

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-078894

6. IF INDIAN, ALLOTTEE OR

7. UNIT AGREEMENT NAME

Rosa Unit

NMM-78407X

8. FARM OR LEASE NAME, WELL NO.
Rosa Unit #602

9. API WELL NO.

30-039-30914 - 0052

10. FIELD AND POOL, OR WILDCAT

Basin Mancos

RCVD NOV 5 '10

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
Sec 27, T31N, R4W
MNCOS. DIV.

12. COUNTY OR
Rio Arriba

13. STATE
New Mexico

19. ELEVATION CASINGHEAD
DIST. 3

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: 1200' FNL & 1715' FWL, SEC 27, T31N, R4W

At top production interval reported below: 1346' FNL & 1801' FWL, SEC 27, T31N, R4W

At total depth:

14. PERMIT NO.

DATE ISSUED

15. DATE

SPUDDED
6/10/10

16. DATE T.D.

REACHED
7-12-10

17. DATE COMPLETED (READY TO PRODUCE)

10/27/10

18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*

7028' GR

20. TOTAL DEPTH,

8885' MD

21. PLUG, BACK T.D., MD & TVD

8862' MD

22. IF MULTICOMP.,
HOW MANY
2

23. INTERVALS
DRILLED BY

ROTARY TOOLS
x

CABLE TOOLS

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

Basin Mancos 8055' - 8390'

Note: CIBP set @ 8272' only perfs 8055'-8165' producing at this time

25. WAS DIRECTIONAL SURVEY MADE

Yes ☒

26. TYPE ELECTRIC AND OTHER LOGS RUN Run 1 - Array Compensated Resistivity, Spectral Density/Dual Spaced Neutral, GR.,

Run 2 - Wave Sonic, Compensated Spectral Natural Gamma Ray. Run 3 - (cased hole) Reservoir Monitor Tool

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#	317'	12 1/4"	290 SX - SURFACE	
7 5/8", J-55	26.4#	4358'	10 3/4"	910 SX - 500'	
4 1/2", P-110	11.6#	8885'	6-3/4"	615 SX - 4450'	

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	8054'	none

30. TUBING RECORD

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

DEPTH INTERVAL
(MD)

AMOUNT AND KIND OF MATERIAL USED

MC 2nd Stage - 36, 0.34" holes

8055' - 8165'

Frac with 15,026# 100 mesh, 45,414# 30/50 Ottawa, & 90,744# 20/40 Ottawa.

MC 1st Stage - 24, 0.34" holes

8355' - 8390'

Frac with 4,390# 100 mesh, followed with 84,450# 40/70 Ottawa,

33. PRODUCTION CIBP set at 8272' isolating lower Mancos and Dakota

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	WATER - BBL.	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

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

FILE PERMIT SUPV

DATE 11-1-10

ACCEPTED FOR RECORD

NOV 02 2010

FARMINGTON FIELD OFFICE
BY T. Salvey

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
					FRUITLAND	3638'	
					PICTURED CLIFFS	4019'	
					CLIFFHOUSE	6073'	
					MENEFEE	6120'	
					POINT LOOKOUT	6289'	
					MANCOS	6788'	
					GRANEROS	8535'	
					DAKOTA	8535'	

