

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
(SUBMITTED)
DUPLICATE

SEP 22 2009
(See other instructions on
reverse side)

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 AND LOG

7 UNIT AGREEMENT NAME
Rosa Unit

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

Report to lease

2 NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

8 FARM OR LEASE NAME, WELL NO
Rosa Unit #16D

3 ADDRESS AND TELEPHONE NO
P.O. Box 640, Aztec, NM 87410 (505) 634-4208

9 API WELL NO
30-039-30749-0062

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 1015' FSL & 1300' FWL, sec 14, T31N, R6W
At top production interval reported below: 2034' FSL & 1974' FWL, sec 14, T31N, R6W
At total depth: Same

10 FIELD AND POOL, OR WILDCAT
Basin Mancos

11 SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
Sec 14, T31N, R6W

14 PERMIT NO	DATE ISSUED	12 COUNTY OR	13 STATE
		Rio Arriba	New Mexico
15 DATE SPUDDED 7-7-09	16 DATE T D REACHED 7-21-09	17 DATE COMPLETED (READY TO PRODUCE) 9-19-09	18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6355' GR
20 TOTAL DEPTH, MD & TVD 8275' MD / 8062' TVD	21 PLUG, BACK T D., MD & TVD 8262' MD	22 IF MULTICOMP, HOW MANY 3*	23 INTERVALS DRILLED BY
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN MANCOS. 7045'-7530' MD Commingled with Mesaverde and Dakota per AZT-3226		25 WAS DIRECTIONAL SURVEY MADE YES	
26 TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and 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
10-3/4", J-55	40.5#	311'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3918'	9-7/8"	660 SX - SURFACE	
5-1/2", N-80	17.0#	8275'	6-3/4"	360 SX - 3286' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375", 4 7#, J-55 EUE 8rd	8212'	none

31 PERFORATION RECORD (Interval, size, and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7045'-7246'	Fraced with 5000# 100 mesh BASF followed with 121,000# 40/70 mesh BASF RCVD SEP 24 '09
7358'-7530'	Fraced with 5000# 100 mesh BASF followed with 95,100# 40/70 mesh BASF OIL CONS. DIV.

33 PRODUCTION

DIST. 3

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SI) SI - waiting on tie-in	
DATE OF TEST 9-18-09	TESTED 1 hr	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 220 lb	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 487 mcf/d	WATER - BBL	OIL GRAVITY-API (CORR)

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

TEST WITNESSED BY Sergio Borunda

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

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

SIGNED Larry Hagg TITLE Drlg COM DATE 9-21-09

ACCEPTED FOR RECORD

SEP 22 2009

FARMINGTON FIELD OFFICE
BY T. Sayers

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	3420'	3173'
						LEWIS	3770'	3522'
						CLIFFHOUSE	5617'	5368'
						MENEFEE	5663'	5414'
						POINT LOOKOUT	5918'	5669'
						MANCOS	6436'	6187'
						DAKOTA	8134'	7885'

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6. IF INDIAN, ALLOTTEE OR

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7. UNIT AGREEMENT NAME

Rosa Unit

Report to lease

8 FARM OR LEASE NAME, WELL NO

Rosa Unit #16D

9 API WELL NO

30-039-30749-0001

10 FIELD AND POOL, OR WILDCAT

Basin Dakota

11 SEC, T, R, M, OR BLOCK AND
SURVEY OR AREA

Sec 14, T31N, R6W

12 COUNTY OR

Rio Arriba

13 STATE

New Mexico

19 ELEVATION CASINGHEAD

25 WAS DIRECTIONAL SURVEY MADE

YES

27 WAS WELL CORED

No

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) 634-4208

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

At Surface: 1015' FSL & 1300' FWL, sec 14, T31N, R6W

At top production interval reported below : 2034' FSL & 1974' FWL, sec 14, T31N, R6W

