

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		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		8. FARM OR LEASE NAME, WELL NO Rosa Unit #189	
2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		9. API WELL NO 30-039-30186 -6001	
3 ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208		10. FIELD AND POOL, OR WILDCAT Basin Dakota	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At Surface: 1455' FNL & 1455' FEL, sec 21, T31N, R5W At top production interval reported below : Same At total depth: Same		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 21, T31N, R5W	
14 PERMIT NO		DATE ISSUED	
15 DATE SPUDDED 5-20-09		16 DATE T.D. REACHED 6-6-09	
17 DATE COMPLETED (READY TO PRODUCE) 8-1-09		18 ELEVATIONS (DK. RKB. RT.GR. ETC.)* 6589' GR	
20 TOTAL DEPTH, MD & TVD 8268'		21 PLUG. BACK T.D., MD & TVD 8259' MD	
22 IF MULTICOMP. HOW MANY 3*		23 INTERVALS DRILLED BY	
24 PRODUCING INTERVAL(S). OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN DAKOTA: 8148' - 8244' MD		25 WAS DIRECTIONAL SURVEY MADE No DIST. 3	
26 TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated 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#	312'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3928'	9-7/8"	630 SX - SURFACE	
5-1/2", N-80	17.0#	8264'	6-3/4"	375 SX - 3550' (CBL)	
29 LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	PACKER SET (MD)
				2.375", 4.7#, J-55, EUE 8rd	8213' none
31 PERFORATION RECORD (Interval, size, and number) Dakota: 8148' - 8244' Total of 63, 0.34" holes			32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 8148' - 8244' Amount and Kind of Material Used Fraced with 6484# 100 mesh BASF followed with 73,279# 40/70 mesh BASF		

33 PRODUCTION MESAVARDE, BASIN MANCOS AND BASIN DAKOTA FORMATIONS COMMINGLED AND PRODUCING UNDER AUTHORIZATION DHC AZT 3192							
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 7-21-09	TESTED 1 hr	CHOKE SIZE 2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 2 lb.	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 354 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 Walter Riley TITLE Regulatory Specialist DATE 8/4/09

NMOCD

FARMINGTON FIELD  
BY [Signature]

AUG 05 2009

ACCEPTED FOR FILING

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	3432'	
						CLIFFHOUSE	5684'	
						MENEFEE	5727'	
						POINT LOOKOUT	5929'	
						MANCOS	6327'	
						DAKOTA	8148'	

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

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Bureau of Land Management  
Farmington Field Office

1a	TYPE OF WELL	OIL WELL	<input checked="" type="checkbox"/> GAS WELL	DRY	OTHER
b	TYPE OF COMPLETION	<input checked="" type="checkbox"/> 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: 1455' FNL & 1455' FEL, sec 21, T31N, R5W At top production interval reported below: Same At total depth: Same			
5	LEASE DESIGNATION AND LEASE NO	NMSF-078769			
6	IF INDIAN ALLOTTEE OR	Report to lease			
7	UNIT AGREEMENT NAME	Rosa Unit			
8	FARM OR LEASE NAME, WELL NO	Rosa Unit #189			
9	API WELL NO	30-039-30186 -0003			
10	FIELD AND POOL, OR WILDCAT	Blanco Mesaverde			
11	SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	Sec 21, T31N, R5W			
12	COUNTY OR	Rio Arriba			
13	STATE	New Mexico			
14	PERMIT NO.	DATE ISSUED			
15	DATE SPUDDED	5-20-09			
16	DATE T.D. REACHED	6-6-09			
17	DATE COMPLETED (READY TO PRODUCE)	8-1-09			
18	ELEVATIONS (DK, RKB, RT, GR, ETC)*	6589' GR			
19	ELEVATION CASINGHEAD	RCVD AUG 6 '09			
20	TOTAL DEPTH, MD & TVD	8268'			
21	PLUG BACK T.D., MD & TVD	8259' MD			
22	IF MULTICOMP. HOW MANY	3*			
23	INTERVALS DRILLED BY	ROTARY TOOLS			
24	PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*	BLANCO MESAVERDE, 5460' - 6282' MD			
25	WAS DIRECTIONAL SURVEY MADE	No			
26	TYPE ELECTRIC AND OTHER LOGS RUN	Array Induction, Compensated 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#	312'	14-3/4"	290 SX - SURFACE			
	7-5/8", K-55	26.4#	3928'	9-7/8"	630 SX - SURFACE			
	5-1/2", N-80	17.0#	8264'	6-3/4"	375 SX - 3550' (CBL)			
29	LINER RECORD	30 TUBING RECORD						
	SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
						2.375", 4.7#, J-55, EUE 8rd	8213'	none
31	PERFORATION RECORD (Interval, size, and number)	32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC						
		DEPTH INTERVAL (MD)						
	CH/MEN: 5460'-5777' (57, 0.34 holes)	5460'-5777'						
	PT/LO: 5898'-6282' (64, 0.34 holes)	5898'-6282'						
		Frac w/5063# 20/40 BASF followed w/ 76,803# 20/40 BASF						
		Frac w/5044# 20/40 BASF followed w/ 75,317# 20/40 BASF						