ROSA UNIT #602

BLANCO MV/BASIN MC/ BASIN DK

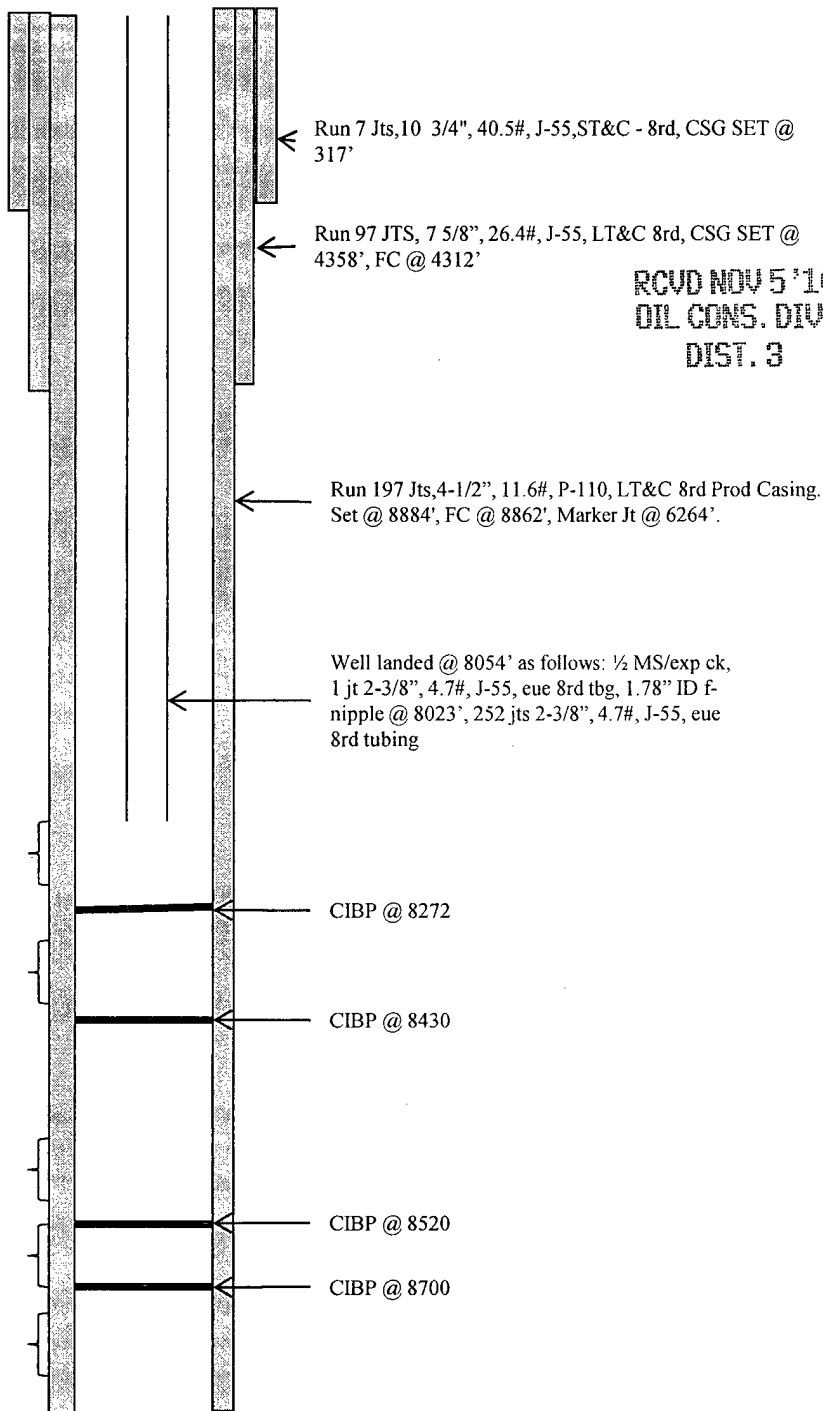
Spud Date 6/10/10
Completed

Surface Location:
1200' FNL & 1715' FWL,
Sec 27, T31N, R4W
BHL:
1346' FNL & 1801' FWL,
Sec 27, T31N, R4W
Rio Arriba, NM

Elevation: 7028' GR
API #: 30-039-30914

<u>Tops</u>	<u>Depth</u>
Lewis	4248'
Cliff House	6073
Point Lookout	6289'
Mancos	6788
Graneros	8395'
Dakota	8535'

RCVD NOV 5 '10
OIL CONS. DIV.
DIST. 3



2nd Stage MC: 8055'-8165' (36, 0.34" holes) Frac with 15,026# 100 mesh followed with 45,414# 30/50 mesh ottawa followed with 90,744# 20/40 mesh ottawa

1st Stage MC: 8355'-8390' (24, 0.34" holes) Frac with 4,390# 100 mesh followed with 84,450# 40/70 mesh ottawa

3RD Stage DK: 8440'-8490' (33, 0.34" holes) Frac with 3,604# 100 mesh followed with 77,696# 30/50 mesh ottawa

2ND Stage DK: 8536'-8609' (36, 0.34" holes) Frac with 3,224# 100 mesh followed with 96,011# 40/70 mesh ottawa

1ST Stage DK: 8724'-8772' (18, 0.34" holes) No Frac

TD @ 8885
PBTD @ 8862'

HOLE SIZE	CASING	CEMENT	CU. FT.	CMT TOP
12 1/4"	10 3/4", 40.5#	290 s xs	522 cu.ft.	surface
10 3/4"	7 5/8", 26.4#	910 s xs	2297 cu.ft.	500' - Temp
6-3/4"	4 1/2", 11.6#	615 s xs	861 cu.ft.	4450' - CBL

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Rosa Unit

NMNM-78407X

8. FARM OR LEASE NAME, WELL NO.
Rosa Unit #602

9. API WELL NO.
30-039-30914 - 0051

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

12. COUNTY OR
Rio Arriba

13. STATE
New Mexico

19. ELEVATION CASINGHEAD
RCVD NOV 5 '10

ROTARY TOOLS
x OIL CONS. DIV.

25. WAS DIRECTIONAL SURVEY MADE
Yes DIST 3

27. WAS WELL CORED
NO

WELL COMPLETION OR RECOMPLETION REPORT

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

b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

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At top production interval reported below: 1346' FNL & 1801' FWL, SEC 27, T31N, R4W
At total depth:

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DATE ISSUED
7028' GR

15. DATE
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20. TOTAL DEPTH.
8885' MD

21. PLUG, BACK T.D., MD & TVD
8862' MD

22. IF MULTICOMP.,
HOW MANY
2

23. INTERVALS
DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
Basin Dakota: 8440' - 8772'

26. TYPE ELECTRIC AND OTHER LOGS RUN Run 1 - Array Compensated Resistivity, Spectral Density/Dual Spaced Neutral, GR.,
Run 2 - Wave Sonic, Compensated Spectral Natural Gamma Ray. Run 3 - (cased hole) Reservoir Monitor Tool

