

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SUBMIT-IN
DUPLICATE

SEP 28 2009

(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	<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: 1075' FNL & 995' FEL, sec 9, T31N, R6W At top production interval reported below: 1809' FNL & 1859' FEL, sec 9, 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 #156D					
9	API WELL NO	30-045-34981-0001					
10	FIELD AND POOL, OR WILDCAT	Basin Dakota					
11	SEC., T, R, M, OR BLOCK AND SURVEY OR AREA	Sec 9, T31N, R6W					
12	COUNTY OR	San Juan					
13	STATE	New Mexico					
14	PERMIT NO	DATE ISSUED					
15	DATE SPUEDDED	7-4-09					
16	DATE T D REACHED	7-16-09					
17	DATE COMPLETED (READY TO PRODUCE)	9-26-09					
18	ELEVATIONS (DK, RKB, RT, GR, ETC)*	6447' GR					
19	ELEVATION CASINGHEAD						
20	TOTAL DEPTH, MD & TVD	8330' MD / 8122' TVD					
21	PLUG, BACK T D, MD & TVD	8322' MD / 8114' TVD					
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)*	BASIN DAKOTA. 8172'-8300' MD Commingled with Mesaverde and Mancos per AZT-3225					
25	WAS DIRECTIONAL SURVEY MADE	YES					
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#	3953'	9-7/8"	665 SX - SURFACE	
5-1/2", N-80	17 0#	8329'	6-3/4"	360 SX - 3685' (CBL)	

29 LINER RECORD				30 TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8", 4.7#, J-55 & N-80 EUE 8rd	8266'	none

31 PERFORATION RECORD (Interval, size, and number)				32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC			
Dakota Total of 93, 0 34" holes ✓				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED		
				8172'-8300'	Fraced with 5007# 100 mesh BASF followed with 81,618# 40/70 mesh BASF		
					RCVD OCT 7 '09		
					OIL CONS. DIV. DIST. 3		

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
9-25-09 ✓	3 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	550 lb				791 mcf/d ✓		

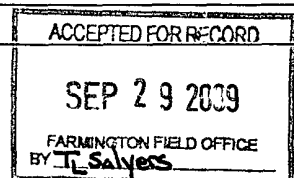
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc). TO BE SOLD

35 LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM, Directional EOW report

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

SIGNED Larry Higgins TITLE Drilg COM DATE 9-28-09

NMOCD
16



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	3455'	3250'
						LEWIS	3739'	3532'
						CLIFFHOUSE	5657'	5449'
						MENEFEE	5707'	5499'
						POINT LOOKOUT	5940'	5732'
						MANCOS	6469'	6261'
						DAKOTA	8171'	7963'

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SEP 28 2009
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DUPLICATE
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FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

