

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SUBMIT IN
DUPLICATE

(See other instructions on
reverse side)

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

Bureau of Land Management
Farmington Field Office

5 LEASE DESIGNATION AND LEASE NO.
NMSF-078765

6. IF INDIAN ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

7 UNIT AGREEMENT NAME

Rosa Unit

NMMN-78407A-MU

8 FARM OR LEASE NAME, WELL NO.

Rosa Unit #88C

9 API WELL NO.

30-045-34458-0123

10. FIELD AND POOL, OR WILDCAT
BLANCO MESAVERDE

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

NW/4 NE/4, Sec 8, T31N, R6W

12 COUNTY OR
San Juan

13 STATE
New Mexico

19. ELEVATION CASINGHEAD

RCVD AUG 26 '09

ROTARY TOOLS

CABLE TOOLS

OIL CONS. DIV.

25 WAS DIRECTIONAL SURVEY MADE

YES DIST. 3

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: 1060' FNL & 2230' FEL, Sec 8, T31N, R6W
At top production interval reported below: 260' FNL & 2307' FWL, Sec 8, T31N, R6W
At total depth: Same

14 PERMIT NO.

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6218' GR

15 DATE
SPUDDED
6-9-08

16 DATE T.D.
REACHED
7-8-08

17. DATE COMPLETED (READY TO PRODUCE)
8/13/09

20 TOTAL DEPTH, MD & TVD
8085' MD / 7862' TVD

21 PLUG BACK T.D., MD & TVD
8080' MD 7857' TVD

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 5702' - 6120'

26. TYPE ELECTRIC AND OTHER LOGS RUN
Cased hole 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", K-55	40.5#	322'	14-3/4"	250 SX - SURFACE	
7-5/8"	26.4#	3703'	9-7/8"	1482 SX - SURFACE	
5-1/2", N-80	17.0#	8082'	6-3/4"	220 SX - 5619' (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, N-80	8014'	none

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

Upper PT/LO: 5702' - 5870' (45, 0.34" holes)

Lower PT/LO: 5896' - 6120' (54, 0.34" holes)

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

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED

5702' - 5870' Frac with 106,500# 20/40 BASF

5896' - 6120' Frac with 54,741# 20/40 BASF

33 PRODUCTION** To be commingled with the Mancos and Dakota formations per DHC-AZT-3213. Flow test on all three formations (Mesa Verde, Mancos, Dakota)

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
8/12/08	1.5 hr	16/64					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	600 PSI				800 p/day		

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

TEST WITNESSED BY: Craig Ward

35 LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report attached to completion sundry

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

SIGNED

TITLE Regulatory Specialist

DATE 8/20/09

ACCEPTED FOR RECORD

AUG 24 2009

FARMINGTON FIELD OFFICE
BY T. Salazar

NMOCD 40

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
						KIRTLAND	2442'	2220'
						FRUITLAND COAL	2902'	2680'
						PICTURED CLIFFS	3220'	2998'
						CLIFFHOUSE	5427'	5205'
						MENEFEE	5473'	5251'
						POINT LOOKOUT	5700'	5478'
						MANCOS	6234'	6012'
						DAKOTA	7957'	7734'

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

Bureau of Land Management Farmington Field Office					
WELL COMPLETION OR RECOMPLETION REPORT					
1a. TYPE OF WELL <input 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. <input type="checkbox"/> 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: 1060' FNL & 2230' FEL, Sec 8, T31N, R6W At top production interval reported below : 260' FNL & 2307' FWL, Sec 8, T31N, R6W At total depth: Same					
5. LEASE DESIGNATION AND LEASE NO NMSF-078765					
6. IF INDIAN, ALLOTTEE OR					
7. UNIT AGREEMENT NAME Rosa Unit					
8. FARM OR LEASE NAME, WELL NO Rosa Unit #88C					
9. API WELL NO 30-045-34458-01C2					
10. FIELD AND POOL, OR WILDCAT BASIN MANCOS					
11. SEC., T.R.M. OR BLOCK AND SURVEY OR AREA NW/4 NE/4, Sec 8, T31N, R6W					
12. COUNTY OR San Juan					
13. STATE New Mexico					
14. PERMIT NO					
15. DATE SPUDDED 6-9-08					
16. DATE T.D. REACHED 7-8-08					
17. DATE COMPLETED (READY TO PRODUCE) 8/13/09					
18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6218' GR					
19. ELEVATION CASINGHEAD RCVD AUG 26 '09					
20. TOTAL DEPTH, MD & TVD 8085' MD / 7862' TVD					
21. PLUG, BACK T.D., MD & TVD 8080' MD 7857' TVD					
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 6925' - 7296'					
25. WAS DIRECTIONAL SURVEY MADE YES DIST. 3					
26. TYPE ELECTRIC AND OTHER LOGS RUN Cased hole 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", K-55	40.5#	322'	14-3/4"	250 SX - SURFACE	
7-5/8"	26.4#	3703'	9-7/8"	1482 SX - SURFACE	
5-1/2", N-80	17.0#	8082'	6-3/4"	220 SX - 6015' (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, N-80	8014'	none

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

Mancos 2nd Stg: 6925' - 7095' (48, 0.34" holes)

Mancos 1st Stg: 7165' - 7296' (42, 0.34" holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6925' - 7095'	Frac with 5060# 100 mesh followed with 100,448# 40/70 BASF
7165' - 7296'	Frac with 5271# 100 mesh followed with 100,823# 40/70 BASF

33. PRODUCTION ** To be commingled with the Mesaverde and Dakota formations per DIIC-AZT-3213. Flow test on all three formations (Mesaverde, Mancos, Dakota)

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 8/12/08	TESTED 1.5 hr	CHOKE SIZE 16/64	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 600 PSI	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 800 p/day	WATER - BBL	OIL GRAVITY-API (CORR)

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

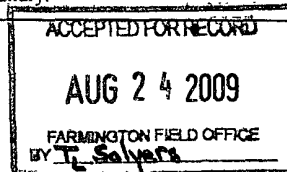
TEST WITNESSED BY Craig Ward

35. LIST OF ATTACHMENTS. SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report attached to completion sundry.

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

SIGNED Neeraj P. Raley TITLE Regulatory Specialist DATE 8/20/09

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		
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