

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER		RECEIVED NOV 20 2009 Bureau of Land Management Farmington Field Office		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				Report to lease	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY				8 FARM OR LEASE NAME, WELL NO Rosa Unit #165D	
3 ADDRESS AND TELEPHONE NO P O. Box 640, Aztec, NM 87410 (505) 634-4208				9. API WELL NO 30-039-30690 -0002	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1280' FNL & 1635' FWL, sec 25, T31N, R6W At top production interval reported below : 737' FNL & 1039' FWL, sec 25, 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 25, T31N, R6W	
15 DATE SPUDDED 9-14-09		16 DATE T D REACHED 9-25-09		12 COUNTY OR Rio Arriba	
17 DATE COMPLETED (READY TO PRODUCE) 11-19-09		18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6403' GR		13 STATE New Mexico	
20 TOTAL DEPTH, MD & TVD 8136' MD / 8019' TVD		21. PLUG, BACK T D, MD & TVD 8120' MD / 8003' TVD		19 ELEVATION CASINGHEAD RCVD DEC 1 '09	
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: 6960'-7440' MD Commingled with Mesaverde and Dakota per AZT-3269	
26 TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Detector and CBL		27 WAS WELL CORED No		25 WAS DIRECTIONAL SURVEY MADE YES DIST. ?	

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#	317'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3850'	9-7/8"	595 SX - SURFACE	
4-1/2", N-80	11.6.0#	8123'	6-3/4"	580 SX -3150' (CBL)	
29 LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD
					SIZE 2.375", 4 7#, N-80 EUE 8rd
31 PERFORATION RECORD (Interval, size, and number)				DEPTH SET (MD)	
Upper MC: Total of 75, 0.34" holes ✓				6960'-7200'	
Lower MC: Total of 69, 0.34" holes ✓				7270'-7440'	
				Faced with 5089# 100 mesh BASF followed with 110,678# 40/70 mesh BASF	
				Faced with 4984# 100 mesh BASF followed with 99,817# 40/70 mesh BASF	

33 PRODUCTION							
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 11-18-09 ✓	TESTED 2 hr	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 270 lb	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 598 mcf/d ✓	WATER - BBL	OIL GRAVITY-API (CORR)

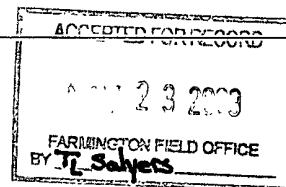
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) TO BE SOLD TEST WITNESSED BY Weldon Higgins

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 Weldon Higgins TITLE Drig COM DATE 11-20-09

NMOCD 10



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
						LEWIS	3756'	3640'
						CLIFFHOUSE	5528'	5411'
						POINT LOOKOUT	5799'	5682'
						MANCOS	6261'	6144'
						GRANEROS	7889'	7772'
						DAKOTA	8018'	7901'

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OMB NO. 1004-0137
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WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED

NOV 20 2003

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 Bureau of Land Management
Farmington Field Office

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: 1280' FNL & 1635' FWL, sec 25, T31N, R6W

At top production interval reported below : 737' FNL & 1039' FWL, sec 25, T31N, R6W

At total depth. Same

7. UNIT AGREEMENT NAME

Rosa Unit

NMM-78407B-DK

8. FARM OR LEASE NAME, WELL NO

Rosa Unit #165D

9. API WELL NO

30-039-30690-0001

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec 25, T31N, R6W

12. COUNTY OR

Rio Arriba

13. STATE

New Mexico

15. DATE
SPUDDED
9-14-09

16. DATE T.D.
REACHED
9-25-09

17. DATE COMPLETED (READY TO PRODUCE)
11-19-09

18. ELEVATIONS (DK, RKB, RT, GR, ETC)*
6403' GR

19. ELEVATION CASINGHEAD

20. TOTAL DEPTH, MD & TVD
8136' MD / 8019' TVD

21. PLUG, BACK T.D., MD & TVD
8120' MD / 8003' TVD

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 8018'-8118' MD

Commingled with Mesaverde and Mancos per AZT-3269

25. WAS DIRECTIONAL SURVEY MADE

YES

26. TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, 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#	317'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3850'	9-7/8"	595 SX - SURFACE	
4-1/2", N-80	11.6#	8123'	6-3/4"	580 SX - 3150' (CBL)	

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	8025'	none

30. TUBING RECORD

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

Dakota: Total of 66, 0 34" holes

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

DEPTH INTERVAL
(MD)

AMOUNT AND KIND OF MATERIAL USED

8018'-8118'

Fraced with 5681# 100 mesh BASF followed with 81,169# 40/70 mesh BASF

RCVD DEC 1 '09

OIL CONS. DIV.
DIST. 3

33. PRODUCTION

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
11-18-09	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	270 lb				388 mcf/d		

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

TEST WITNESSED BY Weldon Higgins

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

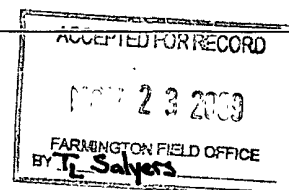
SIGNED

Weldon Higgins

TITLE Drlg COM

DATE 11-20-09

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		
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1a TYPE OF WELL: <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER		RECEIVED		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				NMM-78407A-MV	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		NOV 20 2009		8. FARM OR LEASE NAME, WELL NO Rosa Unit #165D	
3. ADDRESS AND TELEPHONE NO P O. Box 640, Aztec, NM 87410 (505) 634-4208		Bureau of Land Management Farmington Field Office		9. API WELL NO 30-039-30690-0003	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1280' FNL & 1635' FWL, sec 25, T31N, R6W At top production interval reported below: 737' FNL & 1039' FWL, sec 25, T31N, R6W At total depth: Same				10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 25, T31N, R6W	
15. DATE SPUDDED 9-14-09		16. DATE T.D. REACHED 9-25-09		12. COUNTY OR Rio Arriba	
17. DATE COMPLETED (READY TO PRODUCE) 11-19-09		18. ELEVATIONS (DK, RKB, RT, GR, ETC)* 6403' GR		13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 8136' MD / 8019' TVD		21. PLUG, BACK T.D., MD & TVD 8120' MD / 8003' TVD		19. ELEVATION CASINGHEAD RCVD DEC 1 '09	
22. IF MULTICOMP., HOW MANY 3*		23. INTERVALS DRILLED BY		24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE: 5534'-6030' MD Commungled with Mancos and Dakota per AZT-3269	
26. TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Detector and CBL		25. WAS DIRECTIONAL SURVEY MADE YES DIST 3		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
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29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4.7#, N-80 EUE 8rd	8025'	none

31. PERFORATION RECORD (Interval, size, and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
Upper MV: Total of 46, 0.34" holes	5534'-5768'	Fraced with 78,828# 20/40 mesh BASF	
Lower MV: Total of 47, 0.34" holes	5800'-6030'	Fraced with 90,983# 20/40 mesh BASF	

33. PRODUCTION		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 11-18-09	TESTED 2 hr	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO		
FLOW TBG PRESS 0	CASING PRESSURE 270 lb	CALCULATED 24-HOUR RATE			OIL - BBL	GAS - MCF 631 mcf/d	WATER - BBL	OIL GRAVITY-API (CORR)	

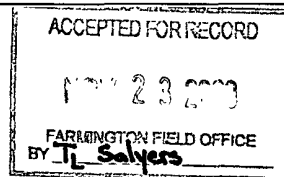
34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.) TO BE SOLD TEST WITNESSED BY: Weldon Huggins

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 Looney Kiger TITLE Drig COM DATE 11-20-09

NMOCD 06



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		
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