

In Lieu of
Form 3160-4
(July 1992)

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-078770

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED

7 UNIT AGREEMENT NAME
Rosa Unit

Report Mancos production to lease

1a TYPE OF WELL 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: 755' FSL & 880' FWL, sec 27, T31N, R5W
At top production interval reported below : 1714' FSL & 2424' FWL, sec 27, T31N, R5W ✓
At total depth. Same

8 FARM OR LEASE NAME, WELL NO
Rosa Unit #6C

9 API WELL NO
30-039-30181-0001

10 FIELD AND POOL, OR WILDCAT
Basin Mancos

11 SEC., T, R, M, OR BLOCK AND
SURVEY OR AREA
Sec 27, T31N, R5W

12 COUNTY OR 13 STATE
Rio Arriba New Mexico

15 DATE SPUNDED 9-7-08 16 DATE T D REACHED 9-28-08 17 DATE COMPLETED (READY TO PRODUCE) 7-2-09 Mancos Completion

14 PERMIT NO DATE ISSUED
18 ELEVATIONS (DK, RKB, RT, GR, ETC)* 6782' GR

19 ELEVATION CASINGHEAD
RCVD JUL 13 '09

20 TOTAL DEPTH, MD & TVD 8905' MD / 8433' TVD 21 PLUG, BACK T D, MD & TVD 8894' MD / 8422' TVD

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

ROTARY TOOLS CABLE TOOLS
X OIL CONS. DIV.

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BASIN MANCOS 7735' - 8200' MD Dakota isolated with CIBP @ 8250' * Mesaverde to be completed at later date

25 WAS DIRECTIONAL SURVEY MADE
YES DIST. 3

26 TYPE ELECTRIC AND OTHER LOGS RUN
RST 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", K-55	40 5#	315'	14-3/4"	250 SX - SURFACE	
7-5/8"	26 4#	4611'	9-7/8"	825 SX - SURFACE	
5-1/2", N-80	17 0#	8903'	6-3/4"	180 SX - 5200' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30 TUBING RECORD SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2.375", 4 7#, J-55 & N-80, EUE 8rd	8015'	none

31 PERFORATION RECORD (Interval, size, and number)

Mancos 2nd 7735'-7955' Total of 39, 0.34" holes

Mancos 1st 8015'-8200' Total of 39, 0.34" holes

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7735' - 7955'	Fraced with 5100# 100 mesh BASF followed w/187,400# 40/70 white ottowa sand
8015' - 8200'	Fraced with 5100# 100 mesh white sand followed w/200,300# 40/70 BASF

33 PRODUCTION

DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)		
	Flowing				flowing		
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
7-2-09	10 hr	2"					
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR)
0	17 oz				623 mcf/d		

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

NMCCD

TEST WITNESSED BY: Buddy Banks
ALL-FILED FOR RECORD

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 Drig COM DATE 7-7-09

JUL 09 2009
FARMINGTON FIELD OFFICE
BY TL SANCOS

07/16

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	4143'	3674'
						LEWIS	4420'	3949'
						CLIFFHOUSE	6322'	5851'
						MENEFEE	6366'	5895'
						POINT LOOKOUT	6567'	6096'
						MANCOS	7034'	6563'
						DAKOTA	8782'	8310'

ROSA UNIT #6C
BLANCO MV / BASIN MANCOS / BASIN DK

Surface Location
 755' FSL and 880' FWL
 SW/4 SW/4 Sec 27 (M), T31N, R05W
 Rio Arriba, NM

Bottom Hole Location
 1714' FSL and 2424' FWL
 NE/4 SW/4 Sec 27 (K), T31N, R05W
 Rio Arriba, NM

Elevation: 3782' GR
 API # 30-039-30181

Spud 09/07/08
 DK Completed: 10/27/08
 MC Completed: 07/02/09
 MV Complete: 00/00/00
 1st Delivery: 11/08/08

Top	MD Depth	TVD Depth
Pictured Cliffs	4143'	3674'
Lewis	4420'	3949'
Cliffhouse Ss	6322'	5851'
Menefee	6366'	5895'
Point Lookout	6567'	6096'
Mancos	7034'	6563'
Dakota	8782'	8310'

