

RECEIVED

SUBMIT IN DUPLICATE

(See other instructions on
reverse side)

SEP 01 2011

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

5 LEASE DESIGNATION AND LEASE NO
NMSF-078771

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT

Farmington Field Office
Bureau of Land Management

1a TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER						7 UNIT AGREEMENT NAME Rosa Unit	
b. TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER						NMMN-784070	
2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY						8 FARM OR LEASE NAME, WELL NO Rosa Unit #014D	
3 ADDRESS AND TELEPHONE NO P O Box 640, Aztec, NM 87410 (505) 634-4208						9 API WELL NO 30-039-31054-0001	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* SURF 1020' FNL & 1515' FEL BHL 418' FNL & 347' FEL SEC 23 T31N R6W						10. FIELD AND POOL, OR WILDCAT Basin Dakota	
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR Rio Arriba	13 STATE New Mexico
15 DATE SPUD 6/29/11	16 DATE T D REACHED 7/7/11	17 DATE COMPLETED (READY TO PRODUCE) 8/31/11		18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6287' GR		19 ELEVATION CASINGHEAD	
20 TOTAL DEPTH. 8206' MD 7967' TVD		21 PLUG, BACK T D, MD & TVD 8189' MD 7950' TVD		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)* Basin Dakota 8076'-8144'						25 WAS DIRECTIONAL SURVEY MADE Yes	
26 TYPE ELECTRIC AND OTHER LOGS Array Induction, Spectral Density/Dual Spaced Neutral, GR, CBL						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	
9-5/8", K-55		36#		344'		12 1/4"	
7", K-55		23#		3828'		8 3/4"	
4 1/2", N-80		11 6#		8204'		6-1/4"	
29 LINER RECORD				30 TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375", 4.7#, N-80, EUE 8rd	8134'	none
Dakota - 18, 0.34" holes				32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				8076'-8144'			
				Frac with 5000# 100 mesh sand followed with 70,300# 30/70 mesh arizona sand			
				ROVD SEP 8 11			
				OIL CONS. DIV. DIST. 2			
33 PRODUCTION MV/DK COMMINGLES PER DHC-3639-AZ							
DATE OF FIRST PRODUCTION 8/22/11		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) producing	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) TO BE SOLD						TEST WITNESSED BY	
35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM EOW report							

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

SIGNED

Larry Hesgen

TITLE PERMIT SUPV

DATE 9/1/11

ACCEPTED FOR RECORD

SEP 01 2011

NMOCD A

FARMINGTON FIELD OFFICE
BY *SCW*

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
						PICTURED CLIFFS	3363'	3135'
						CLIFFHOUSE	5566'	5328'
						MENEFEE	5615'	5377'
						POINT LOOKOUT	5834'	5596'
						MANCOS	6350'	6111'
						GRANEROS	7939'	7700'
						DAKOTA	8071'	7832'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT INDUSTRY
(See other instructions on
reverse side)

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5 LEASE DESIGNATION AND LEASE NO
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6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT

Farmington Field Office
Bureau of Land Management

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

7 UNIT AGREEMENT NAME

Rosa Unit

NMM-78407A

8 FARM OR LEASE NAME, WELL NO
Rosa Unit #014D

3 ADDRESS AND TELEPHONE NO

P O Box 640, Aztec, NM 87410 (505) 634-4208

9 API WELL NO

30-039-31054-0002

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

SURF 1020' FNL & 1515' FEL
BHL 418' FNL & 347' FEL SEC 23 T31N R6W

10 FIELD AND POOL, OR WILDCAT

Blanco MV

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

13 STATE

Rio Arriba

New Mexico

15 DATE SPUD

6/29/11

16 DATE T D

REACHED

7/7/11

17 DATE COMPLETED (READY TO PRODUCE)

8/31/11

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

6287' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH.

8206' MD

7967' TVD

21 PLUG BACK T D., MD & TVD

8189' MD

7950' TVD

22 IF MULTICOMP.,

HOW MANY

2

23 INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

x

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

Blanco MV 5588'-6060'

25 WAS DIRECTIONAL SURVEY MADE

Yes

26 TYPE ELECTRIC AND OTHER LOGS

Array Induction, Spectral Density/Dual Spaced Neutral, GR, CBL

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#	344'	12 1/4"	165 SX - SURFACE	
7", K-55	23#	3828'	8 3/4"	430 SX SURFACE	
4 1/2", N-80	11 6#	8204'	6-1/4"	445 SX - 228' 3620	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4 7/8", N-80, EUE 8rd	8134'	none

30 TUBING RECORD

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL
(MD)

AMOUNT AND KIND OF MATERIAL USED

MV 2nd Stage - 30, 0.34" holes

5588'-5790'

Frac with 17,100# 30/70 Ottawa Sand followed with 85,000# 20/40 PSA sand

MV 1st Stage - 33, 0.34" holes

5848'-6060'

Frac with 9900# 30/70 Ottawa sand followed with 84,100# 20/40 PSA sand

33 PRODUCTION MV/DK COMMINGLES PER DHC-3639-AZ

DATE OF FIRST PRODUCTION 8/19/11		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) producing	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)

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

TEST WITNESSED BY

35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM EOW report

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

SIGNED

Carry Haggie

TITLE PERMIT SUPERVISOR

DATE 9/1/11

RCVD SEP 6 '11

OIL CONS. DIV.
DIST. 3

ACCEPTED FOR RECORD

SEP 01 2011

FARMINGTON FIELD OFFICE
BY *32*

NMOCD

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
						PICTURED CLIFFS	3363'	3135'
						CLIFFHOUSE	5566'	5328'
						MENEFEE	5615'	5377'
						POINT LOOKOUT	5834'	5596'
						MANCOS	6350'	6111'
						GRANEROS	7939'	7700'
						DAKOTA	8071'	7832'

