

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SUBMIT IN DUPLICATE

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

(See other instructions on
reverse side)

ARMINGTON FIELD OFFICE
Bureau of Land Management

5. LEASE DESIGNATION AND LEASE NO
NMSF-078771
6. IF INDIAN, ALLOTTEE OR

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	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				NMMN 78407X						
2	NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY					8 FARM OR LEASE NAME, WELL NO Rosa Unit #009D						
3	ADDRESS AND TELEPHONE NO P O Box 640, Aztec, NM 87410 (505) 634-4208					9 API WELL NO 30-039-31047-0001						
4	LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* SURF 1285' FNL & 2210' FWL BHL 1993' FNL & 1454' FWL SEC 11 31N 6W					10 FIELD AND POOL, OR WILDCAT Basin DK						
15 DATE SPUDDED 6/4/11			16 DATE T D REACHED 6/13/11		17 DATE COMPLETED (READY TO PRODUCE) 8/4/11		14 PERMIT NO	DATE ISSUED	12 COUNTY OR Rio Arriba	13 STATE New Mexico		
18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6427' GR			19 ELEVATION CASING HEAD		20 TOTAL DEPTH, 8245' MD 8076' TVD			21 PLUG, BACK T D, MD & TVD 8219' MD 8050' TVD	22 IF MULTICOMP, HOW MANY 2	23 INTERVALS DRILLED BY	ROTARY TOOLS x	CABLE TOOLS
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Basin DK 8118'-8190'										25 WAS DIRECTIONAL SURVEY MADE Yes		
26 TYPE ELECTRIC AND OTHER LOGS Array Induction, Spectral Density/Dual Spaced Neutral, GR, 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	
9-5/8", K-55			36#		338'		12 1/4"		165 SX - SURFACE		30 bbls.	
7", K-55			23#		3876'		8 3/4"		495 SX SURFACE		55 bbls.	
4 1/2", N-80			11 6#		8245'		6-1/4"		445 SX -2770'			
29 LINER RECORD												
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30 TUBING RECORD		
										SIZE 2 3/8", 4 7/8", N-80, EUE 8rd		
										DEPTH SET (MD) 8146'		
										PACKER SET (MD) none		
32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC												
DEPTH INTERVAL (MD)												
AMOUNT AND KIND OF MATERIAL USED												
8118'-8190'												
Frac Dakota With 5,000 # of 100 mesh, followed with 103,900 # of 30/70 PSA sand												
33 PRODUCTION MV/DK COMMINGLED PER AZT- 3629												
DATE OF FIRST PRODUCTION 8/19/11			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		
FLOW TBG PRESS		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL - BBL		GAS - MCF		WATER - BBL		
										GAS-OIL RATIO		
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) TO BE SOLD										TEST WITNESSED BY		
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 Higgins

TITLE PERMIT SUPV

NMOCD

DATE 8/23/11

ACCEPTED FOR RECORD

AUG 24 2011

FARMINGTON FIELD OFFICE
BY *SCW*

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	3600'	3233'
						CLIFFHOUSE	5620'	5457'
						MENEFEE	5668'	5505'
						POINT LOOKOUT	5902'	5739'
						MANCOS	6380'	6214'
						DAKOTA	8116'	7947'

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WELL COMPLETION OR RECOMPLETION REPORT						5 LEASE DESIGNATION AND LEASE NO NMSF-078771	
6 IF INDIAN, ALLOTTEE OR UNIT AGREEMENT NAME Rosa Unit						7 UNIT AGREEMENT NAME Rosa Unit	
8 FARM OR LEASE NAME, WELL NO Rosa Unit #009D						9 API WELL NO 30-039-31047-0002	
10 FIELD AND POOL, OR WILDCAT Blanco MV						11 COUNTY OR Rio Arriba	
12 STATE New Mexico						13 STATE New Mexico	
14 PERMIT NO						DATE ISSUED	
15 DATE SPUD 6/4/11						16 DATE T D REACHED 6/13/11	
17 DATE COMPLETED (READY TO PRODUCE) 8/4/11						18 ELEVATIONS (DK, RKB, RT, GR, ETC) * 6427' GR	
19 ELEVATION CASINGHEAD						20 TOTAL DEPTH 8245' MD 8076' TVD	
21 PLUG, BACK T D, MD & TVD 8219' MD 8050' TVD						22 IF MULTICOMP, HOW MANY 2	
23 INTERVALS DRILLED BY						24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) * Blanco MV 5508'-6296'	
25 WAS DIRECTIONAL SURVEY MADE Yes						26 TYPE ELECTRIC AND OTHER LOGS Array Induction, Spectral Density/Dual Spaced Neutral, GR, 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	
9-5/8", K-55		36#		338'		12 1/4"	
7", K-55		23#		3876'		8 3/4"	
4 1/2", N-80		11 6#		8245'		6-1/4"	
29 LINER RECORD		30 TUBING RECORD		SIZE		DEPTH SET (MD)	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
2 3/8", 4 7/8", N-80, EUE 8rd		8146'		none		32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
MV 3rd Stage - 21, 0.34" holes		MV 2nd Stage - 27, 0.34" holes		MV 1st Stage - 22, 0.34" holes		33 PRODUCTION MV/DK COMMINGLES PER AZT- 3629	
DATE OF FIRST PRODUCTION 8/19/11		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing		WELL STATUS (PRODUCING OR SHUT IN) PR		34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc) TO BE SOLD	
DATE OF TEST		TESTED		CHOKE SIZE		PROD'N FOR TEST PERIOD	
FLOW TBG PRESS		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL - BBL	
GAS - MCF		WATER - BBL		OIL GRAVITY-API (CORR)		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 <i>Carly Hagan</i>		TITLE PERMIT SUPERVISOR		DATE 8/23/11	

ACCEPTED FOR RECORD

NMOCD

AUG 24 2011

FARMINGTON FIELD OFFICE
BY *SW*

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	3388'	3233'
						CLIFFHOUSE	5620'	5457'
						MENEFEE	5668'	5505'
						POINT LOOKOUT	5902'	5739'
						MANCOS	6380'	6214'
						DAKOTA	8116'	7947'