHER LOGS RUN
CASED HOLE: GR/CCL/CBL OPEN HOLE: IND/GR/CDL/CNL

28. CASING REPORT (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD			AMOUNT PULLED
9-5/8" K-55	36#	287'	12-1/4"	150 SX	177 cu.ft.	SURFACE	
7" K-55	20#	3550'	8-3/4"	585 SX	1041 cu.ft.	SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2" K-55	3412'	5945'	245 SX (424 cu.ft.)		2-3/8", 4.7#	5479'	

31. PERFORMANCE RECORD (Interval, size, and number)

1ST STAGE
5289', 91', 5328', 42', 65', 67', 69', 71', 78', 80', 82', 84', 86', 88', 90', 92', 94', 96', 98', 5427', 33',
53', 85', 5507', 10', 13', 5516', 19'. TOTAL OF 28 (.37") HOLES

2ND STAGE
5534', 40', 43', 46', 49', 52', 55', 58', 61', 64', 70', 5604', 18', 21', 24', 30', 33', 65', 68', 80', 94', 5703', 09',
45', 73', 93', 99', 5815', 25', 30', 42', 51', 60', 92', 99'. TOTAL OF 35 (.37") HOLES

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5289'	5519'	61,500# 20/40 SAND	1,962 BBLS OF SLICK WATER
5534'	5899'	80,000# 20/40 SAND	2,390 BBLS OF SLICK WATER

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SHUT IN)	
		FLOWING				SHUT IN	
DATE OF TEST 7/05/95	HOURS TESTED 3 HR. IP	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD-----	OIL - BBL. 0	GAS - MCF 183	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS 106#	CASING PRESSURE 291#	CALCULATED 24-HOUR RATE----		OIL - BBL. 0	GAS - MCF 1466	WATER - BBL. N/A	OIL GRAVITY- API (CORR.)
		IP FLOWING PRESSURES					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TO BE SOLD

TEST WITNESSED BY
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS: LOGS, SUMMARY OF POROUS ZONES, DEVIATION REPORT & WELLBORE DIAGRAM.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED SUSAN GRIGUHN Title NMOCB DATE July 12, 1995

*(See Instructions and Spaces for Additional Data on Reverse Side)
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.

FARMINGTON DISTRICT OFFICE

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
<u>NACIMIENTO</u>	<u>SURFACE</u>						
0.00 ALAMO	2340'	2455'					
KIRTLAND	2455'	2780'					
FRUITLAND	2780'	3080'					
PICTURED CLIFFS	3080'	3400'					
LEWIS	3400'	5317'					
CLIFF HOUSE	5317'	5374'					
MENEFEE	5374'	5538'					
POINT LOOKOUT	5538'	5882'					
MANCOS	5882'	N/A					
TD	5945'						

RECEIVED
BLM

95 JUL 17 PM 2:21

070 FARMINGTON, NM

WELLBORE DIAGRAM ROSA UNIT #41A MV

LOCATION: 2180'FSL, 1485'FEL
NW/4 SE/4 SEC. 05, T31N, R5W
RIO ARRIBA, Co., NM
ELEVATION: 6268' GR
KB: 12'

TOPS:

NACIMIENTO	N/A
OJO ALAMO	2340'
KIRTLAND	2455'
FRUITLAND	2780'
PICTURED CLIFFS	3080'
LEWIS	3400'
CLIFF HOUSE	5317'
MENEFEE	5374'
POINT LOOKOUT	5538'
MANCOS	5882'