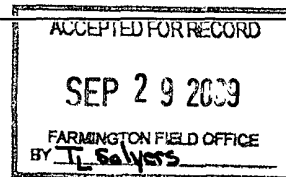
1a. TYPE OF WELL. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER				5 LEASE DESIGNATION AND LEASE NO NMSF-078765	
b. TYPE OF COMPLETION <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER				6 IF INDIAN, ALLOTTEE OR	
2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY				7 UNIT AGREEMENT NAME Rosa Unit	
3 ADDRESS AND TELEPHONE NO P O. Box 640, Aztec, NM 87410 (505) 634-4208				8 FARM OR LEASE NAME, WELL NO Rosa Unit #156D	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 1075' FNL & 995' FEL, sec 9, T31N, R6W At top production interval reported below: 1809' FNL & 1859' FEL, sec 9, T31N, R6W At total depth: Same				9. API WELL NO 30-045-34981-0063	
				10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde	
				11 SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec 9, T31N, R6W	
15 DATE SPUDDED 7-4-09		16 DATE T D REACHED 7-16-09		14 PERMIT NO	DATE ISSUED
17 DATE COMPLETED (READY TO PRODUCE) 9-26-09		18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6447' GR		12 COUNTY OR San Juan	13 STATE New Mexico
20 TOTAL DEPTH, MD & TVD 8330' MD / 8122' TVD		21 PLUG, BACK T D, MD & TVD 8322' MD / 8114' TVD		19 ELEVATION CASINGHEAD RCVD OCT 7 '09	
22 IF MULTICOMP, HOW MANY 3*		23 INTERVALS DRILLED BY		ROTARY TOOLS x OIL (CONS. DIV.)	CABLE TOOLS
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE: 5670'-6194' MD Commingled with Mancos and Dakota per AZT-3225				25 WAS DIRECTIONAL SURVEY MADE YES DIST 2	
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#	3953'	9-7/8"	665 SX - SURFACE	
5-1/2", N-80	17.0#	8329'	6-3/4"	360 SX - 3685' (CBL)	
29 LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD
					SIZE 2.375", 4 7#, J-55 & N-80 EUE 8rd
					DEPTH SET (MD) 8266'
					PACKER SET (MD) none
31 PERFORATION RECORD (Interval, size, and number)			32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC		
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
<u>Upper Mesaverde:</u> Total of 54, 0.34" holes ✓			5670'-5898'	Fraced with 78,706# 20/40 mesh BASF	
<u>Lower Mesaverde:</u> Total of 64, 0.34" holes ✓			5918'-6194'	Fraced with 78,472# 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 9-25-09 ✓	TESTED 3 hr ✓
CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD
OIL - BBL	GAS - MCF
WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 550 lb
CALCULATED 24-HOUR RATE	
OIL - BBL	GAS - MCF 1284 mcf/d ✓
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	

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Craig Ward NMOC DATE 9-28-09



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	3455'	3250'
						LEWIS	3739'	3532'
						CLIFFHOUSE	5657'	5449'
						MENEFEE	5707'	5499'
						POINT LOOKOUT	5940'	5732'
						MANCOS	6469'	6261'
						DAKOTA	8171'	7963'

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

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FORM APPROVED
OMB NO 1004-0137
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SEP 28 2009

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	Report to lease
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY	8. FARM OR LEASE NAME, WELL NO. Rosa Unit #156D
3. ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208	9. API WELL NO 30-045-34981-0002
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	11. SEC, T, R, M, OR BLOCK AND SURVEY OR AREA Sec 9, T31N, R6W
	12. COUNTY OR San Juan
	13. STATE New Mexico
15. DATE SPUDDED 7-4-09	16. DATE T.D. REACHED 7-16-09
17. DATE COMPLETED (READY TO PRODUCE) 9-26-09	18. ELEVATIONS (DK, RKB, RT, GR, ETC)* 6447' GR
19. ELEVATION CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 8330' MD / 8122' TVD	21. PLUG BACK T.D., MD & TVD 8322' MD / 8114' 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: 7108'-7610' MD Commingled with Mesaverde and Dakota per AZT-3225	25. WAS DIRECTIONAL SURVEY MADE YES
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	
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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 & N-80 EUE 8rd	8266'	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 Mancos: Total of 72, 0.34" holes ✓		7108'-7338'	Fraced with 5037# 100 mesh BASF followed with 106,179# 40/70 mesh BASF RCVD OCT 7 '09
Lower Mancos: Total of 72, 0.34" holes ✓		7413'-7610'	Fraced with 5011# 100 mesh BASF followed with 102,985# 40/70 mesh BASF OIL CONS. DIV.

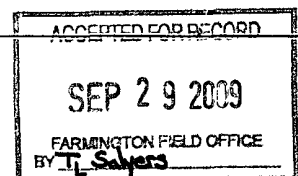
33 PRODUCTION		DIST 5					
DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing ✓			WELL STATUS (PRODUCING OR SI) SI - waiting on tie-in ✓		
DATE OF TEST 9-25-09 ✓	TESTED 3 hr	CHOKE SIZE 1/2"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 550 lb	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 1218 mcf/d ✓	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

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Larry Higgins TITLE Drilg COM DATE 9-28-09

NMOCD 86



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	3455'	3250'
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