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CASING SIZE/GRADE	WEIGHT, LB./FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
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30. TUBING RECORD

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8440' - 8490'	Frac with 3,604# 100 mesh followed with 77,696# 30/50 mesh Ottawa
8536' - 8609'	Frac with 3,224# 100 mesh followed with 96,011# 40/70 mesh Ottawa.
8724' - 8772'	No Frac

DK 3rd Stage - 33, 0.34" holes

DK 2nd Stage - 36, 0.34" holes

DK 1st Stage - 18, 0.34" holes

33. PRODUCTION CIBP set @ 8272' - Dakota on TA status until after winter closure

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SHUT)	
		Flowing				Shut in - TA until after winter closure	
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	WATER - BBL.	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY:

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM

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SIGNED Corey Higgins TITLE PERMIT SUPV

DATE 11-1-10

NMOCD

ACCEPTED FOR RECORD

NOV 02 2010

FARMINGTON FIELD OFFICE
BY J. Solvers

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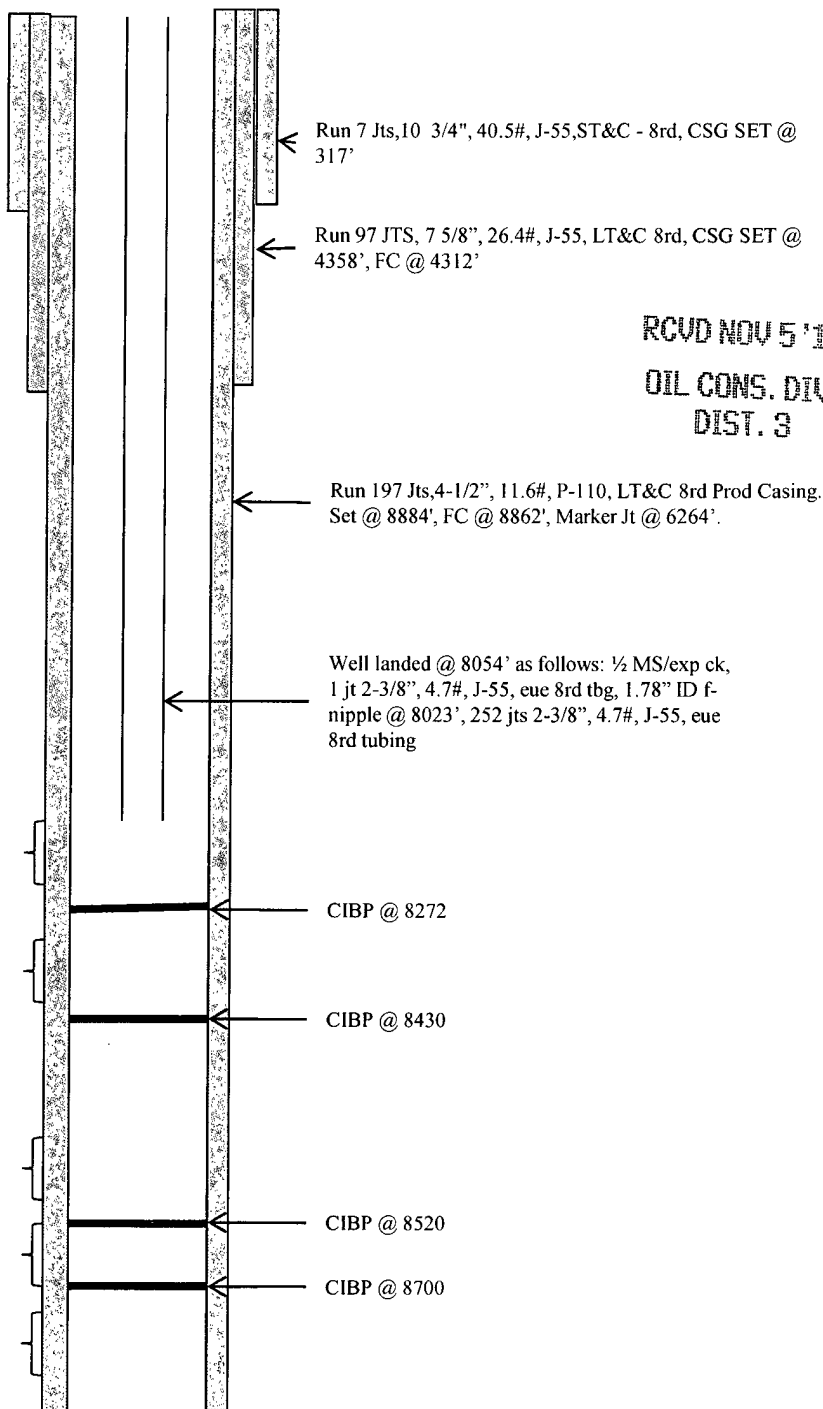
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RCVD NOV 5 '10
OIL CONS. DIV.
DIST. 3

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