

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

(See other
instructions on
reverse side)

RECEIVED
BLM MAIL ROOM

5. LEASE DESIGNATION AND
LEASE NO. SF-078764

6. IF INDIAN, ALLOTTEE OR

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. ☐ OTHER ☐

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

4. LOCATION OF WELL (Report location clearly and in accordance with any state requirements)

1790' FSL & 820' FEL
At Surface

At top production interval reported below

At total depth

7. UNIT AGREEMENT NAME
ROSA UNIT (00017033)

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #15A

9. API WELL NO.
30-039-2552

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE 72319

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NE/4 SE/4 SEC. 29, T31N R5W

12. COUNTY OR
PARISH
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
8/29/95

16. DATE T.D.
REACHED
07/13/95

17. DATE COMPLETED
(READY TO PRODUCE)
08/04/95

14. PERMIT NO.
DATE ISSUED

18. ELEVATIONS (DK, RKB,
RT, GR, ETC.) *
8431' GR

19. ELEVATION CASINGHEAD
8431'

20. TOTAL DEPTH, MD & TVD
8180'

21. PLUG, BACK T.D., MD & TVD
8171'

22. IF
MULTICOMP.,
HOW MANY 2

23. INTERVALS
DRILLED
BY

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *
BLANCO MESAVERDE 5500' TO 5998'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

CASED HOLE: GR/CCL/CBL OPEN HOLE: IND/GR/CDL/CNL/TEMP

27. WAS WELL CORED
NO

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
10-3/4" H-40	32.75#	333'	13-3/4"	225 SX	266 cu.ft.	SURFACE	
7-5/8" K-55	26.4#	3701'	9-7/8"	861 SX	1548 cu.ft.	SURFACE	
5-1/2" N-80	17#	8155'	6-3/4"	830 SX	830 cu.ft.	SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
3-1/2" J-55	6069'	8180'	445 SX (741 cu.ft.)		1-1/4", 2.33#	5971'	8040'

30. TUBING RECORD

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

CLIFF HOUSE/MENEFF

5500', 09', 12', 41', 60', 63', 66', 69', 75', 83', 87', 5618', 47', 52', 56', 62', 67', 83', 95', 5710'.
TOTAL OF 20 (.36") HOLES

POINT LOOKOUT

5758', 63', 68', 73', 83', 96', 5803', 07', 23', 30', 43', 53', 74', 84', 90', 5911', 25', 42', 70', 98'.
TOTAL OF 20 (.36") HOLES

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

DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5500'	5710'	100,00# 20/40 SAND	400 BBLs 20# GUAR GEL IN 60 QUAL FOAM
5758'	5998'	100,000# 20/40 SAND	405 BBLs 20# GAR GEL IN 60 QUAL FOAM

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 8/24/95	HOURS TESTED 3 HR. IP	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD	OIL - BBL. 0	GAS - MCF 186	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS 107#	CASING PRESSURE 748#	CALCULATED 24-HOUR RATE		OIL - BBL. 0	GAS - MCF 1491	WATER - BBL. N/A	OIL GRAVITY- API (CORR)

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

TO BE SOLD

TEST WITNESSED BY
CHIK CHARLEY

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 CLERK

DATE August 30, 1995

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

SEP 07 1995

RECEIVED FOR RECORD
BY [Signature]

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stems, 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
<u>NACIMIENTO</u>	<u>SURFACE</u>			
OJO ALAMO	2594'	2723'		
KIRTLAND	2723'	3083'		
FRUITLAND	3083'	3331'		
PICTURED CLIFFS	3331'	3587'		
LEWIS	3587'	8468'		
CLIFF HOUSE	8468'	8537'		
MENEFEE	8537'	8757'		
POINT LOOKOUT	8757'	8975'		
MANCOS	8975'	7791'		
GREENHORN	7791'	7852'		
GRANEROS	7852'	7969'		
DAKOTA	7969'	N/A		
TD	8180'			

