

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SUBMIT IN
DUPLICATE

AUG 24 2011

(See other instructions on
reverse side)

Farmington Field Office
Bureau of Land Management

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

WELL COMPLETION OR RECOMPLETION REPORT						5 LEASE DESIGNATION AND LEASE NO NMSF-078767	
6 IF INDIAN ALLOTTEE OR						7 UNIT AGREEMENT NAME Rosa Unit	
1a TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER						8 FARM OR LEASE NAME, WELL NO Rosa Unit #072C	
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						9 API WELL NO 30-039-31046-0001	
2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY						10. FIELD AND POOL, OR WILDCAT Basin DK	
3 ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4222						12 COUNTY OR Rio Arriba	
4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* SHL: 1675' FSL & 745' FWL, Section 6, T31N, R5W BHL: 859' FSL & 985' FWL, Section 6, T31N, R5W						13 STATE New Mexico	
14. PERMIT NO.		DATE ISSUED		12 COUNTY OR Rio Arriba		13 STATE New Mexico	
15 DATE SPUDDED 7/10/11		16. DATE T.D. REACHED 7/17/11		17. DATE COMPLETED (READY TO PRODUCE) 8/19/11		18. ELEVATIONS (DK, RKB, RT,GR,ETC)* 6441' GR	
19 ELEVATION CASINGHEAD		20 TOTAL DEPTH, 8242' MD, 8158' TVD		21 PLUG, BACK T.D., MD & TVD 8230' MD, 8146' TVD		22 IF MULTICOMP, HOW MANY 2	
23 INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Basin DK, 8094' - 8166' MD, 8010' - 8082' TVD		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)		29 LINER RECORD		30 TUBING RECORD	
31		32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC		33. PRODUCTION		34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD	
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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	3563'	3485'
						CLIFFHOUSE	5575'	5492'
						MENEFEE	5636'	5553'
						POINT LOOKOUT	5850'	5767'
						MANCOS	6354'	6271'
						DAKOTA	8093'	8009'

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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SUBMIT IN
DUPLICATE
AUG 24 2011
(See other instructions on
reverse side)

Farmington Field Office

Bureau of Land Management

RCVD SEP 1 '11
OIL CONS. DIV.

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

5 LEASE DESIGNATION AND LEASE NO
NMSF-078767

6 IF INDIAN ALLOTTEE OR

7 UNIT AGREEMENT NAME
Rosa Unit

NMM 78407A

8 FARM OR LEASE NAME, WELL NO
Rosa Unit #072C

9 API WELL NO
30-039-31046-0002

10. FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

12 COUNTY OR
Rio Arriba

13 STATE
New Mexico

19 ELEVATION CASINGHEAD

ROTARY TOOLS
x

CABLE TOOLS

25 WAS DIRECTIONAL SURVEY MADE
Yes

27 WAS WELL CORED
NO

WELL COMPLETION OR RECOMPLETION REPORT

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 640, Aztec, NM 87410 (505) 634-4222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
SHL 1675' FSL & 745' FWL, Section 6, T31N, R5W
BHL 859' FSL & 985' FWL, Section 6, T31N, R5W

14 PERMIT NO.
DATE ISSUED
18 ELEVATIONS (DK, RKB,
RT,GR,ETC)*
6441' GR

15 DATE
SPUDDED
7/10/11

16. DATE T.D.
REACHED
7/17/11

17. DATE COMPLETED (READY TO
PRODUCE)
8/19/11

20 TOTAL DEPTH.
8242' MD, 8158' TVD

21. PLUG, BACK T.D., MD & TVD
8230' MD, 8146' TVD

22 IF
MULTICOMP,
HOW MANY
2

23 INTERVALS
DRILLED BY

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Blanco Mesaverde 5620' - 5980' MD, 5537' - 5897' TVD

26 TYPE ELECTRIC AND OTHER LOGS
Array Induction, Spectral Density/Dual Spaced Neutral, GR, CBL

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#	333'	12 1/4"	165 SX - SURFACE	25 bbls.
7", K-55	23#	3898'	8 3/4"	500 SX - SURFACE	66 bbls.
4 1/2", N-80	11.6#	8242'	6-1/4"	445 SX - 3900'	

29. LINER 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	8159'	none

30 TUBING RECORD

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5620' - 5766'	Frac with 65.400# 20/40 PSA
5845' - 5980'	Frac with 14.100# 30/70 PSA followed with 81.700# of 20/40 PSA

Mesaverde 2nd Stage 5620'-5766' (30, 0 34" holes)

Mesaverde 1st Stage 5845'-5980' (30, 0 34" holes)

33 PRODUCTION Production from the MV & DK to be commingled per AZT-3638

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI	
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

