

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

RCVD FEB 20 2007
OIL CONS. DIV.

DIST. 3

5. LEASE DESIGNATION AND LEASE NO.
NMSF-078766

6. IF INDIAN ALLOTTEE OR

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
ROSA UNIT #139C

9. API WELL NO.
30-045-33914-0151

10. FIELD AND POOL OR WILDCAT
BLANCO MESAVERDE

11. SEC., T.R.M., OR BLOCK AND
SURVEY OR AREA
NE/4 NW/4 SEC 17-31N-6W

12. COUNTY OR 13. STATE
SAN JUAN NEW MEXICO

19. ELEVATION CASINGHEAD

ROTARY TOOLS CABLE TOOLS
X

25. WAS DIRECTIONAL SURVEY MADE

27. WAS WELL CORED

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. RESV. ☐ OTHER

2. NAME OF OPERATOR
WILLIAMS PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO.
P.O. BOX 3102 MS 25-1 TULSA, OK 74101 (918) 573-6254

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface: 1025' FNL & 1535' FWL
At top production interval reported below:
At total depth: 2356' FNL & 2314' FWL

14. PERMIT NO. DATE ISSUED
6414' GR

15. DATE 16. DATE T.D. 17. DATE COMPLETED (READY TO PRODUCE)
SPUDDED REACHED
09/07/06 10/04/06 11/22/06

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD
6515' MD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
BLANCO MESAVERDE 5736' - 6384'

26. TYPE ELECTRIC AND OTHER LOGS RUN
TMDL, GR, CCL & CBL

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
9-5/8", J-55	36#	373'	12 1/4"	200 SX - SURFACE	
7", J-55	23#	4139'	8 3/4"	568 SX - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2", 10.5# J-55	3979'	6510'	200 SX		2-3/8", J-55, 4.7#	6410'	

31. PERFORATION RECORD (Interval, size, and number)

CH/MEN: 5736', 42', 46', 52', 58', 72', 76', 80', 84', 90', 96', 5808', 16', 20', 26', 30', 36', 44', 52', 56', 60', 66', 72', 80', 86', 92', 5902', 12', 16', 20', 24', 28', 34', 38', 46', 50', 54', 60', 64', 68', 72', 80', 88', 94', 6000', 04', 08', 14', 16' & 22'. Total of 50, 0.36" holes
P/LQ: 6096', 6100', 04', 08', 12', 16', 20', 24', 28', 32', 36', 40', 44', 48', 52', 56', 60', 64', 68', 72', 78', 82', 86', 92', 98', 6204', 12', 16', 20', 26', 34', 42', 48', 54', 60', 68', 78', 84', 88', 94', 6304', 08', 12', 18', 22', 26', 34', 36', 44', 48', 54', 64', 72', 82' & 84'. Total of 55, 0.36" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5736' - 6022'	Fraced w/ 9700# 14/30 Lite Prop & 2500# 20/40 Brady sand
6096' - 6384'	Fraced w/ 9400# 14/30 Lite Prop & 2200# 20/40 Brady sand

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)				WELL STATUS (PRODUCING OR SI)	
12/28/06		FLOWING				PRODUCING	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS OIL RATIO
12/15/06		34"	3 HRS		342		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY-API (CORR.)
205	658				1368		

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

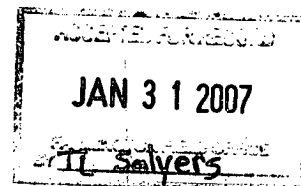
TEST WITNESSED BY: Matt Linn

35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES

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

SIGNED Tracy Ross TITLE Sr. Production Analyst DATE January 22, 2007

NMOCD



37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, core intervals, tests, including depth interval tested, cushion used, time well open, flowing and shut-in pressures, and recoveries):							38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		TRUE VERTICAL DEPTH		
					NAME	MEASURED DEPTH			
					FRUITLAND COAL	3307'	29387'		
					PICTURED CLIFFS	3640'	3258'		
					CLIFFHOUSE	5776'	5388'		
					MENEFE	5821'	5433'		
					POINT LOOKOUT	6056'	5668'		

ROSA UNIT #139C BLANCO MESAVERDE

Spud: 09-07-06

Completed: 11-22-06

1st Delivery: 12-28-06Surface Location:

1025' FNL and 1535' FWL
NE/4 NW/4 Sec 17(C), T31N, R6W
San Juan, NM

Bottom Hole Location:

