

RECEIVED

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Bureau of Land Management
Farmington Field Office

AUG 13 2009
SUBMIT IN
DUPLICATE

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

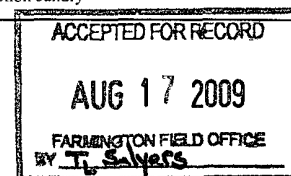
1a	TYPE OF WELL	OIL WELL	<input checked="" type="checkbox"/> GAS WELL	DRY	OTHER
b	TYPE OF COMPLETION	<input checked="" type="checkbox"/> NEW WELL WORKOVER DEEPEN PLUG BACK DIFF RESVR OTHER			
2	NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY				
3	ADDRESS AND TELEPHONE NO P.O. Box 640, Aztec, NM 87410 (505) 634-4208				
4	LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 2280' FNL & 820' FEL, sec 17, T31N, R6W At top production interval reported below : 913' FNL & 228' FEL, sec 17, T31N, R6W At total depth. Same				
5	LEASE DESIGNATION AND LEASE NO NMSF-078766				
6	IF INDIAN, ALLOTTEE OR				
7	UNIT AGREEMENT NAME Rosa Unit				
8	FARM OR LEASE NAME, WELL NO Rosa Unit #138D				
9	API WELL NO 30-045-34959-0003				
10	FIELD AND POOL, OR WILDCAT Blanco Mesa Verde				
11	SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec 17, T31N, R6W				
12	COUNTY OR San Juan		13 STATE New Mexico		
14	PERMIT NO		DATE ISSUED		
15	DATE SPUDDED 5-30-09	16 DATE T.D. REACHED 6-15-09	17 DATE COMPLETED (READY TO PRODUCE) 8-11-09	18. ELEVATIONS (DK, RKB, RT, GR, ETC)* 6333' GR	
19	TOTAL DEPTH, MD & TVD 8373' MD / 7971' TVD		21 PLUG, BACK T.D., MD & TVD 8360' MD	22 IF MULTICOMP. HOW MANY 3*	23 INTERVALS DRILLED BY
24	PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* Blanco Mesa Verde 5509' - 6314' MD				
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#	355'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	4034'	9-7/8"	680 SX - SURFACE	
5-1/2", N-80	17.0#	8370'	6-3/4"	390 SX - 3332' (CBL)	
29 LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD
					SIZE 2.375", 4.7#, J-55 EUE 8rd
31 PERFORATION RECORD (Interval, size, and number)				32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC	
CH/Men. 5509' - 5932' Total of 57, 0.34" holes				DEPTH INTERVAL (MD)	
PLO: 6010' - 6314' Total of 54, 0.34" holes				AMOUNT AND KIND OF MATERIAL USED	
				5509'-5932' Fraced with 73,307# 20/40 mesh BASE	
				6010'-6314' Fraced with 83,304# 20/40 mesh BASE	

33 PRODUCTION							
To be commingled with M & DK per AZT-3206							
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
8-11-09	2 hr	26/64"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	625 psi				900 mcf/d		
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD Note: Flow rest for all 3 zones						TEST WITNESSED BY Craig Ward	
35 LIST OF ATTACHMENTS. SUMMARY OF POROUS ZONES - NOTE - WELLBORE DIAGRAM, Directional EOW report attached to completion sundry							

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Carry Higgins TITLE Drig COM DATE 8-13-09

NMOCD



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	3592'	3194'
						LEWIS	3900'	3499'
						CLIFFHOUSE	5732'	5331'
						MENEFEE	5776'	5375'
						POINT LOOKOUT	6017'	5616'
						MANCOS	6527'	6125'
						DAKOTA	8255'	7853'

RECEIVED

AUG 19 2009
SUBMITTING
DUPLICATEIn Lieu of
Form 3160-4
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Bureau of Land Management
Farmington Field Office
(See OIL & GAS INSTRUCTIONS on
REVERSE SIDE)FORM APPROVED
OMB NO 1004-0137
Expires February 28, 19955 LEASE DESIGNATION AND LEASE NO
NMSF-078766

6 IF INDIAN ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHERb TYPE OF COMPLETION
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER2 NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY3 ADDRESS AND TELEPHONE NO
P.O. Box 640, Aztec, NM 87410 (505) 634-42084 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 2280' FNL & 820' FEL, sec 17, T31N, R6W
At top production interval reported below: 913' FNL & 228' FEL, sec 17, T31N, R6W
At total depth: Same7 UNIT AGREEMENT NAME
Rosa Unit

Report to lease

8. FARM OR LEASE NAME, WELL NO.
Rosa Unit #138D9 API WELL NO.
30-045-34959-000210. FIELD AND POOL, OR WILDCAT
Basin Mancos11 SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
Sec 17, T31N, R6W12 COUNTY OR 13 STATE
San Juan New Mexico15. DATE
SPUDDED
5-30-0916 DATE T D
REACHED
6-15-0917 DATE COMPLETED (READY TO PRODUCE)
8-11-0914 PERMIT NO
DATE ISSUED
18 ELEVATIONS (DK, RKB, RT, GR, ETC.)*
6333' GR