**ROSA UNIT #014D
BLANCO MV / BASIN DK**

Spud: 6/29/11
Completed: 8/31/11
1st Delivery: MV 8/19/11
DK 8/22/11

Surface Location:
1020' FNL & 1515' FEL
Sec 23 (B), T31N, R06W
Rio Arriba, NM

Bottom Hole Location:
418' FNL & 347' FEL
Sec 23 (A), T31N, R06W
Rio Arriba, NM

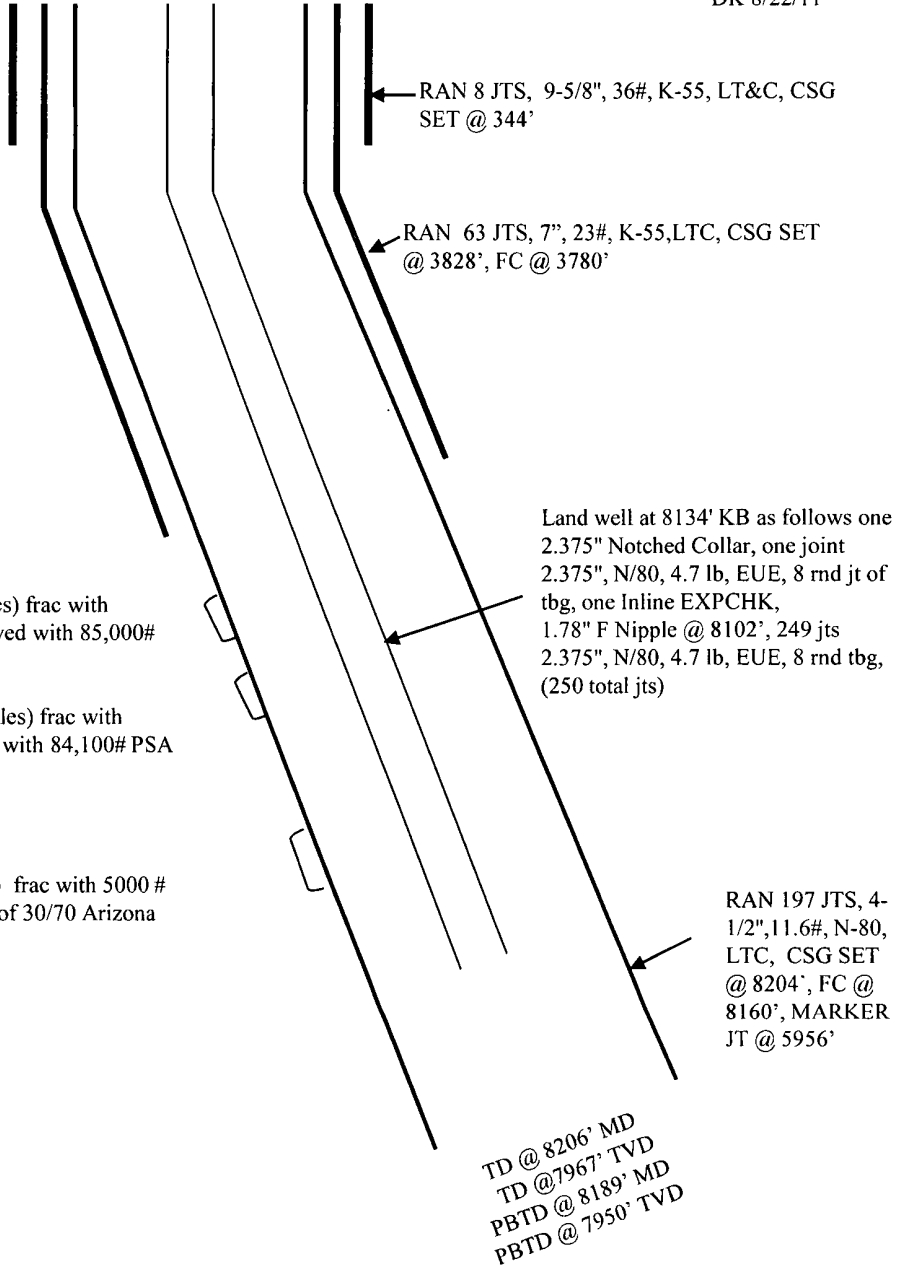
Elevation: 6287' GR
API # 30-039-31054

Top	Measured Depth	TVD
Pictured Cliffs	3363'	3135'
Cliffhouse Ss.	5566'	5328'
Menefee	5615'	5377'
Point Lookout	5834'	5596'
Mancos	6350'	6111'
Graneros	7939'	7700'
Dakota	8071'	7832'

Upper MV: 5588'-5790' (30, 0.34" holes) frac with 17,100# 30/70 mesh Ottawa sand followed with 85,000# 20/40 PSASand

Lower MV: 5848'-6060' (33, 0.34" holes) frac with 9900 # of 30/70 Ottawa sand followed with 84,100# PSA sand

Dakota: 8076'-8144' (18, 0.34" Holes) frac with 5000 # of 100 mesh sand follow with 70,300# of 30/70 Arizona sand



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	165 sxs	297 cu.ft.	Surface
8-3/4"	7", 23#	430 sxs	1018 cu.ft.	Surface
6-1/4"	4-1/2", 11.6#	445 sxs	623 cu.ft.	3620' CBL