ROSA UNIT #15A MV/DK

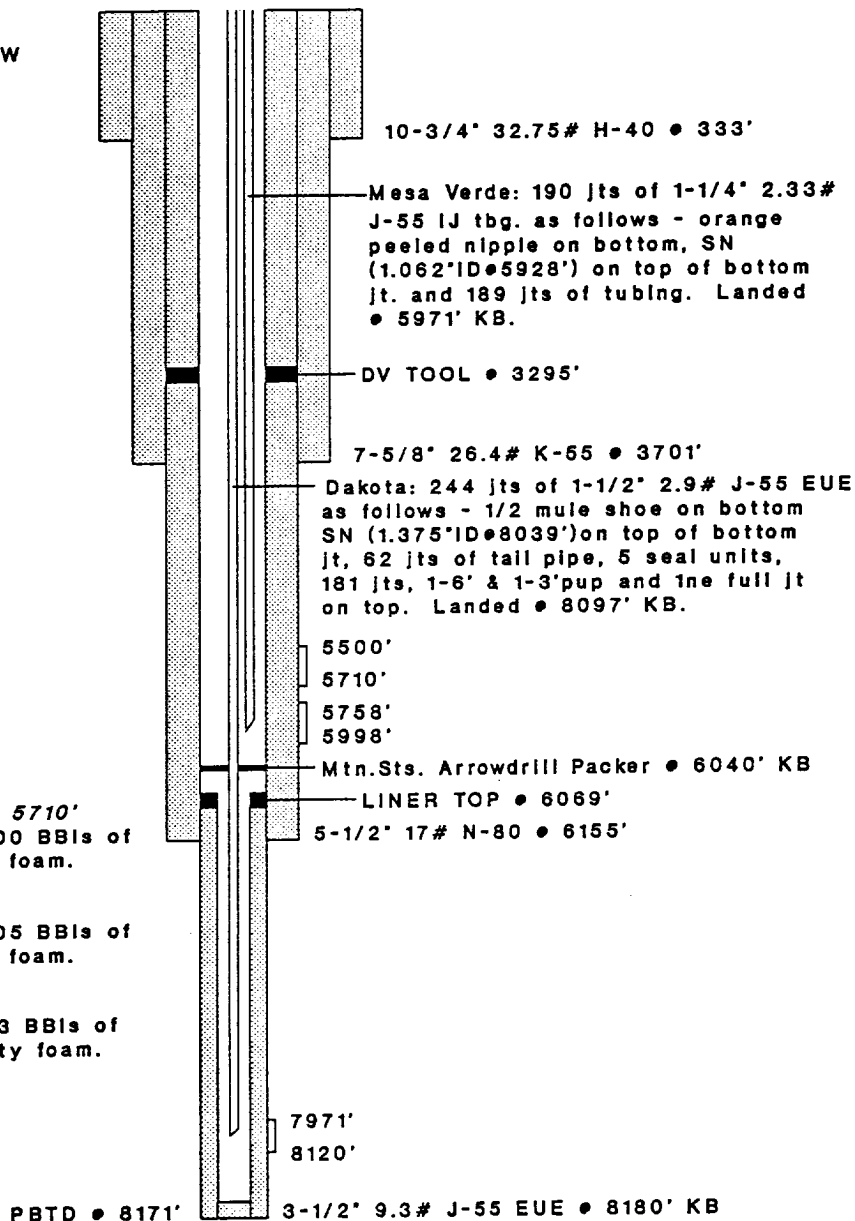
TOPS:

STIMULATION

Cliff House/Menefee: 5500' - 5710'
100,000# of 20/40 sand in 400 BBIs of
20# Guar Gel in a 60 quality foam.

Point Lookout: 5758' - 5998'
100,000# of 20/40 sand in 405 BBIs of
20# Guar Gel in a 60 quality foam.

Dakota: 7971' - 8120'
84,738# of 20/40 sand in 403 BBIs of
30# X-Link Gel in a 60 quality foam.



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
13-3/4"	10-3/4" 32.75 #	225 SX	266 CU.FT.	SURFACE
9-7/8"	7-5/8" 26.4 #	861 SX	1548 CU.FT.	SURFACE
6-3/4"	5-1/2" 17 #	630 SX	830 CU.FT.	SURFACE
6-3/4"	3-1/2" 9.3 #	445 SX	741 CU.FT.	LINER TOP

FOUR CORNERS DRILLING CO.

P. O. BOX 1067

5651 U.S. HWY. 64

RECEIVED
BULM MAIL ROOM FARMINGTON, NEW MEXICO 87499

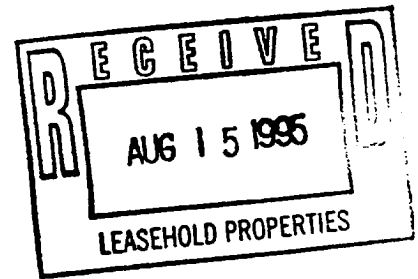
95 SEP -5 PM 2:40

TELEPHONE: (505) 326-3371

FAX: (505) 326-3370

070 FARMINGTON, NM

August 7, 1995



Williams Production
Mark McAllister
295 Chipeta Way
Salt Lake City, Utah

**RE: Deviation report on the Rosa Unit #15 A,
Section 29, Township 31N, Range 5 W
Rio Arriba County, New Mexico**

Gentlemen:

Below is the deviation report for your Rosa Unit #15 A Well.

133'	1/4°	5106'	3 1/2°
337'	3/4°	5294'	3 3/4°
552'	3/4°	5379'	3 1/2°
1041'	3/4°	5609'	4°
1543'	1°	5765'	3 1/2°
1881'	1°	6007'	3 1/2°
2407'	3/4°	6257'	4°
2468'	1 1/4°	6508'	3 3/4°
3660'	1°	6756'	3 3/4°
3961'	1°	7015'	3 1/4°
4221'	2°	7267'	3 1/4°
4472'	3 1/2°	7506'	3°
4566'	3 3/4°	7725'	2 3/4°
4699'	3 1/2°	7850'	3°
4763'	3 1/2°	8134'	1 3/4°
4900'	3 3/4°		

Sincerely,

FOUR CORNERS DRILLING COMPANY

A handwritten signature in cursive script, appearing to read "Gary Miller".

Gary Miller
Drilling Superintendent

GM/tdd

August 7, 1995
Rosa Unit #15 A
PAGE 2

Acknowledgement

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

The foregoing instrument was acknowledged before me this 7th day of August, 1995, by Gary Miller.



Notary Public

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