

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

5. LEASE DESIGNATION AND
LEASE NO. SF-078767

WELL COMPLETION OR RECOMPLETION REPORT AND LOG* 17 PM 2-23

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐
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 State requirements)
1510' FNL & 830' FEL
At Surface

At top production interval reported below

At total depth

RECEIVED
JUL 2 5 1995

OIL CON. DIV.
DIST. 3

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME
ROSA UNIT (00017033)

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #149

9. API WELL NO.
30-039-25501

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE 72319

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW/4 NE/4 SEC. 12, T31N R6W

14. PERMIT
NO.

DATE ISSUED

12. COUNTY OR
PARISH
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
05/24/95

16. DATE T.D.
REACHED
06/01/95

17. DATE COMPLETED
(READY TO PRODUCE)
06/28/95

18. ELEVATIONS (DK, RKB,
RT, GR, ETC.)*
6286' GR

19. ELEVATION CASINGHEAD
6286'

20. TOTAL DEPTH, MD & TVD
5980'

21. PLUG, BACK T.D., MD & TVD
5956'

22. IF
MULTICOMP.,
HOW MANY

23. INTERVALS
DRILLED
BY

ROTARY TOOLS
X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MESAVERDE 5362' TO 5894'

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
9-5/8" K-55	36#	518'	12-1/4"	265 SX	315 cu.ft.	SURFACE	
7" K-55	20#	3568'	8-3/4"	581 SX	1026 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	3460'	5980'	240 SX (415 cu.ft.)		2-3/8", 4.7#	5837'	

30. TUBING RECORD

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

1ST STAGE

5607', 15', 21', 24', 27', 30', 33', 37', 40', 43', 58', 61', 64', 67', 70', 73', 88', 97', 5700', 18', 21', 24', 29', 42', 44', 47', 63', 94', 5818', 37', 45', 73', 76', 89', 94'. TOTAL OF 36 HOLES

2ND STAGE

5362', 64', 66', 5414', 32', 37', 39', 41', 44', 46', 48', 50', 60', 75', 77', 79', 81', 83', 89', 91', 93', 95', 97', 5531', 35', 38', 41', 45', 48', 51', 59', 62', 65'. TOTAL OF 33 HOLES

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

DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5607'	5894'	81,300# 20/40 SAND	1,876 BBLS OF SLICK WATER
5362'	5565'	77,200# 20/40 SAND	1,828 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 7/07/95	HOURS TESTED 3 HR. IP	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD-----	OIL - BBL. 0	GAS - MCF 571	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS 344#	CASING PRESSURE 852#	CALCULATED 24-HOUR RATE----- IP FLOWING PRESSURES		OIL - BBL. 0	GAS - MCF 4569	WATER - BBL. N/A	OIL GRAVITY- API (CORR.)

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

TO BE SOLD

TEST WITNESSED BY

CHUCK CHARLEY
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 CLERK 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

* U.S. GOVERNMENT PRINTING OFFICE: 1992-774-672

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95 JUL 17 PM 2:22

WELLBORE DIAGRAM ROSA UNIT #149 MV

070 FARMINGTON, NM

LOCATION: 1510'FNL, 830'FEL
SW/4 NE/4 SEC. 12, T31N, R6W
RIO ARRIBA, Co., NM
ELEVATION: 6286' GR
KB: 12'

TOPS:

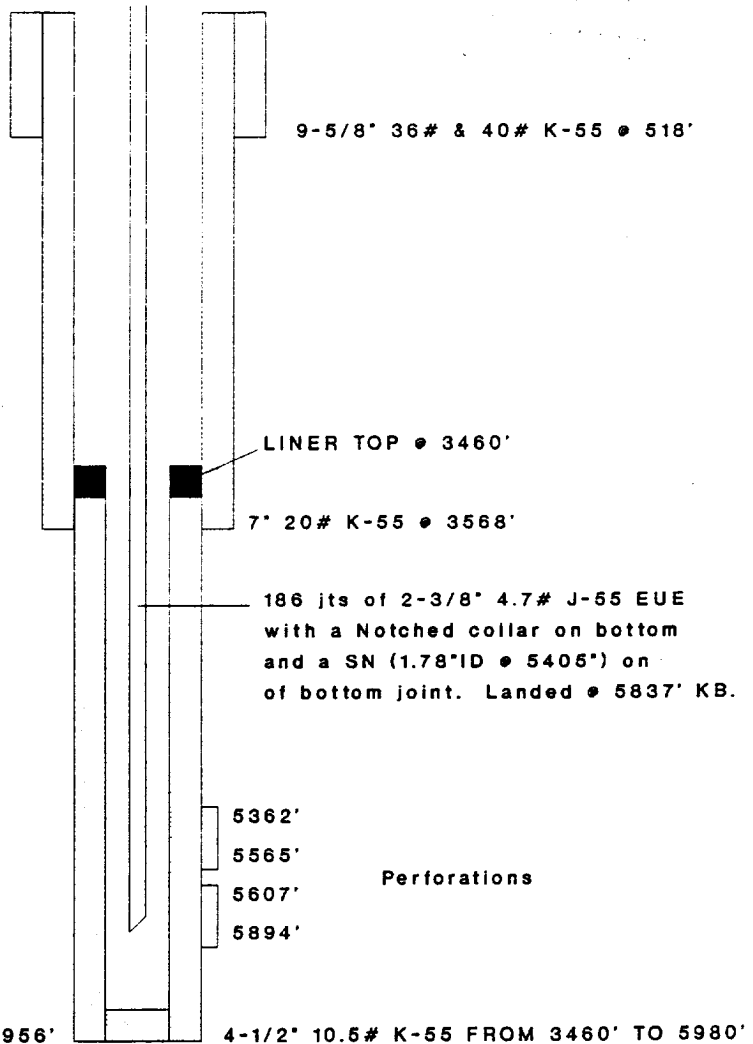
NACIMIENTO	N/A
OJO ALAMO	2358'
KIRTLAND	2473'
FRUITLAND	2831'
PICTURED CLIFFS	3145'
LEWIS	3382'
CLIFF HOUSE	5346'
MENEFEE	5397'
POINT LOOKOUT	5613'
MANCOS	5900'

STUMULATION:

Cliff House/Menefee
5362' - 5565'
77,200# of 20/40 sand in 1828 Bbls
of slick water.

Point Lookout
5607' - 5894'
81,300# of 20/40 sand in 1876 Bbls
of slick water

PBTD • 5956'



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
12-1/4"	9-5/8" 36#	265 SX	315 CU.FT.	SURFACE
8-3/4"	7" 20#	581 SX	1026 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	240 SX	415 CU.FT.	LINER TOP