

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-078771

6 IF INDIAN ALLOTTEE OR

7 UNIT AGREEMENT NAME
Rosa Unit

8 FARM OR LEASE NAME, WELL NO.
Rosa Unit #5C

9. API WELL NO
30-039-30178

10. FIELD AND POOL, OR WILDCAT
Basin Mancos

11 SEC. T. R. M. OR BLOCK AND
SURVEY OR AREA
NW/4 SE/4, Sec 26, T31N, R6W

12. COUNTY OR
Rio Arriba

13 STATE
New Mexico

19 ELEVATION CASINGHEAD
RCVD AUG 6 '09

25 WAS DIRECTIONAL SURVEY MADE
YES DIST 3

27. WAS WELL CORED
No

CORRECTED
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER

b TYPE OF COMPLETION
NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☒ X 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: 1845' FSL & 1735' FEL, sec 26, T31N, R6W
At top production interval reported below : Same
At total depth: Same

14. PERMIT NO

DATE ISSUED

15 DATE
SPUDDED
6-11-08

16 DATE T D
REACHED
7-14-08

17 DATE COMPLETED (READY TO PRODUCE)
11-24-08

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6419' GR

20 TOTAL DEPTH, MD & TVD
8242' MD

21 PLUG, BACK T.D., MD & TVD
8190'

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 6155' - 7759' CIBP set @ 7835' to isolate Dakota * Mesaverde to be completed at later date

26 TYPE ELECTRIC AND OTHER LOGS RUN
Array Induction, Gamma Ray-Density-Neutron, Compensated Dual Neutron, Reservoir Tool, Cement Bond Log

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
20", X-52	94#	419'	26"	818 SX - SURFACE	
10-3/4", K-55	45.5#	3759'	14-3/4"	2260 SX - SURFACE	
5-1/2", N-80	17.0#	8232'	6-3/4"	638 SX - 3500' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
7-5/8", 26.4#, K-55	3533"	5973'	400 sx TOC - 3860' (CBL)	

30 TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875", 6.5#, J-55, EUE 8rd	7412'	none

31 PERFORATION RECORD (Interval, size, and number)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6155'-6305'	Fraced with 5100# 100 mesh BASF followed with 161,300# 40/70 BASF
6530'-6780'	Fraced with 8800# 100 mesh BASF followed with 137,200# 40/70 BASF
6845' - 7015'	Fraced w/ 9,380# 100 mesh WS followed w/180,040# 40/70 WS
7055' - 7250'	Fraced w/ 11,400# 100 mesh WS followed with 134,000 40/70 WS
7275' - 7400'	Fraced w/ 7,640# 100 mesh WS followed w/117,654# 40/70 WS
7625' - 7675'	Fraced w/ 7,760# 100 mesh WS followed w/7,966# 40/70 WS
7715' - 7759'	Fraced w/ 8,500# 100 mesh WS followed w/89,020# 40/70 WS

33 PRODUCTION. This report is being corrected to change the pool name from Laguna Seca Gallup to Basin Mancos pursuant to Order #R-13063 effective 1/1/09

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
11-29-08

TESTED
6 0 hr

CHOKE SIZE
16/64"

PRODN FOR TEST PERIOD

OIL - BBL

GAS - MCF

WATER - BBL

GAS-OIL RATIO

FLOW TBG PRESS
810 psi

CASING PRESSURE
n/a

CALCULATED 24-HOUR RATE

OIL - BBL

GAS - MCF
844 p/day

WATER - BBL

OIL GRAVITY-API (CORR)

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

TEST WITNESSED BY, Buddy Banks

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 Nathan Riley TITLE Regulatory Specialist DATE 8/5/09

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
						KIRTLAND	2596'	
						FRUITLAND COAL	2971'	
						PICTURED CLIFFS	3240'	
						CLIFFHOUSE	3556'	
						MENEFEE	5450'	
						POINT LOOKOUT	5702'	
						MANCOS	6258'	
						DAKOTA	7885'	

ROSA UNIT #5C **BLANCO MESAVERDE/BASIN MANCOS/BASIN DK**

Location: 1845' FSL, 1735' FEL
 NW/4 SE/4 Section 26 (J), T31N, R6W
 Rio Arriba Co., NM
Elevation: 6419' GR
API: 30-039-30178

Spud Date 6-11-2008
Completed 8-1-2008 (DK)
 11-23-2008 (MCS)
ID'd: 8-5-2008 (DK)

Tops	Depth
Ojo Alamo	2490'
Kirtland	2596'
Pictured Cliffs	3240'
Cliff House	5406'
Point Lookout	5702'
Mancos	6258'
Dakota	7885'

Mesa Verde:
 To be completed at later date

Mancos:

6th stage: 6155'-6305' (45, 0.34" holes) Frac with 5100# 100 mesh BASF followed with 161,300# 40/70 BASF

5th stage: 6530'-6780' (48, 0.34" holes) Frac with 8800# 100 mesh BASF followed with 137,200# 40/70 BASF

4th stage: 6845'-7015' (69, 0.34" holes) Frac with 9380# 100 mesh white sand followed with 180,040# 40/70 white sand