STIMULATION

MENEFEE/CLIFF HOUSE

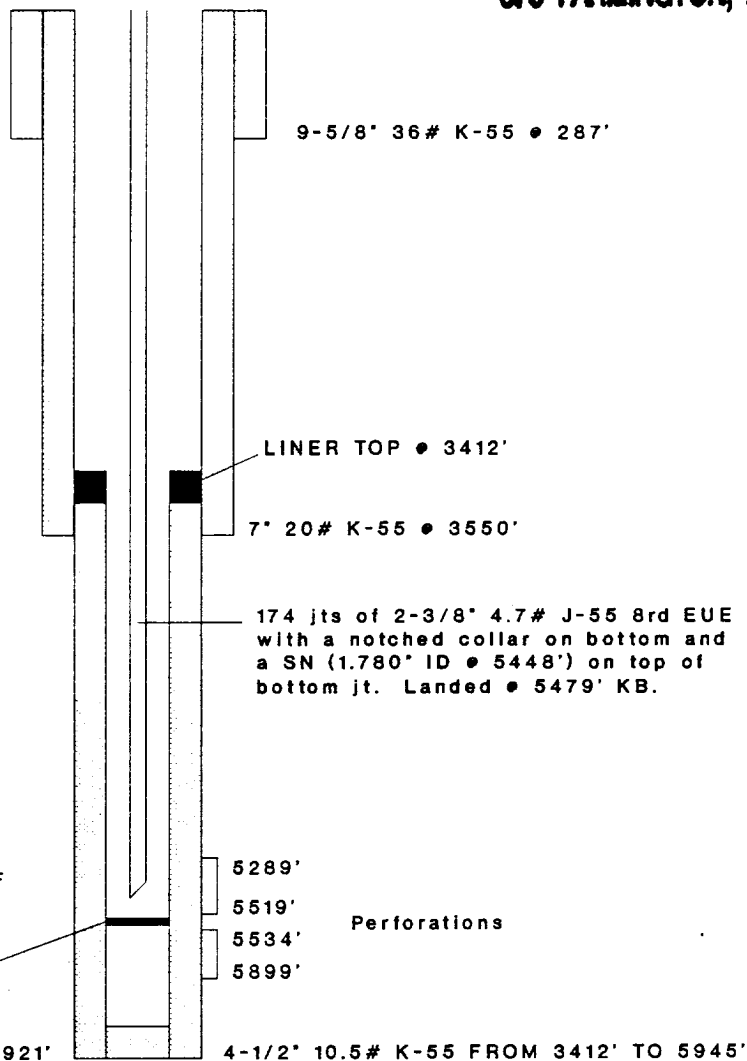
5289' - 5519'
61,500# OF 20/40 IN 1962 BBLS OF
SLICK WATER

POINT LOOKOUT

5534' - 5899'
80,000# OF 20/40 IN 2390 BBLS OF
SLICK WATER

Baker Cement Retainer
• 5524' KB

PBTD • 5921'



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	150 SX	177 CU.FT.	SURFACE
8-3/4"	7" 20#	585 SX	1041 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	245 SX	424 CU.FT.	LINER TOP

FOUR CORNERS DRILLING CO.

P. O. BOX 1067
5651 U.S. HWY. 64
FARMINGTON, NEW MEXICO 87499

TELEPHONE: (505) 326-3371
FAX: (505) 326-3370

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070 FARMINGTON, NM

May 18, 1995

Williams Production
Mark McAllister
295 Chipeta Way
Salt Lake, UT 84108

**RE: Deviation report on the Rosa Unit 41A,
Section 5, Township 31N, Range 5 E
Rio Arriba County, New Mexico**

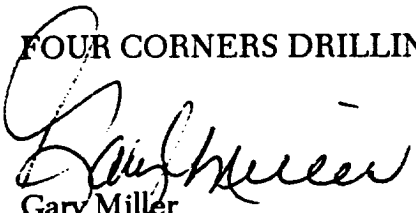
Gentlemen:

Below is the deviation report for your Rosa Unit 41A Well.

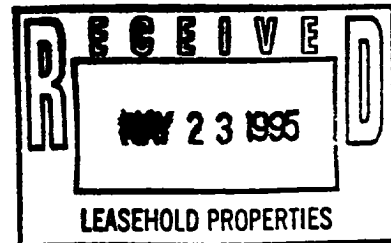
124'	$\frac{3}{4}^{\circ}$
245'	$\frac{3}{4}^{\circ}$
517'	1°
1014'	1°
1516'	$1\frac{1}{2}^{\circ}$
1986'	$\frac{1}{2}^{\circ}$
2422'	$\frac{3}{4}^{\circ}$
2934'	$\frac{3}{4}^{\circ}$
3242'	$1\frac{1}{4}^{\circ}$
3762'	$\frac{3}{4}^{\circ}$
4287'	$1\frac{3}{4}^{\circ}$
4539'	2°
4793'	$1\frac{3}{4}^{\circ}$
5082'	2°
5427'	$1\frac{1}{2}^{\circ}$
5921'	$1\frac{3}{4}^{\circ}$

Sincerely,

FOUR CORNERS DRILLING COMPANY


Gary Miller
Drilling Superintendent

GM/tdd

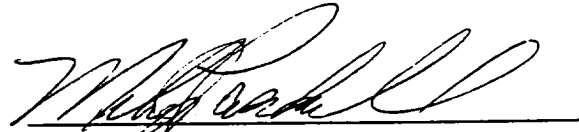


May 18, 1995
Rosa Unit 41A
PAGE 2

Acknowledgement

State of New Mexico)
) s.s.
County of San Juan)

The foregoing instrument was acknowledged before me this 18th day of May, 1995, by Gary Miller.



Notary Public

My Commission Expires : 8-27-98
(seal)