

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

5 LEASE DESIGNATION AND LEASE NO.
NMSF-078767 **078772**

6 IF INDIAN, ALLOTTEE OR

7 UNIT AGREEMENT NAME

Rosa Unit

Need CA

8 FARM OR LEASE NAME, WELL NO

Rosa Unit COM #90C

9 API WELL NO

30-045-34278-**0001**

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11 SEC., T, R, M, OR BLOCK AND
SURVEY OR AREA
Sec 33, T32N, R6W

12 COUNTY OR

San Juan

13 STATE

New Mexico

19 ELEVATION CASINGHEAD

15 DATE
SPUDDED
10-1-09

16 DATE T D
REACHED
10-17-09

17 DATE COMPLETED (READY TO PRODUCE)
11-21-09

14 PERMIT NO

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6383' GR

20 TOTAL DEPTH, MD & TVD
8405' MD / 8012' TVD

21 PLUG, BACK T D, MD & TVD
8399' MD / 8006' TVD

22 IF MULTICOMP,
HOW MANY
3*

23 INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

BASIN DAKOTA. 8300' - 8392' MD Commingled with Mesaverde and Mancos per AZT-3281

25 WAS DIRECTIONAL SURVEY MADE

YES

26 TYPE ELECTRIC AND OTHER LOGS RUN

Array Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Detector and CBL

27 WAS WELL CORED

No

28 CASING REPORT (Report all strings set in well) NOTE production casing is mixed string of 51 jts 4-1/2" (6433'-8405') & 169 jts 5-1/2" (surface-6433')

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#	314'	14-3/4"	290 SX - SURFACE	
7-5/8", K-55	26.4#	3988'	9-7/8"	1040 SX - SURFACE	
5-1/2", N-80	17 0#	SEE BELOW	9-7/8"	SEE BELOW	
4-1/2", N-80	11 6#	8405'	6-3/4"	590 SX - 1950' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/5", 4.7#, J-55 & N-80 EUE 8rd	8295'	none

31 PERFORATION RECORD (Interval, size, and number)

Dakota Total of 72, 0.34" holes ✓

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL
(MD)

AMOUNT AND KIND OF MATERIAL USED

8300' - 8392'

Fraced with 5051# 100 mesh BASF followed with 85,363# 40/70 mesh BASF

RCVD DEC 1 '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	PRODN FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
11-19-09 ✓	2 hr	1/2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	620 lb				892 mcf/d ✓		

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,

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

SIGNED Larry Higgins TITLE Drlg COM DATE 11/23/09

NMOCD

ACCEPTED FOR RECORD

NOV 30 2009

FARMINGTON FIELD OFFICE
BY T. Salazar

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
						LEWIS	3856'	3487'
						CLIFFHOUSE	5766'	5393'
						POINT LOOKOUT	6011'	5638'
						MANCOS	6499'	6126'
						GRANEROS	8161'	7783'
						DAKOTA	8299'	7913'

RECEIVED

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

NOV 23 2009
SUBMIT IN
DUPLICATE
Bureau of Land Management
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*						6 IF INDIAN, ALLOTTEE OR	
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						Need CA	
2 NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY						8 FARM OR LEASE NAME, WELL NO Rosa Unit COM #90C	
3 ADDRESS AND TELEPHONE NO P O. Box 640, Aztec, NM 87410 (505) 634-4208						9. API WELL NO 30-045-34278-0002	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface 1655' FNL & 1855' FEL, sec 33, T32N, R6W At top production interval reported below 859' FNL & 950' FEL, sec 33, T32N, R6W At total depth: Same						10. FIELD AND POOL, OR WILDCAT Basin Mancos	
						11 SEC., T, R, M, OR BLOCK AND SURVEY OR AREA Sec 33, T32N, R6W	
				14 PERMIT NO	DATE ISSUED	12 COUNTY OR San Juan	13 STATE New Mexico
15 DATE SPUDED 10-1-09	16 DATE T D REACHED 10-17-09	17 DATE COMPLETED (READY TO PRODUCE) 11-21-09		18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6383' GR.		19 ELEVATION CASINGHEAD	
20 TOTAL DEPTH, MD & TVD 8405' MD / 8012' TVD		21 PLUG, BACK T D, MD & TVD 8399' MD / 8006' TVD		22 IF MULTICOMP, HOW MANY 3*	23 INTERVALS DRILLED BY	ROTARY TOOLS x	CABLE TOOLS
24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BASIN MANCOS 7200'-7730' MD Commingled with Mesaverde and Dakota per AZT-3281						25 WAS DIRECTIONAL SURVEY MADE YES	
26 TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Compensated Gamma Ray-Density-Neutron, Ultra Sonic Gas Dector and CBL						27 WAS WELL CORED No	
28 CASING REPORT (Report all strings set in well) NOTE: production casing is mixed string of 51 jts 4-1/2" (6433'-8405') & 169 jts 5-1/2" (surface-6433')							
CASING SIZE/GRADE		WEIGHT, LB / FT		DEPTH SET (MD)		HOLE SIZE	
10-3/4", J-55		40.5#		314'		14-3/4"	
7-5/8", K-55		26.4#		3988'		9-7/8"	
5-1/2", N-80		17 0#		SEE BELOW		9-7/8"	
4-1/2", N-80		11.6#		8405'		6-3/4"	
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 7/8, J-55 & N-80 EUE 8rd	8295'	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 MC Total of 75, 0 34" holes ✓				7200'-7440'		Fraced with 4993# 100 mesh BASF followed with 117,602# 40/70 mesh BASF	
Lower MC Total of 78, 0 34" holes ✓				7490'-7730'		Fraced with 6045# 100 mesh BASF followed with 99,824# 40/70 BASF	
33 PRODUCTION				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 11-19-09 ✓	TESTED 2 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 620 lb	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 1375 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,						ACCEPTED FOR RECORD	
36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						NOV 30 2009	
SIGNED <i>Larry Hays</i>				TITLE Drlg COM		DATE 11/23/09	
				NMOC		FARMINGTON FIELD OFFICE BY T. Saliers	

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
						LEWIS	3856'	3487'
						CLIFFHOUSE	5766'	5393'
						POINT LOOKOUT	6011'	5638'
						MANCOS	6499'	6126'
						GRANEROS	8161'	7783'
						DAKOTA	8299'	7913'