

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

5. LEASE DESIGNATION AND LEASE NO.

SF-078767

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR

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

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #30

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 37-3 TULSA, OK 74101 (918) 561-6678

9. WELL NO.
30-039-25570

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface 800' FSL & 920' FEL
At top production interval reported below : SAME At total depth: SAME

10. FIELD AND POOL, OR WILDCAT
BLANCO MV - 72319

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
SW SE SEC 12-31N-6W

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
RIO ARRIBA

13. STATE
NEW MEXICO

15. DATE
SPUDED
07/06/96

16. DATE T.D.
REACHED
07/14/96

17. DATE COMPLETED
(READY TO PRODUCE)
08/17/96

18. ELEVATIONS (DK, RKB,
RT, GR, ETC.)
6490' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8275'

21. PLUG, BACK T.D., MD & TVD
8251'

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 MV 5573' - 6154'

25. WAS DIRECTIONAL SURVEY MADE
YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
IND/GR & CDL/SNL

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
10-3/4" - J-55	40.5#	318'	14-3/4"	220 SX	260 cu.ft.	SURF	
7-5/8" - K-55	26.4#	3741'	9-7/8"	840 SX	1544 cu.ft.	SURF	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5-1/2"		8275'	440 SX	6124	1 1/4" 2.33	6100	6250'

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

1st Stage: 5573', 5607', 13', 33', 38', 40', 42', 44', 46', 48', 50', 52', 57', 59', 61', 63', 65', 67', 71', 78', 80', 82', 84', 86', 97', 5705', 43', 56', 58', 60', 62', 64', 66', 68', 70', 72', 74', 76', 78', 80', 96'. Total = 41 Holes
2nd Stage: 5813', 15', 22', 24', 26', 28', 30', 32', 34', 36', 42', 44', 46', 48', 50', 52', 54', 56', 60', 62', 64', 66', 68', 70', 62', 74', 76', 87', 89', 92', 94', 96', 98', 5900', 02', 14', 16', 18', 20', 22', 24', 29', 31', 33', 45', 47', 65', 66', 85', 88', 6019', 25', 39', 41', 45', 68', 73', 75', 77', 97', 6105', 15', 54'. Total = 63 Holes

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

DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED
5573' - 5796'	80,000# of 20/40 sand in 1766 bbls of slick water
5813' - 6154'	80,000# of 20/40 sand in 1951 bbls of slick water

PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SHUT IN)	
DATE OF TEST	TESTED HRS	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL. N/A	GAS-OIL RATIO N/A
09/05/96	3	3/4"		-0-	265		
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (CORR.)
157	1032			-0-	2123		

ACCEPTED FOR RECORD

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

TESTED BY
CHIK CHARLIE
OCT 22 1996

35. LIST OF ATTACHMENTS: LOG, SUMMARY OF PROOUS ZONES WELLBORE DIAGRAM

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

SIGNED Larreen Kimbrel TITLE SR. OFFICE ASSISTANT

DATE September 16, 1996

FARMINGTON DISTRICT OFFICE

BY [Signature]
OCT 17, 1996

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
OJO ALAMO	2567'	2702'					
KIRKTLAND	2702'	3107'					
FRUITLAND	3107'	3337'					
PICTURED CLIFFS	3337'	3637'					
LEWIS	3637'	5542'					
CLIFFHOUSE	5542'	5592'					
MENESEE	5592'	5807'					
POINT LOOKOUT	5807'	5962'					
MANCOS	5962'	6587'					
GALLUP	6587'	7857'					
GREENHORN	7857'	7917'					
GRANEROS	7917'	8027'					
DAKOTA	8027'	N/A					

WELLBORE DIAGRAM

RECEIVED
BLM

96 OCT 18 PM 2:15

070 FARMINGTON, NM

Location: 890' FSL, 920' FEL
SW/4 SE/4 Section 12, T31N, R6W
Rio Arriba Co., NM

Elevation = 6490' GR
KB = 14'

ROSA UNIT #30
MV/DK

TOPS	DEPTH
OJO ALAMO	2567'
KIRTLAND	2702'
FRUITLAND	3107'
PICTURED CLIFFS	3337'
LEWIS	3637'
CLIFF HOUSE	5542'
MENEFEE	5592'
POINT LOOKOUT	5807'
MANCOS	5962'
GALLUP	6587'
GREENHORN	7857'
GRANEROS	7917'
DAKOTA	8027'

STIMULATION

Cliff House/Menefee: 5573' - 5796'

