

In Lieu of  
Form 3160-4  
(July 1992)

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\*

RECEIVED

NOV 03 2009

Bureau of Land Management  
Farmington Field Office

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 type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" 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: 1840' FSL & 865' FEL, sec 1, T31N, R6W At top production interval reported below : 204' FSL & 929' FEL, sec 1, T31N, R6W At total depth: Same				
5.	LEASE DESIGNATION AND LEASE NO. NMSF-078772				
6.	IF INDIAN, ALLOTTEE OR				
7.	UNIT AGREEMENT NAME Rosa Unit				
8.	FARM OR LEASE NAME, WELL NO Rosa Unit #164C				
9.	API WELL NO 30-039-30109				
10.	FIELD AND POOL, OR WILDCAT Blanco Mesaverde				
11.	SEC., T, R, M., OR BLOCK AND SURVEY OR AREA Sec 1, T31N, R6W				
12.	COUNTY OR Rio Arriba		13. STATE New Mexico		
14.	PERMIT NO		DATE ISSUED		
15.	DATE SPUDDED 5-1-09		16. DATE T D REACHED 5-15-09		
17.	DATE COMPLETED (READY TO PRODUCE) 10-30-09		18. ELEVATIONS (DK, RKB, RT, GR, ETC)* 6358' GR		
19.	ELEVATION CASINGHEAD				
20.	TOTAL DEPTH, MD & TVD 8464' MD / 8073' TVD		21. PLUG, BACK T D., MD & TVD 8000' MD		22. IF MULTICOMP, HOW MANY 3*
23.	INTERVALS DRILLED BY		ROTARY TOOLS x		
24.	PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE: 5604'-6412' MD				
25.	WAS DIRECTIONAL SURVEY MADE YES				
26.	TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, 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#	321'	14-3/4"	290 SX - SURFACE	
7-5/8", J-55	26 4#	4077'	9-7/8"	680 SX - SURFACE	
5-1/2", N-80	17 0#	8463'	6-3/4"	335 SX - 3950' (CBL)	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
				2.375", 4.7#, J-55 & N-80EUE 8rd	7707' none
31. PERFORATION RECORD (Interval, size, and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC		
<u>Upper MV</u> Total of 56, 0.34" holes  <u>Lower MV</u> Total of 57, 0.34" holes			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
			5604'-5998'	Fraced with 73,173# 20/40 mesh BASF	
			6044'-6412'	Fraced with 87,727# 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 10-26-09	TESTED 2 hr
CHOKE SIZE 1/4"	PROD'N FOR TEST PERIOD
OIL - BBL	GAS - MCF
FLOW TBG PRESS 0	CASING PRESSURE 420 lb
CALCULATED 24-HOUR RATE	
OIL - BBL	GAS - MCF 529 mcf/d
WATER - BBL	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 Haggis TITLE Drilg COM DATE 11-2-09

NMOCB

NOV 04 2009

FARMINGTON FIELD OFFICE

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	3583'	3202'
						LEWIS	3919'	3532'
						CLIFFHOUSE	5803'	5413'
						MENEFEE	5854'	5465'
						POINT LOOKOUT	6067'	5678'
						MANCOS	6587'	6192'
						DAKOTA	8303'	7915'

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5 LEASE DESIGNATION AND LEASE NO.  
NMSF-078772

6 IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME

Rosa Unit

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #164C

9 API WELL NO

30-039-30109

10 FIELD AND POOL, OR WILDCAT  
Basin Mancos

11. SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
Sec 1, T31N, R6W

12 COUNTY OR  
Rio Arriba

13 STATE  
New Mexico

19. ELEVATION CASINGHEAD

15 DATE  
SPUDED  
5-1-09

16 DATE T D  
REACHED  
5-15-09

17 DATE COMPLETED (READY TO PRODUCE)  
10-30-09

14. PERMIT NO

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)\*  
6358' GR

20 TOTAL DEPTH, MD & TVD  
8464' MD / 8073' TVD

21 PLUG BACK T D, MD & TVD  
8000' 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 MANCOS: 7204'-7690' MD

26 TYPE ELECTRIC AND OTHER LOGS RUN

Aray Induction, Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and CBL

25. WAS DIRECTIONAL SURVEY MADE

YES

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

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375", 4.7#, J-55 & N-80EUE 8rd	7707'	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 MC: Total of 75, 0 34" holes

7204'-7476'

Faced with 5000# 100 mesh BASF followed with 97,500# 40/70 mesh BASF

Lower MC: Total of 60, 0 34" holes

7554'-7690'

Faced with 5000# 100 mesh BASF, followed with 102,900# 40/70 mesh BASF

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
10-26-09	2 hr	1/4"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	420 lb				101 mcf/d		

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,

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

SIGNED

*Larry Hagg*

TITLE: DIRECTOR

DATE 11-2-09

NMOC

NOV 04 2009

FARMINGTON FIELD OFFICE

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