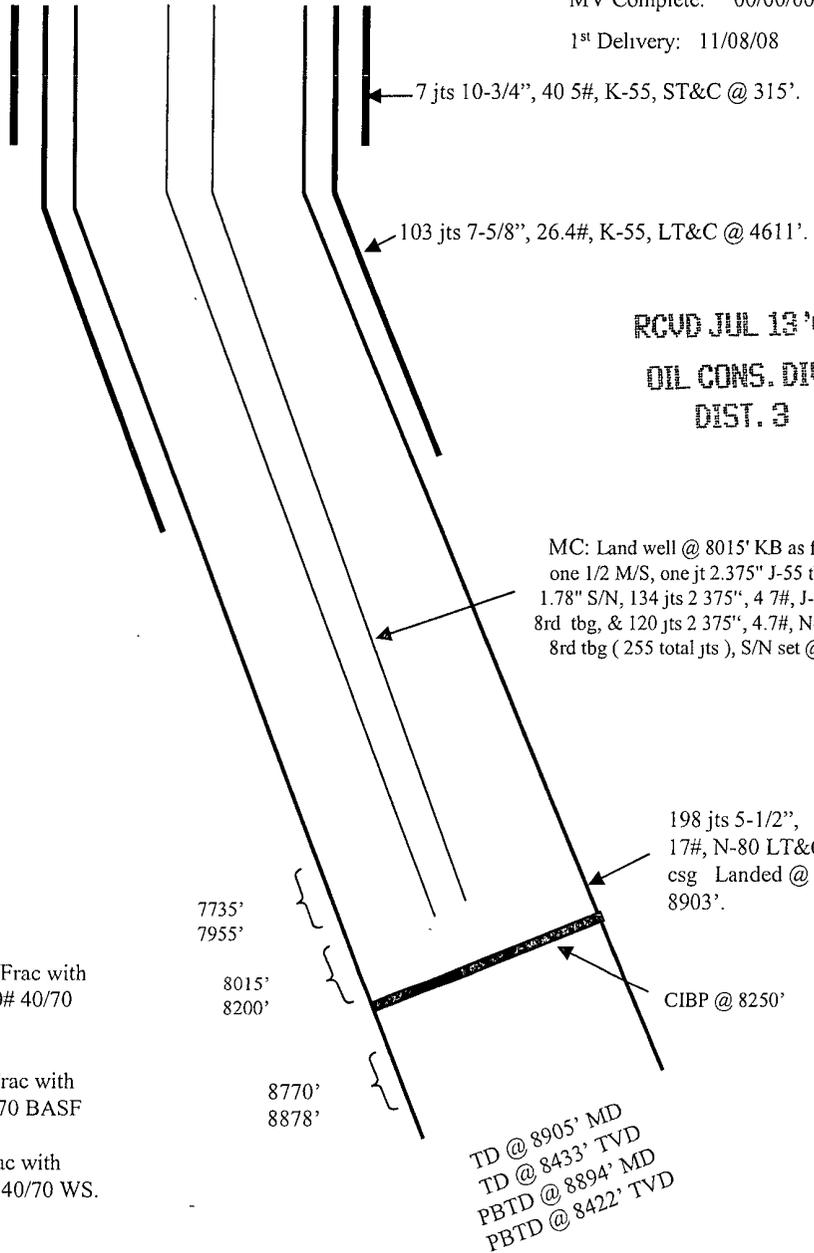
Stimulation:

NOTE: Mancos only flowing at this time

Mancos 2nd 7735'-7955' (39, 0.34" holes) Frac with 5100# 100 mesh BASF follow with 187,400# 40/70 white ottowa sand

Mancos 1st: 8015'-8200' (39, 0.34" holes) Frac with 5100# white sand follow with 200,300# 40/70 BASF

Dakota: 8770' - 8878' (57, 0.34" holes) Frac with 7500# 100 mesh WS, follow with 118,400# 40/70 WS.



RCVD JUL 13 '09
OIL CONS. DIV.
DIST. 3

Hole Size	Casing	Cement	Volume	Top of Cmt
14-3/4"	10-3/4", 40.5#	250 sxs	347 cu.ft.	Surface
9-7/8"	7-5/8", 26.4#	825 sxs	1669 cu.ft.	Surface
6-3/4"	5-1/2", 17#	180 sxs	443 cu.ft.	5200' CBL