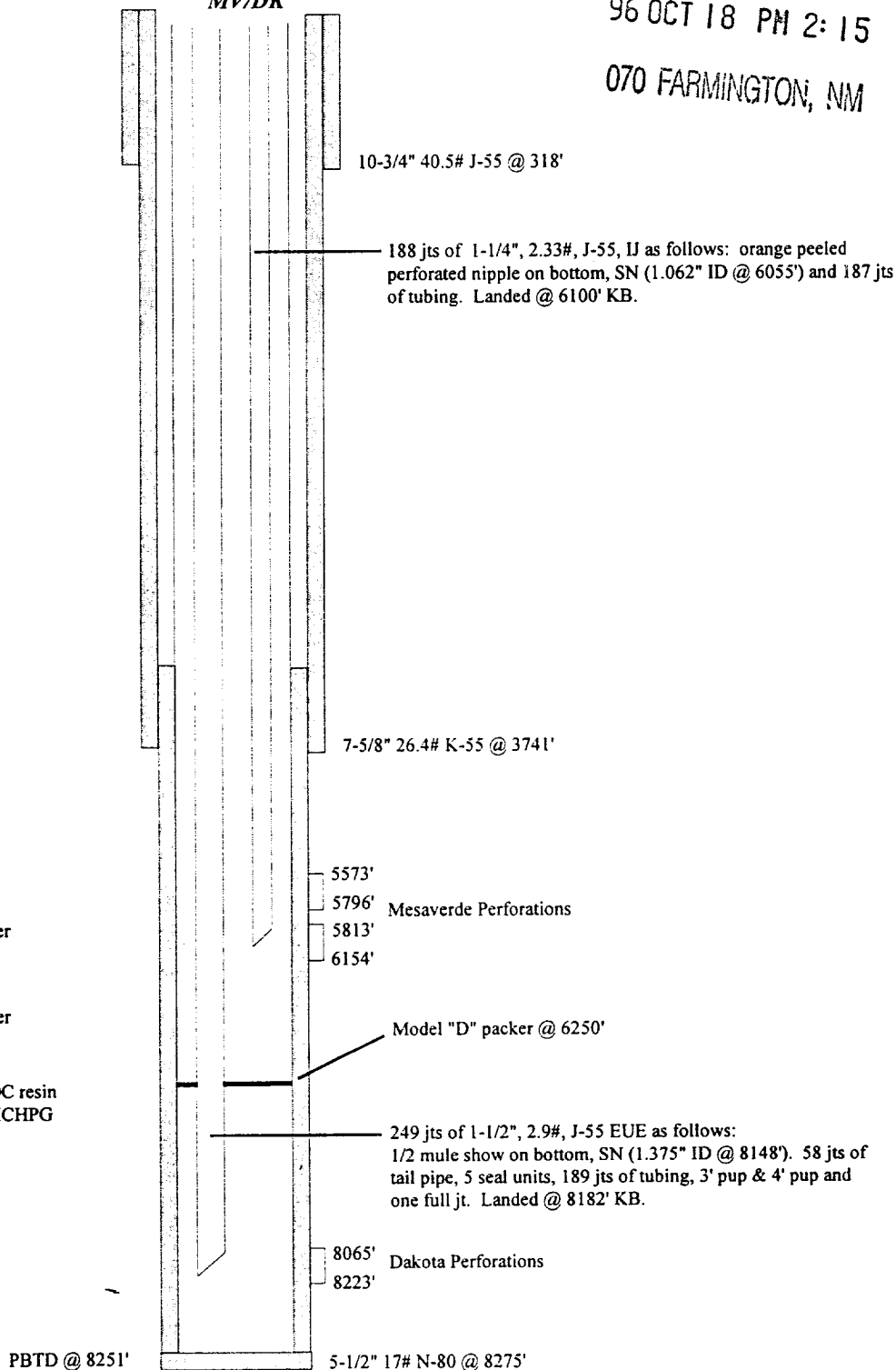
80,000# of 20/40 sand in 1766 BBL's of slick water

Point Lookout: 5813' - 6154'

80,000# of 20/40 sand in 1951 BBL's of slick water

Dakota: 8065' - 8223'

147,000# of 20/40 Ottawa and 10,000# of super DC resin coated sand in 1196 of 60 qual foam with 30# CMCHPG X-linked with Zirconium



HOLE SIZE	CASING	CEMENT	VOLUME	TOP OF CMT
14-3/4"	10-3/4" 40.5#	220 sx	260 cu.ft.	SURFACE
9-7/8"	7-5/8" 26.4#	840 sx	1544 cu.ft.	SURFACE
6-3/4"	5-1/2" 17#	440 sx	612 cu.ft.	3200' (CBL)