19 ELEVATION CASINGHEAD

20 TOTAL DEPTH MD & TVD
8373' MD / 7971' TVD21 PLUG, BACK T D, MD & TVD
8360' MD22 IF MULTICOMP.
HOW MANY
3*23 INTERVALS
DRILLED BYROTARY TOOLS
x

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND FVD)*
Basin Mancos 7210' - 7599' MD25 WAS DIRECTIONAL SURVEY MADE
YES

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#	355'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	4034'	9-7/8"	680 SX - SURFACE	
5-1/2", N-80	17.0#	8370'	6-3/4"	390 SX - 3332' (CBL)	

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	8305'	none

31 PERFORATION RECORD (Interval, size, and number)

Upper Mancos 7210' - 7400' Total of 60, 0 34" holes ✓

Lower Mancos 7493' - 7599' Total of 48, 0 34" holes ✓

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7210'-7400'	Fraced with 9,498# 100 mesh BASF followed with 94,691# 40/70 mesh BASF RCVD AUG 18 '09
7493'-7599'	Fraced with 4,718# 100 mesh BASF followed with 84,215# 40/70 BASF OIL CONS. DIV.

33 PRODUCTION

To be commingled with MV & DK per AZT-3206

DIST. 3

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
8-11-09	2 hr	26/64"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL – BBL	GAS – MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	625 psi				900 mcf/d ✓		

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD Note Flow rest for all 3 zones

TEST WITNESSED BY Craig Ward

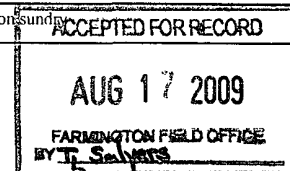
35 LIST OF ATTACHMENTS

SUMMARY OF POROUS ZONES - NOTE WELLBORE DIAGRAM. Directional EOW report attached to completion summary

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

SIGNED Larry Haggis TITLE Dirg COM DATE 8-13-09

NMOCD



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	3592'	3194'
						LEWIS	3900'	3499'
						CLIFFHOUSE	5732'	5331'
						MENEFEE	5776'	5375'
						POINT LOOKOUT	6017'	5616'
						MANCOS	6527'	6125'
						DAKOTA	8255'	7853'

AUG 13 2009

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bureau of Land Management
Farmington Field Office

(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
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			
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 2280' FNL & 820' FEL, sec 17, T31N, R6W At top production interval reported below 913' FNL & 228' FEL, sec 17, T31N, R6W At total depth Same				
14	PERMIT NO	DATE ISSUED			
15	DATE SPUDDED 5-30-09	16	DATE T.D. REACHED 6-15-09	17	DATE COMPLETED (READY TO PRODUCE) 8-11-09
18	ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6333' GR		19		
20	TOTAL DEPTH, MD & TVD 8373' MD / 7971' TVD		21	PLUG BACK T.D., MD & TVD 8360' MD	
22	IF MULTICOMP. HOW MANY 3*		23	INTERVALS DRILLED BY	
24			25		
PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN DAKOTA 8255' - 8339' MD			WAS DIRECTIONAL SURVEY MADE YES		
26			27		
TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated Gamma Ray-Density-Neutron, Temperature, Ultra Sonic Gas Detector and CBL			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#	355'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26 4#	4034'	9-7/8"	680 SX - SURFACE	
5-1/2", N-80	17 0#	8370'	6-3/4"	390 SX - 3332' (CBL)	
29 LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD
					SIZE 2 3/4", 4 7/8", J-55 EUE 8rd
31 PERFORATION RECORD (Interval, size, and number) Dakota 8255' - 8339' Total of 75, 0 34" holes				32 ACID, SHOT FRACTURE CEMENT SQUEEZE ETC	
				DEPTH INTERVAL (MD)	
				AMOUNT AND KIND OF MATERIAL USED	
				8255'-8339'	
				Fraced with 4,590# 100 mesh BASE followed with 119,910# 40/70 mesh BASF	
				DIST. 3	

33 PRODUCTION							
To be commingled with MV & MC per AZT-3206							
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 8-11-09	TESTED 2 hr	CHOKE SIZE 26/64"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 0	CASING PRESSURE 625 psi	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 900 mcf/d	WATER - BBL	OIL GRAVITY-API (CORR.)

34	DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TO BE SOLD	Note Flow rest for all 3 zones	TEST WITNESSED BY Craig Ward
35	LIST OF ATTACHMENTS SUMMARY OF POROUS ZONES - NOTE: WELLBORE DIAGRAM, Directional EOW report attached to completion summary		

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 8-13-09

NMOCD

ACCEPTED FOR RECORD

AUG 17 2009

FARMINGTON FIELD OFFICE
By T. Solverson

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	3592'	3194'
						LEWIS	3900'	3499'
						CLIFFHOUSE	5732'	5331'
						MENEFEE	5776'	5375'
						POINT LOOKOUT	6017'	5616'
						MANCOS	6527'	6125'
						DAKOTA	8255'	7853'