At total depth: Same

14 PERMIT NO

DATE ISSUED

12 COUNTY OR

13 STATE

Rio Arriba

New Mexico

19 ELEVATION CASINGHEAD

15. DATE
SPUDDED
7-7-09

16 DATE T D
REACHED
7-21-09

17 DATE COMPLETED (READY TO PRODUCE)
9-19-09

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6355' GR

20 TOTAL DEPTH, MD & TVD
8275' MD / 8062' TVD

21 PLUG, BACK T D, MD & TVD
8262' MD

22 IF MULTICOMP,
HOW MANY
3*

23 INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

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

BASIN DAKOTA 8135'-8228' MD Commingled with Mesavcrde and Mancos per AZT-3226

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector 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#	311'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3918'	9-7/8"	660 SX - SURFACE	
5-1/2", N-80	17.0#	8275'	6-3/4"	360 SX - 3286' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4.7#, J-55 EUE 8rd	8212'	none

31 PERFORATION RECORD (Interval, size, and number)

Dakota. Total of 78, 0 34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

8135'-8228'

Fraced with 5246# 100 mesh BASF followed with 84,794# 40/70 mesh BASF

RCVD SEP 24 '09

OIL CONS. DIV.

33 PRODUCTION

DIST. 3

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				SI - waiting on tie-in	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
9-18-09	1 hr	2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	220 lb				316 mcf/d		

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

TEST WITNESSED BY: Sergio Bonilla

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

ACCEPTED FOR RECORD

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

SIGNED

Larry Haggis

NMOC

DATE 9-21-09

SEP 22 2009

FARMINGTON FIELD OFFICE
BY T. Salyers

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			
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						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
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Bureau of Land Management
Farmington Field Office

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL	<input checked="" type="checkbox"/> OIL WELL	<input checked="" type="checkbox"/> GAS WELL	<input type="checkbox"/> DRY	<input type="checkbox"/> OTHER
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			
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: 1015' FSL & 1300' FWL, sec 14, T31N, R6W At top production interval reported below : 2034' FSL & 1974' FWL, sec 14, T31N, R6W At total depth Same			
14 PERMIT NO	DATE ISSUED		12 COUNTY OR	13 STATE
			Rio Arriba	New Mexico
15 DATE SPUNDED	16 DATE T D REACHED	17 DATE COMPLETED (READY TO PRODUCE)	18 ELEVATIONS (DK, RKB, RT, GR, ETC)*	
7-7-09	7-21-09	9-19-09	6355' GR	
20 TOTAL DEPTH, MD & TVD	21 PLUG, BACK T D, MD & TVD	22 IF MULTICOMP, HOW MANY	23 INTERVALS DRILLED BY	19 ELEVATION CASINGHEAD
8275' MD / 8062' TVD	8262' MD	3*		RCVD SEP 24 '09
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*				25 WAS DIRECTIONAL SURVEY MADE
BLANCO MESAVERDE: 5754'-6215' MD Commingled with Mancos and Dakota per AZT-3226				YES DIST 3
26 TYPE ELECTRIC AND OTHER LOGS RUN				27 WAS WELL CORED
Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and CBL				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
10-3/4", J-55	40.5#	311'	14-3/4"	290 SX - SURFACE	
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31 PERFORATION RECORD (Interval, size, and number)			32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC		
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
Upper Mesaverdes: Total of 57, 0.34" holes ✓			5754'-5843'	Fraced with 80,282# 20/40 mesh BASF	
Lower Mesaverdes: Total of 68, 0.34" holes ✓			5904'-6215'	Fraced with 80,134# 20/40 mesh BASF	

33 PRODUCTION							
DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)						
	Flowing ✓						
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
9-18-09	1 hr	2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	220 lb ✓				514 mcf/d ✓		
34 DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) TO BE SOLD						TEST WITNESSED BY: Sergio Borunda	
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<i>Laurey Higgins</i>	Drig COM	9-21-09
NMOC		SEP 22 2009
		FARMINGTON FIELD OFFICE BY <i>T. Salves</i>

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