

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.
NMSF-078763

6 IF INDIAN ALLOTTEE OR

7 UNIT AGREEMENT NAME
Rosa Unit

8 FARM OR LEASE NAME, WELL NO
Rosa Unit #41C

9 API WELL NO.
30-039-30692 - 00C3

10 FIELD AND POOL, OR WILDCAT
Blanco Mesaverde

11 SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
Sec 8, T31N, R5W

12 COUNTY OR 13 STATE
Rio Arriba New Mexico

19 ELEVATION CASING HEAD
RCVD JUL 12 '10

ROTARY TOOLS CABLE TOOLS
X OIL CONS. DIV.

25 WAS DIRECTIONAL SURVEY MADE
YES DIST 2

27 WAS WELL CORED
No

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL 1 OIL WELL X GAS WELL DRY OTHER

b TYPE OF COMPLETION
X 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) 634-4208

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 850' FNL & 1980' FEL, sec 8, T31N, R5W
At top production interval reported below: 945' FSL & 1110' FEL, sec 5, T31N, R5W
At total depth. Same

15 DATE SPUDDED 5-19-09 16 DATE T.D. REACHED 6-12-09 17 DATE COMPLETED (READY TO PRODUCE) 6-27-10

20 TOTAL DEPTH, MD & TVD 7990'-7840' TVD 21 PLUG, BACK T.D., MD & TVD 8659' MD

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Blanco Mesaverde 5771' - 6667' MD

26 TYPE ELECTRIC AND OTHER LOGS RUN
Gamma Ray-Pulsed Neutron Decay Log and 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
10-3/4", J-55	40.5#	354'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	4192'	9-7/8"	705 SX - SURFACE	
5-1/2", N-80	17.0#	8081'	6-3/4"	415 SX - 4020' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
3-1/2"	7860'	8682'	50 sx		2 3/5", 4.7#, N-80 & N-80 EUE 8rd	7753'	none

31 PERFORATION RECORD (Interval, size, and number)

MV 3rd: 5771' - 6120' Total of 70, 0.34" holes

MV 2nd: 6170' - 6385' Total of 51, 0.34" holes

MV 1st: 6406' - 6667' Total of 50, 0.34" holes

33 PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
6-2-10		Flowing				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	OIL GRAVITY-API (CORR.)	

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

35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

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

SIGNED Larry Higgins TITLE Permit Supervisor DATE 6-29-10

RECEIVED

JUN 30 2010

Bureau of Land Management
Farmington Field Office

ACCEPTED FOR RECORD

JUL 06 2010

FARMINGTON FIELD OFFICE
BY STU

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	3714'	3196'
						LEWIS	4024'	3447'
						CLIFFHOUSE	5984'	5405'
						MENEFEE	6029'	5449'
						POINT LOOKOUT	6199'	5619'
						MANCOS	6752'	6171'
						DAKOTA	8488'	7905'

ROSA UNIT #41C
BLANCO MV/BASIN MC/BASIN DK

Surface Location:

850' FNL and 1980' FEL
NW/4 NE/4 Sec 8 (B), T31N, R05W
Rio Arriba, NM

Bottom Hole Location:

945' FSL and 1110' FEL
SE/4 SE/4 Sec 5 (P), T31N, R05W
Rio Arriba, NM

Elevation: 6348' GR

API # 30-039-30692

Spud. 05/19/09

Completed: 08/29/09

1st Delivery MV: 06/02/10

1st Delivery MC: 09/10/09

1st Delivery: DK: 09/10/09

Top	MD Depth	TVD Depth
Pictured Cliffs	3714'	3196'
Lewis	4024'	3447'
Cliffhouse Ss.	5984'	5405'
Menefee	6029'	5449'
Point Lookout	6199'	5619'
Mancos	6752'	6171'
Dakota	8488'	7905'

Mesaverde 3rd: 5771'-6120' (70, .34" holes) Frac with 83,060#
20/40 mesh PRS sand. 4" ID Owens Csg patch 5838'-5868'

Mesaverde 2nd: 6170'-6385' (51, 0.34" holes) Frac with 82,047#
20/40 mesh PRS sand. 4" ID Owens Csg patch 6241'-6271'

Mesaverde 1st: 6406'-6667' (50, 0.34" holes) Frac with 82,282#
20/40 mesh PRS sand

Mancos 2nd: 7390' - 7630' (75, 0.34" holes) Frac with 6800# 100
mesh BASF followed w/96,300# 40/70 mesh BASF

Mancos 1st: 7705' - 7846' (60, 0.34" holes) Frac with 5000# 100
mesh BASF followed with 104,500# 40/70 mesh BASF

Dakota: 8490' - 8666' (102, 0.34" holes) Frac with 5200# 100
mesh BASF followed with 121,400# 40/70 mesh BASF

← 8 jts 10-3/4", 40.5#, J-55, ST&C @ 354'.

← 106 jts 7-5/8", 26.4#, K-55, LT&C @ 4192'.

Land well as follows- 2-3/8" EUE half
muleshoe, 1 jt 2 3/8" 4 7# N-80 EUE 8rd
tbg, 1 78" I.D. F-nipple, 242 jts 2-3/8", 4.7#
N-80 EUE 8rd tbg. EOT @ 7753' - 1 78"
I.D. F-Nipple @ 7719'

← 199 jts 5-1/2",
17#, N-80
LT&C csg. set
@ 8081'.

← TOL @ 7860'

← 25 jts 3-1/2", 9.5#,
J-55, EUE 8rd liner
Set @ 8682'

TD @ 8696' MD
TD @ 8113' TVD
PBTD @ 8659' MD
PBTD @ 8076' TVD

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	290 sxs	521 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	705 sxs	1757 cu.ft.	Surface
6-3/4"	5-1/2", 17#	415 sxs	580 cu.ft.	4020' CBL
4-3/4"	3-1/2", 9.5#	50 sxs	72 cu.ft.	7980' CBL