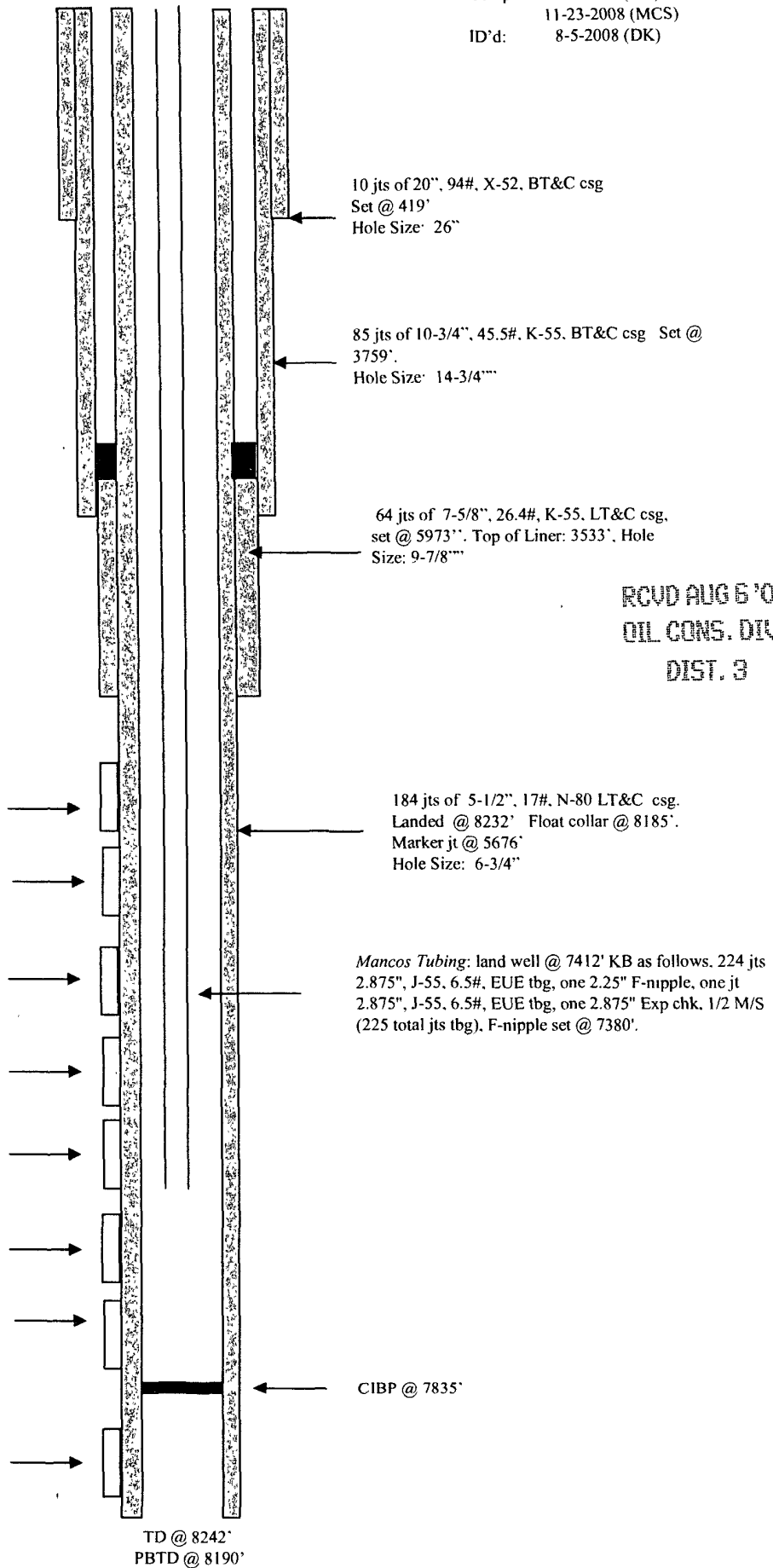
3rd stage: 7055'-7250' (60, 0.34" holes) Frac with 11,400# 100 mesh white sand followed with 134,000# 40/70 white sand

2nd stage: 7275'-7400' (57, 0.34" holes) Frac with 7,640# 100 mesh white sand followed with 117,654# 40/70 white sand

1st stage: 7625'-7675' (33, 0.34" holes) Frac with 7,760# 100 mesh white sand followed with 7,966# 40/70 white sand

Greenhorn: 7715'-7759' (30, 0.34" holes) Frac with 8,500# 100 white mesh sand followed with 89,020# 40/70 white sand

Dakota: 7887' - 8084' (57, 0.36" holes) Frac w/9900# LP108 14/40 followed w/3500# tempered LC 20/40.



RCVD AUG 6 '09
 OIL CONS. DIV.
 DIST. 3

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
26"	20"	818 sx	1323 cu.ft.	Surface
14-3/4"	10-3/4"	2260 sx	4563 cu.ft.	Surface
9-7/8"	7-5/8"	400 sx	854 cu.ft.	3860' (CBL)
6-3/4"	5 1/2"	280 sx	638 cu.ft.	3500' (CBL)