ACCEPTED FOR RECORD

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

SIGNED Nathan Riley TITLE REGULATORY SPEC SR

DATE 8/23/11

AUG 25 2011

NMOCD

FARMINGTON FIELD OFFICE
BY SCV

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	3563'	3485'
						CLIFFHOUSE	5575'	5492'
						MENEFEE	5636'	5553'
						POINT LOOKOUT	5850'	5767'
						MANCOS	6354'	6271'
						DAKOTA	8093'	8009'
				</				

RECEIVED

ROSA UNIT #72C BLANCO MV / BASIN DK

AUG 24 2011

Spud: 07/10/11

Surface Location:
1675' FSL and 745' FWL
Sec 6 (K), T31N, R05W
Rio Arriba, NM

Farmington Field DK Completed: 8/19/11
Bureau of Land Management
MV Complete: 8/19/11

1st Delivery:

Bottom Hole Location:
859' FSL and 985' FWL
Sec 6 (N), T31N, R05W
Rio Arriba, NM

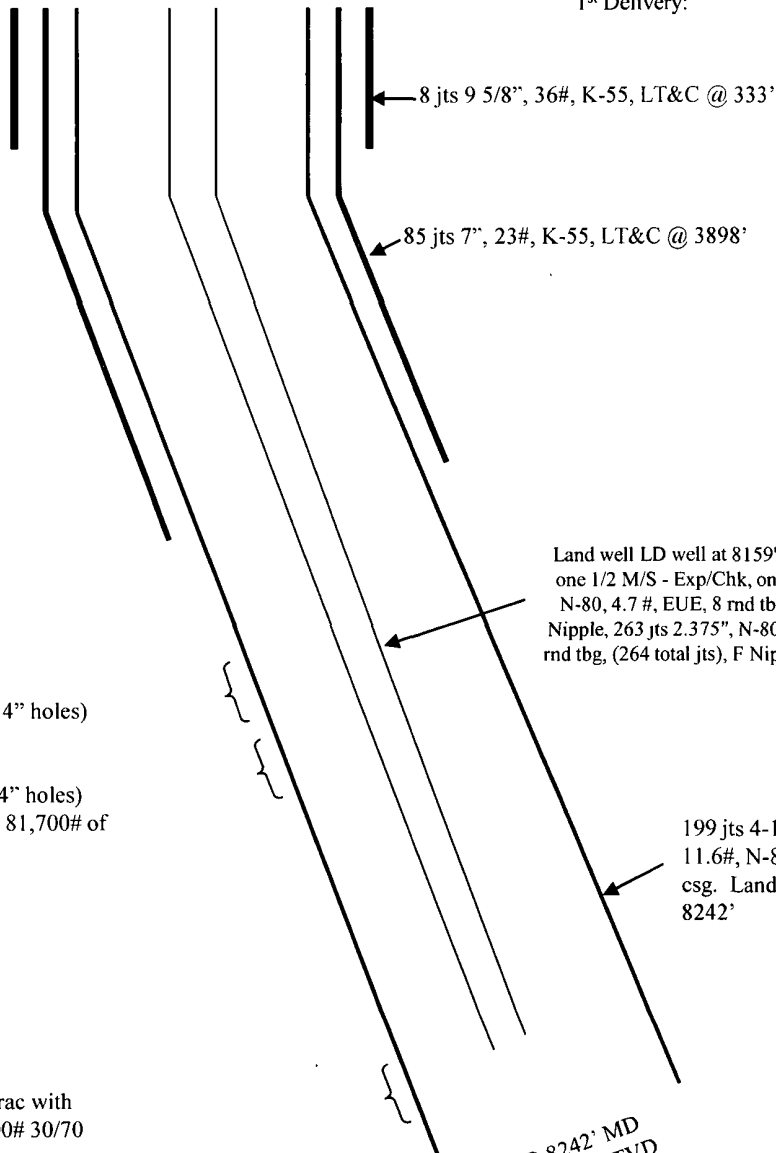
Elevation: 6441' GR
API # 30-039-31046

Top	MD Depth	TVD Depth
Pictured Cliffs	3563'	3485'
Lewis	3846'	3765'
Cliffhouse Ss.	5575'	5492'
Menefee	5636'	5553'
Point Lookout	5850'	5767'
Mancos	6354'	6271'
Granereos	7964'	7880'
Dakota	8093'	8009'

Mesaverde 2nd Stage: 5620'-5766' (30, 0.34" holes)
Frac with 65,400# 20/40 PSA

Mesaverde 1st Stage: 5845'-5980' (30, 0.34" holes)
Frac with 14,100# 30/70 PSA followed with 81,700# of
20/40 PSA

Dakota: 8094' - 8166' (21, 0.34" holes) Frac with
5200# 100 mesh PSA, followed with 85,900# 30/70
PSA.



TD @ 8242' MD
TD @ 8158' TVD
PBTD @ 8230' MD
PBTD @ 8146' TVD

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#	500 sxs	1210 cu.ft.	Surface
6-1/4"	4-1/2", 11.6#	445 sxs	623 cu.ft.	3900' CBL