33	PRODUCTION MESAVERDE, BASIN MANCOS AND BASIN DAKOTA FORMATIONS COMMINGLED AND PRODUCING UNDER AUTHORIZATION DHC AZT 3192								
	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	
	7-21-09	1 hr	2"						
	FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)	
	0	2 lb.				354 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	[Signature]			TITLE	Regulatory Specialist	DATE	8/4/09	

NMOCD

FARMINGTON FIELD OFFICE  
BY [Signature]

AUG 05 2009

ACCEPTED FOR RECORD

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	3432'	
						CLIFFHOUSE	5684'	
						MENEFEE	5727'	
						POINT LOOKOUT	5929'	
						MANCOS	6327'	
						DAKOTA	8148'	

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1a TYPE OF WELL 1 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: 1455' FNL & 1455' FEL, sec 21, T31N, R5W  
At top production interval reported below: Same  
At total depth: Same

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Bureau of Land Management  
Farmington Field Office

5 LEASE DESIGNATION AND LEASE NO.  
NMSF-078769

6 IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME

Rosa Unit

8 FARM OR LEASE NAME, WELL NO  
Rosa Unit #189

9 API WELL NO

30-039-30186-0002

10 FIELD AND POOL, OR WILDCAT  
Basin Mancos

11 SEC., T., R., M., OR BLOCK AND  
SURVEY OR AREA  
Sec 21, T31N, R5W

12 COUNTY OR 13. STATE  
Rio Arriba New Mexico

19. ELEVATION CASINGHEAD

RCVD AUG 6 '09

15 DATE 16 DATE T D 17 DATE COMPLETED (READY TO PRODUCE)  
SPUDDED REACHED  
5-20-09 6-6-09 8-1-09

14 PERMIT NO DATE ISSUED  
18. ELEVATIONS (DK, RKB, RT, GR, ETC) \*  
6589' GR

20 TOTAL DEPTH, MD & TVD 21 PLUG, BACK T.D., MD & TVD  
8268' 8259' MD

22 IF MULTICOMP, 23 INTERVALS  
HOW MANY DRILLED BY  
3\*

ROTARY TOOLS CABLE TOOLS  
x OIL CONS. DIV.

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM NAME (MD AND TVD)\*  
BASIN MANCOS: 7079' - 7515' MD

25. WAS DIRECTIONAL SURVEY MADE  
No DIST. 3

26 TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED  
No

Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector 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", J-55	40.5#	312'	14-3/4"	290 SX - SURFACE	
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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, EUE 8rd	8213'	none

31 PERFORATION RECORD (Interval, size, and number)

Uppr Mancos: 7079'-7300' (69, 0.34 holes)

Lwr Mancos: 7375'-7515' (45, 0.34 holes)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7079'-7300'	Frac w/4511# 100 mesh followed w/ 120,560# 40/70 BASF
7375'-7515'	Frac w/5590# 100 mesh followed w/ 78,870# 40/70 BASF

33 PRODUCTION MESAVERDE, BASIN MANCOS AND BASIN DAKOTA FORMATIONS COMMINGLED AND PRODUCING UNDER AUTHORIZATION DHC AZT 3192

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
7-21-09	1 hr	2"					
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0	2 lb.				354 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: [Signature] TITLE: Regulatory Specialist DATE: 8/4/09

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BY: [Signature]

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						NAME	MEASURED DEPTH	TRUE VERTICAL DEPTH
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