

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

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 ☒ 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. 2305' FNL & 2305' FEL, sec 30, T31N, R5W
At top production interval reported below.
At total depth:

15 DATE
SPUDDED
4-13-08

16 DATE T D
REACHED
6-6-08

17 DATE COMPLETED (READY TO PRODUCE)
5/22/10

20 TOTAL DEPTH, MD & TVD
8243' MD

21 PLUG, BACK T D., MD & TVD
8174' 8196'

24 PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MESAVERDE 5433' - 5906'

26 TYPE ELECTRIC AND OTHER LOGS RUN

14 PERMIT NO

DATE ISSUED

18 ELEVATIONS (DK, RKB, RT, GR, ETC)*
6385' GR

22 IF MULTICOMP,
HOW MANY
3*

23 INTERVALS
DRILLED BY

11. SEC., T, R, M., OR BLOCK AND
SURVEY OR AREA
SW/4 NE/4, Sec 30, T31N, R5W

12 COUNTY OR
Rio Arriba

13 STATE
New Mexico

19 ELEVATION CASINGHEAD
RCVD JUN 3 '10

ROTARY TOOLS
x OIL CONS. DIV.

25 WAS DIRECTIONAL SURVEY MADE
NO DIST. 3

27. WAS WELL CORED
Yes

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", K-55	94#	426'	26"	739 SX - SURFACE	
13-3/8", L-80	68#	3703'	17-1/2"	2000 SX - SURFACE	
5-1/2", N-80	17.0#	8243'	7-7/8"	850 SX - 3200' (CBL)	

29 LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
9-5/8", P-110, 47#	3480'	5969'	540 sx TOC - 3480' (CBL)		2.375", 4.7#, J-55, EUE 8rd	8024'	none

Mesaverde
2nd stage: (32, .34" holes)

1st stage: (54, .34" holes)

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

5433' - 5630'

Frac with 80,000# 20/40 BASF

5680' - 5906'

Frac with 80,000# 20/40 BASF

33 PRODUCTION ** MV, MC & DK COMMINGLED PER DHC3409AZT

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
		Flowing				PRODUCING	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	ACCEPTED FOR RECORD	
					1240 MCFD		

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

TEST WITNESSED BY Inspector

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 Walter Ray TITLE Regulatory Specialist Sr.

DATE 5/25/10

FARMINGTON FIELD OFFICE
BY SCJ

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	3228'	
						CLIFFHOUSE	5432'	
						MENEFEE	5474'	
						POINT LOOKOUT	5680'	
						MANCOS	6140'	
						DAKOTA	7898'	

ROSA UNIT #166B
BLANCO MESAVERDE/BASIN MANCOS/BASIN DK

Location: 2305' FNL, 2305' FEL
 SW/4 NE/4 Section 30 (G), T31N, R5W
 Rio Arriba Co , NM
Elevation: 6385' GR
API: 30-039-29841

Spud Date 4-13-2008
 Completed 6-30-2008 (DK)
 10-31-08 (MC)
 5-22-08
 ID'd 7-3-08 (DK)
 11-19-08 (MC)

Tops Depth

Ojo Alamo 2498'
 Kirtland 2632'
 Pictured Cliffs 3228'
 Cliff House 5432'
 Point Lookout 5680'
 Mancos 6140'
 Dakota 7898'

Mesa Verde:

2nd stage: 5433'-5630' (32, .34" holes) Frac with 80,000# 20/40 BASF

1st stage: 5680'-5906' (54, .34" holes) Frac with 80,000# 20/40 BASF

Mancos:

6th stage: 6290'-6470' (39, .34" holes) Frac w/7506# 100 mesh WS then 121,496# 40/70 WS

5th stage: 6923'-7075' (27, .34" holes) Frac w/8200# 100 mesh WS then 113,076# 40/70 WS

4th stage: 7140'-7310' (54, .34" holes) Frac w/8000# 100 mesh WS then 94,000# 40/70 WS

