

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other
instructions on
reverse side)

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

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5. LEASE DESIGNATION AND
LEASE NO. SF-078773

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

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

1110' FNL & 1675' FWL
At Surface

At top production interval reported below

At total depth

6. IF INDIAN, ALLOTTEE OR
7. UNIT AGREEMENT NAME
ROSA UNIT (00017033)

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #147

9. API WELL NO.
30-039-25514

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE 72319

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NE/4 NW/4 SEC. 33, T31N R5W

14. PERMIT
NO.

DATE ISSUED

12. COUNTY OR
PARISH
RIO ARriba

13. STATE
NEW MEXICO

15. DATE
SPUDDED
06/02/95

16. DATE T.D.
REACHED
06/09/95

17. DATE COMPLETED
(READY TO PRODUCE)
07/04/95

18. ELEVATIONS (DK, RKB,
RT, GR, ETC.)*
6481' GR

19. ELEVATION CASINGHEAD
6481'

20. TOTAL DEPTH, MD & TVD
6181'

21. PLUG, BACK T.D., MD & TVD
6155'

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 5541' TO 6094'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

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

27. WAS WELL CORED
NO

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#	289'	12-1/4"	150 SX	177 cu.ft.	SURFACE	
7" K-55	20#	3753'	8-3/4"	606 SX	1099 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	3674'	6181'	240 SX (415 cu.ft.)		2-3/8", 4.7#	6060'	

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

1ST STAGE
5790', 94', 97', 5800', 04', 07', 11', 14', 26', 38', 41', 44', 47', 50', 53', 61', 70', 90', 93', 96', 5910',
27', 33', 43', 63', 76', 83', 86', 89', 92', 6005', 15', 52', 67', 86', 94'. TOTAL OF 36 (.36") HOLES

2ND STAGE
5541', 43', 78', 96', 5600', 03', 06', 09', 26', 29', 38', 49', 56', 68', 75', 78', 81', 95', 98', 5702', 05',
08', 14', 18', 28', 29', 33', 36', 39', 68'. TOTAL OF 30 (.36") HOLES

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

DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5790'	6094'	105,300# 20/40 SAND	2,226 BBLS OF SLICK WATER
5541'	5768'	60,000# 20/40 SAND	1,674 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 7/12/95	HOURS TESTED 3 HR. IP	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD-----	OIL - BBL. 0	GAS - MCF 555	WATER - BBL. 0	GAS-OIL RATIO N/A
FLOW TUBING PRESS 337#	CASING PRESSURE 847#	CALCULATED 24-HOUR RATE----		OIL - BBL. 0	GAS - MCF 4442	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.

ACCEPTED FOR RECORD

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 13, 1995

JUL 20 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.

NMOCD

FARMINGTON DISTRICT OFFICE

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	TOP		TRUE VERTICAL DEPTH
					NAME	MEASURED DEPTH	
<u>NACIMIENTO</u>							
010 ALAMO	2663'	2798'					
KIRTLAND	2798'	3158'					
FRUITLAND	3158'	3368'					
PICTURED CLIFFS	3368'	3645'					
LEWIS	3645'	5518'					
CLIFF HOUSE	5518'	5568'					
MENEFEE	5568'	5780'					
POINT LOOKOUT	5780'	6028'					
MANCOS	6028'	N/A					
TD	6181'						

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070 FARMINGTON, NM

WELLBORE DIAGRAM ROSA UNIT #147 MV

LOCATION: 1110' FNL, 1675' FWL
NE/4 NW/4 SEC. 33, T31N, R5W
RIO ARRIBA, Co., NM
ELEVATION: 6481' GR
KB: 12'

TOPS:

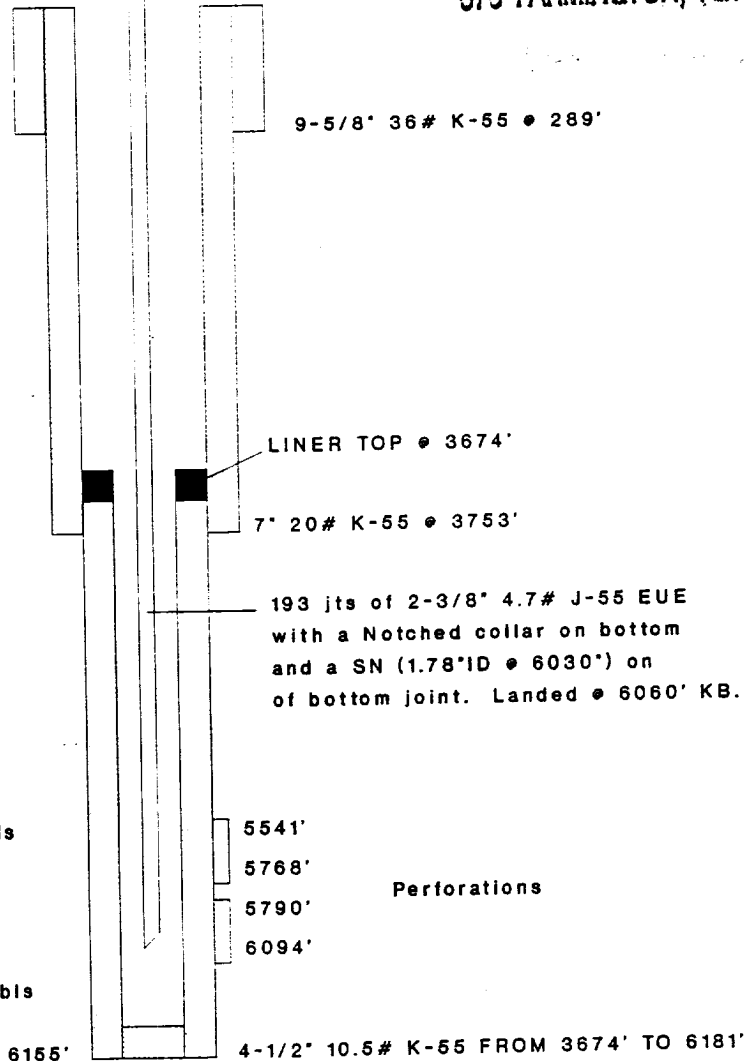
NACIMIENTO	N/A
OJO ALAMO	2663'
KIRTLAND	2798'
FRUITLAND	3158'
PICTURED CLIFFS	3368'
LEWIS	3645'
CLIFF HOUSE	5518'
MENEFEE	5568'
POINT LOOKOUT	5780'
MANCOS	6028'

STIMULATION:

Cliff House/Menefee
5541' - 5768'
60,000# of 20/40 sand in 1674 Bbls
of slick water.

Point Lookout
5790' - 6094'
105,300# of 20/40 sand in 2226 Bbls
of slick water

PBTD @ 6155'



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#	606 SX	1099 CU.FT.	SURFACE
6-1/4"	4-1/2" 10.5#	240 SX	415 CU.FT.	LINER TOP