

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)

5. LEASE DESIGNATION AND
LEASE NO. SF-078769

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT (00017033)

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #153

9. API WELL NO.
30-039-25524

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE 72319

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW/4 SE/4 SEC. 17, T31N R5W

12. COUNTY OR
PARISH RIO ARriba
13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD
6302'

ROTARY TOOLS
X
CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE
YES

27. WAS WELL CORED
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. ☐ 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

0. LOCATION OF WELL (Report location clearly and in accordance with any rules requiring it)
985' FSL & 1585' FEL
At Surface

At top production interval reported below

At total depth

RECEIVED
SEP - 8 1995

OIL CON. DIV.
DIST. 3

14. PERMIT
NO.

DATE ISSUED

18. ELEVATIONS (DK, RKB,
RT, GR, ETC.)*
6302' GR

22. IF
MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED
BY

15. DATE
SPUDDED
07/13/95

16. DATE T.D.
REACHED
07/23/95

17. DATE COMPLETED
(READY TO PRODUCE)
08/11/95

20. TOTAL DEPTH, MD & TVD
6042'

21. PLUG, BACK T.D., MD & TVD
6016'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MESAVERDE 5385' TO 5941'

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

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
8-5/8" K-55	36#	285'	12-1/4"	150 SX	177 cu.ft.	SURFACE	
7" K-55	20#	3607'	8-3/4"	581 SX	1048 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	3507'	6042'	240 SX (415 cu.ft.)		2-3/8", J-55	5945'	

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

1ST STAGE
5541', 5651', 54', 60', 75', 78', 81', 84', 87', 94', 97', 5700', 63', 66', 69', 12', 15', 18', 32', 35', 38',
54', 70', 5824', 30', 55', 58', 61', 82', 5935', 41'. TOTAL OF 32 HOLES
2ND STAGE
5385', 51', 95', 5420', 48', 50', 52', 65', 68', 87', 90', 93', 96', 5506', 13', 29', 37', 69', 71', 96', 98',
5603', 07', 09'. TOTAL OF 24 HOLES

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

DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5541'	5941'	82,900# 20/40 SAND	190# BBLs OF SLICK WATER
5385'	5608'	66,400# 20/40 SAND	1,548 BBLs OF SLICK WATER

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) FLOWING				WELL STATUS (PRODUCING OR SHUT IN) SHUT IN	
DATE OF TEST 8/25/95	HOURS TESTED 3 HR. IP	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD-----	OIL - BBL. 0	GAS - MCF 502	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS 304#	CASING PRESSURE 784#	CALCULATED 24-HOUR RATE----		OIL - BBL. 0	GAS - MCF 4014	WATER - BBL. N/A	OIL GRAVITY- API (CORR.)

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

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 29, 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.

ACCEPTED FOR RECORD

SEP 05 1995

FARMINGTON DISTRICT OFFICE

BY

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
NACIMIENTO	SURFACE							
040 ALAMO	2439'	2539'						
KIRTLAND	2539'	2969'						
FRUITLAND	2969'	3184'						
PICTURED CLIFFS	3184'	3470'						
LEWIS	3470'	5369'						
CLIFF HOUSE	5369'	5416'						
MIENEFEE	5416'	5645'						
POINT LOOKOUT	5645'	5945'						
MANCOS	5945'	N/A						
TD	6042'							

RECEIVED
BLM FIELD OFFICE

96 SEP -1 PM 2:34

WELLBORE DIAGRAM

ROSA UNIT #153 MV, FARMINGTON, NM

LOCATION: 985'FSL, 1585'FEL
SW/4 SE/4 SEC. 17, T31N, R5W
RIO ARRIBA, Co., NM
ELEVATION: 6302' GR
KB: 12'

TOPS:

NACIMIENTO	N/A
OJO ALAMO	2439'
KIRTLAND	2589'
FRUITLAND	2969'
PICTURED CLIFFS	3184'
LEWIS	3470'
CLIFF HOUSE	5389'
MENEFEE	5416'
POINT LOOKOUT	5645'
MANCOS	5946'

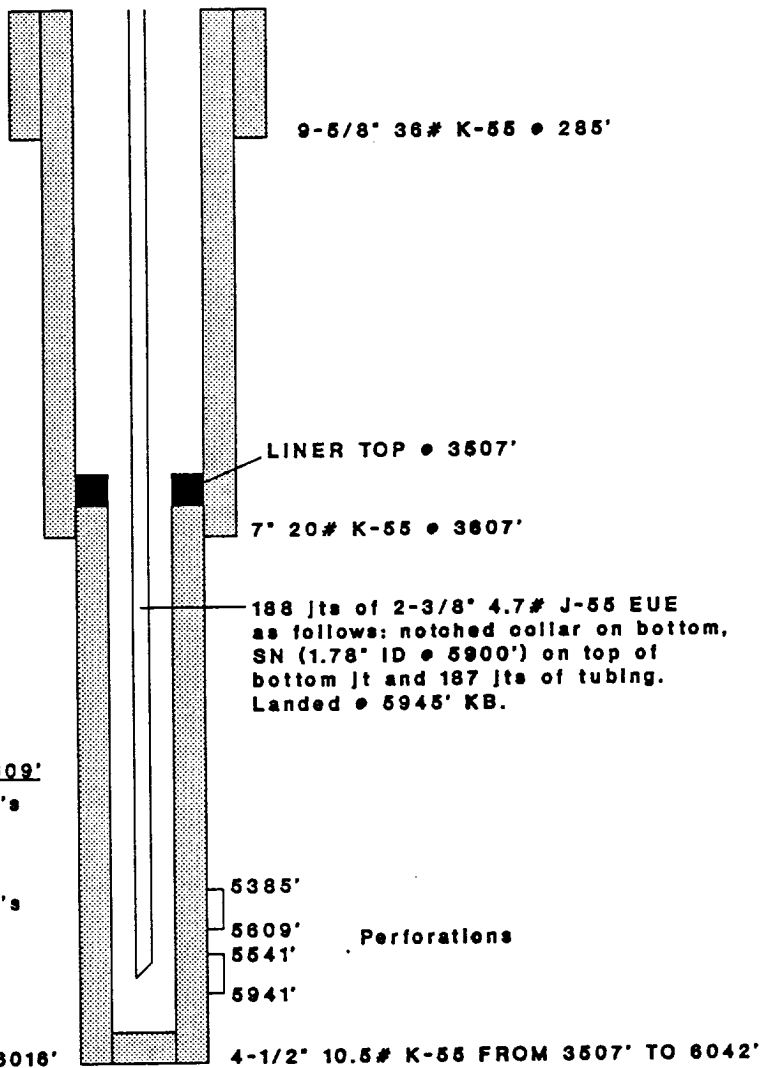
STIMULATION

CLIFF HOUSE/MENEFEE: 5385' - 5609'

66,400# of 20/40 sand in 1568 BBL's of slick water

POINT LOOKOUT: 5541' - 5941'

82,900# of 20/40 sand in 1906 BBL's of slick water



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#	581 SX	1048 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	240 SX	415 CU.FT.	LINER TOP