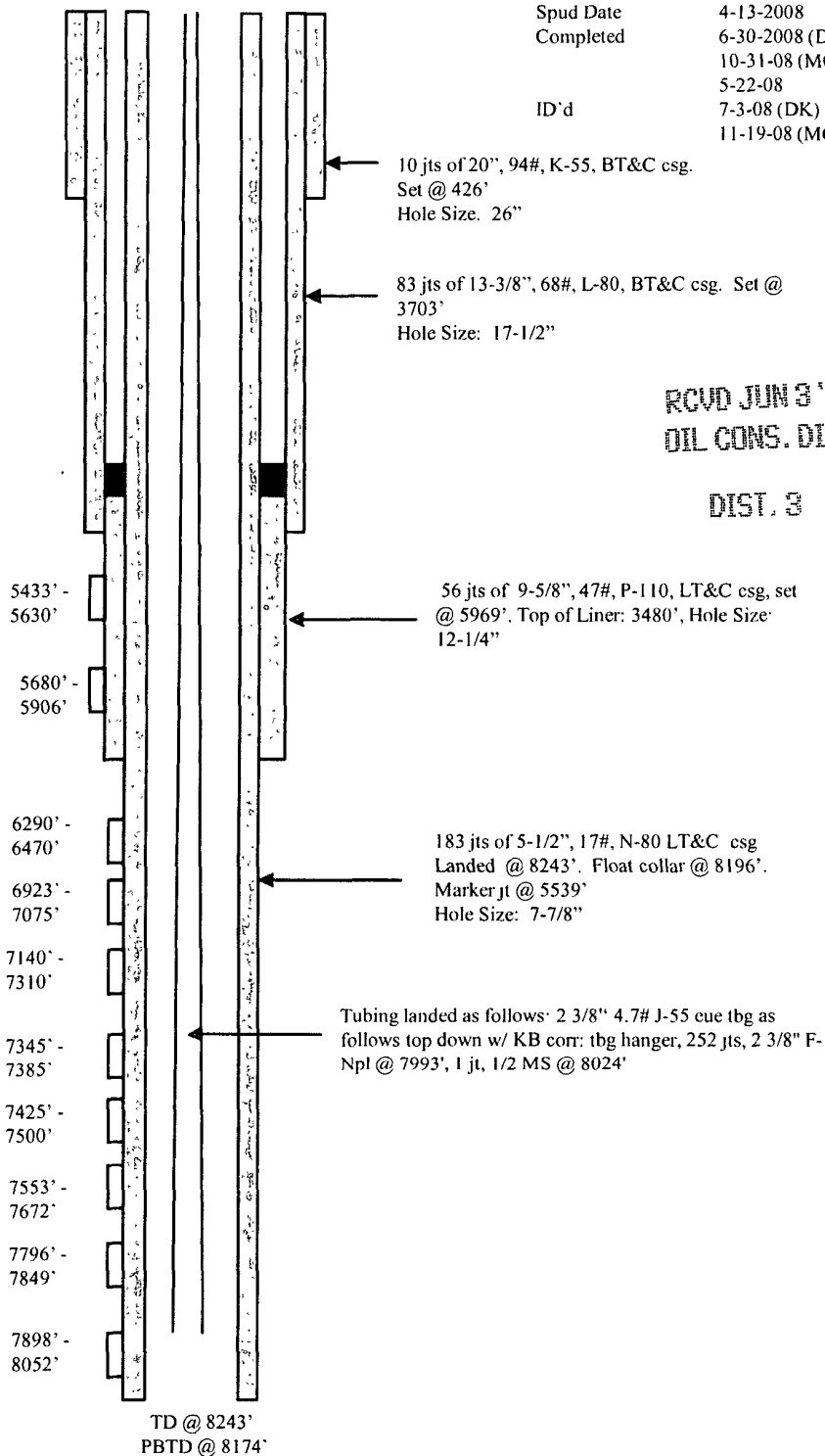
3rd stage: 7345'-7385' (27, .34" holes) Frac w/8000# 100 mesh WS then 107,224 40/70 WS

2nd stage: 7425'-7500' (33, .34" holes) Frac w/8000# 100 mesh WS then 6000# 40/70 WS

1st stage: 7553'-7672' (36, .34" holes) Frac w/7500# 100 mesh WS then 45,000# 40/70 WS

Greneros: 7796'-7849' (27, .34" holes) Frac w/7720# 100 mesh WS then 25,177# 40/70 WS

Dakota: 7898' - 8052' (81, .37" holes) Frac w/10,727# LP108 14/40 followed w/3470# tempered LC 20/40.



RCVD JUN 8 '10
 OIL CONS. DIV.

DIST. 3

HOLE SIZE	CASING	CEMENT	VOLUME	CMT TOP
26"	20"	739 sx	1172 cu.ft.	Surface
17-1/2"	13-3/8"	2000 sx	4022 cu.ft.	Surface
12-1/4"	9-5/8"	540	1155 cu.ft.	3480' (CBL)
7-7/8"	5 1/2"	850 sx	1860 cu.ft.	3200' (CBL)