

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	OIL WELL	<input checked="" type="checkbox"/> GAS WELL	DRY	OTHER		
b. TYPE OF COMPLETION	NEW WELL	WORKOVER	DEEPEN	PLUG BACK	DIFF RESVR	<input checked="" type="checkbox"/> OTHER - horizontal reentry
2. NAME OF OPERATOR	WILLIAMS PRODUCTION COMPANY					
3. ADDRESS AND TELEPHONE NO	P.O. Box 640, Aztec, NM 87410 (505) 333-1808					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)	SURF: 1836' FNL & 1325' FWL BHL 1282' FSL & 2289' FWL					
5. LEASE DESIGNATION AND LEASE NO.	SF-078894					
6. IF INDIAN, ALLOTTEE OR						
7. UNIT AGREEMENT NAME	Rosa Unit					
8. FARM OR LEASE NAME, WELL NO	Rosa Unit 313A					
9. API WELL NO	30-039-27819 -0151					
10. FIELD AND POOL, OR WILDCAT	BASIN FRUITLAND COAL					
11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA	SEC 29, 31N, 4W					
12. COUNTY OR	Rio Arriba		13. STATE	New Mexico		
14. PERMIT NO	DATE ISSUED		19 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6871' GR			
15. DATE SPUDDED 6-3-2007	16. DATE T D REACHED 9/14/11 existing	17. DATE COMPLETED (READY TO PRODUCE) 10-18-11	19. ELEVATION CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 5794' MD / 3697' TVD	21. PLUG, BACK T D, MD & TVD 5735' MD 3695' TVD	22. IF MULTICOMP, HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS x	CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN FRUITLAND COAL: 3342'-5730' MD				25. WAS DIRECTIONAL SURVEY MADE YES		
26. TYPE ELECTRIC AND OTHER LOGS RUN				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
9-5/8", K-55	36#	339'	12-1/4"	150 SX - SURFACE	
7", J-55	23#	3621'	8-3/4"	550 SX - SURFACE	
5-1/2", N-80	17#	3807'	6-1/4"	None	

29 LINER RECORD				30 TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2"	3292'	5735'	0 SX		2-7/8", 6 5#, J-55	3777' ✓	

31. PERFORATION RECORD (Interval, size, and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC
Basin Fruitland Coal: 3342'-5730' (Pre-Perforated Liner, 28, 0.50" dia holes p/ft)	DEPTH INTERVAL (MD)
	3342'-5730'
	Well was not stimulated

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc) non flaring	TEST WITNESSED BY
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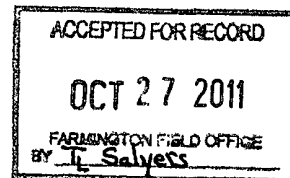
35. LIST OF ATTACHMENTS	SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report ✓
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
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SIGNED Ben Mitchell TITLE Ben Mitchell

DATE 10-24-2011

NMOCOD A



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
KIRTLAND	3254'						
FRUITLAND	3549'						
PICTURED CLIFFS	3737'						

# ROSA UNIT #313A BASIN FRUITLAND COAL

SHL: 1836' FNL and 1325' FWL  
SE/4 NW/4 Sec 29, T31N, R4W

BHL: 1282' FSL and 2289' FWL  
SE/4 SW/4 Sec 29, T31N, R4W

Rio Arriba, NM

API # 30-039-27819

Elevation: 6871' GR

Pumping Unit  
Dansco 114-143-64

Spud: 06/03/07

Completed: 07/26/07

1st Delivery: 08/02/07

Pump Install: 10/19/11

Horizontal: 10/19/11

Top	Depth
Ojo Alamo	3133'
Kirtland	3254'
Fruitland	3549'
Pictured Cliffs	3737'

94 jts 7", 23#, J-55, 8rd  
LT&C csg Set @  
3621'

Mill Window @ 3572'

5-1/2" x 7" H Latch  
Liner Hanger @ 3520'

Under ream 6-1/4" to 9-1/2"  
from 3621' - 3824'

OPEN HOLE  
Original TD 3819'

8 jts 9-5/8", 36#, K-55, 8rd,  
ST&C csg Set @ 339'

Land well @ 3777' as follows bottom up: open  
ended Mud Anchor, Seat Nipple, & 116 Jts of 2-  
7/8" 6.5# J-55 8RD EUE, F-Nipple @ 3752'. 200'  
of 1/4" Chemical Cap String attached to the outside  
of tubing.

Window Cut @ 3274'-3286' MD

TD @ 5794' MD

TVD @ 3697'

PBTD @ 5735' MD

56 jts preperf (28, 0.50" holes p/ft) and 1 jt  
unperforated jt 4-1/2", 11.6#, J-55, LT&C, 8rd, csg.  
Land liner @ 5735' TMD, 3695' TVD. TOL @  
3292' MD. Top perf @ 3342, bottom perf @ 5730'

Rod String: PRO Pump, 8 - 1-1/4" Norris  
Sinker Bars, 22 - 3/4" Guided API Grade D  
Rods (4 guides per rod), 119 - 3/4" Unguided  
API Grade D Rods, 1 - (4') 3/4" Unguided API  
Grade D Pony Rod, one 1-1/4" X 22' Polish  
Rod & one 1-1/2" X 10' Polish Rod Liner.

Insert Pump: 2-1/2" X 1-1/2" X 16'  
RWAC

7 jts 5-1/2", 17#, N-80 csg  
@ 3520' - 3807'.

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sx	212 cu ft.	Surface
8-3/4"	7", 23#	550 sx	1005 cu. ft.	Surface
6-1/4"	5-1/2", 17#	NONE	NA	NA

BM 10/24/2011