2356' FNL and 2314' FWL
SE/4 NW/4 Sec 17(F), T31N, R6W
San Juan, NM

Elevation: 6414' GR

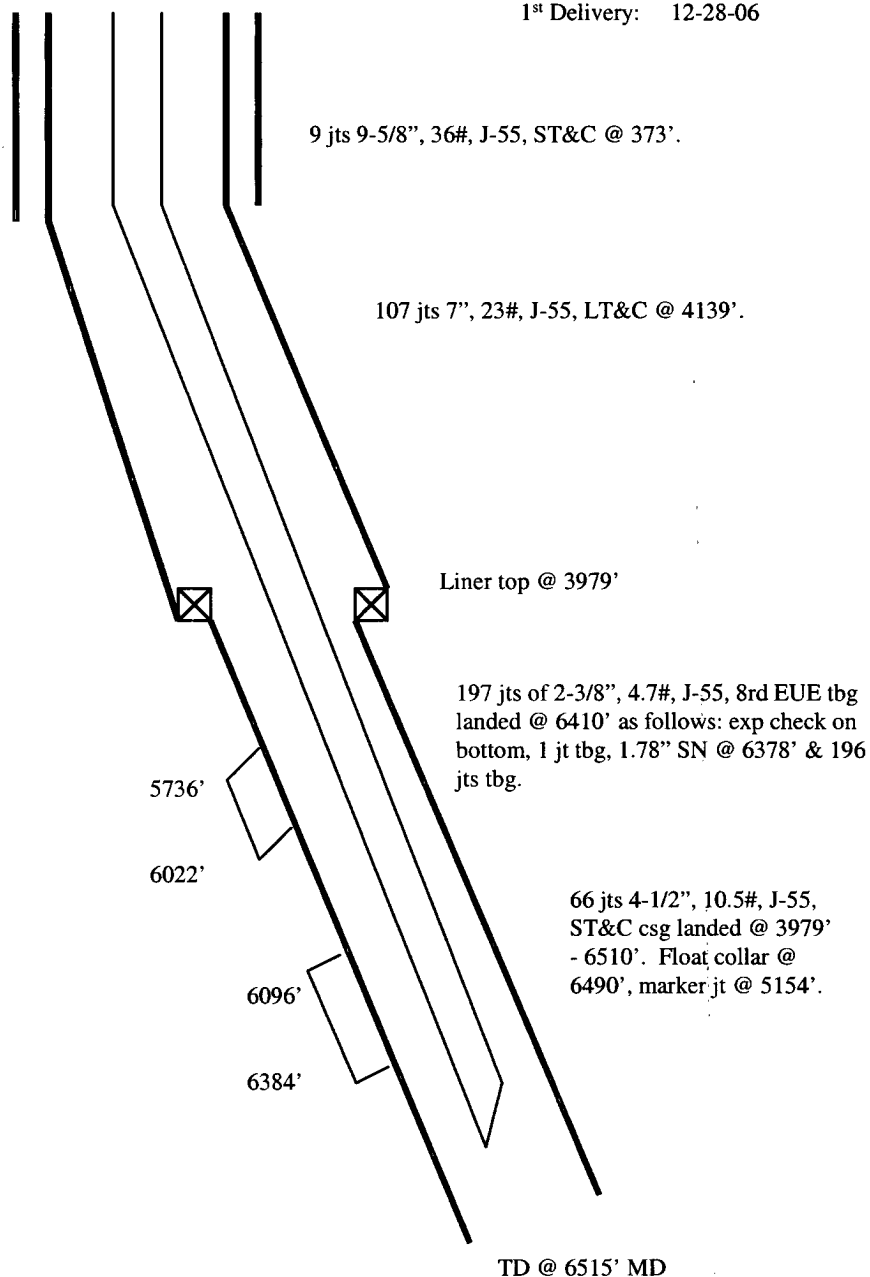
API # 30-045-33914

Top	MD	TVD
Fruitland	3307'	2938'
Pictured Cliffs	3640'	3258'
Cliffhouse	5776'	5388'
Menefee	5821'	5433'
Point Lookout	6056'	5668'

Stimulation:

CH/Menefee: 5736' – 6022' (55, 0.36" holes) Frac with 9700# 14/30 Lite Prop 125 followed by 2500# 20/40 Brady sand.

Point Lookout: 6096' – 6384' (50, 0.36" holes) Frac with 9400# 14/30 Lite Prop 125 followed by 2200# 20/40 Brady sand.



Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	200 sxs	282 cu.ft.	Surface
8-3/4"	7", 23#	568 sxs	1151 cu.ft.	Surface
6-1/4"	4-1/2", 10.5#	200 sxs	430 cu.ft.	5210'

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator Williams Production Company					Lease or Unit Name Rosa Unit				
Test Type X Initial Annual Special			Test Date 12/15/2006		Well Number #139C (API # 30-045-33914)				
Completion Date 11/22/2006		Total Depth 6515'		Plug Back TD		Elevation 6414'		Unit Sec Twp Rng C 17 31N 6W	
Casing Size 4-1/2"		Weight 10.5#		Set At 6510'		Perforations: 5736' - 6022'		County San Juan	
Tubing Size 2-3/8"		Weight 4.7#		Set At 6410'		Perforations: 6096' - 6384'		Pool Blanco MV	
Type Well - Single-Bradenhead-GG or GO Multiple				Packer Set At		Formation MV			
Producing Thru Tubing		Reservoir Temp. oF		Mean Annual Temp. oF		Barometer Pressure - Pa		Connection	
L	H	Gq 0.6	%CO2	%N2	%H2S	Prover 3/4"	Meter Run	Taps	

FLOW DATA				TUBING DATA		CASING DATA			
NO	Prover Line Size	X Orifice Size	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Pressure p.s.i.q	Temperature oF	Duration of Flow
SI	2" X 3/4"				825	60	873		0
1					227	61	765		0.5 hr
2					220	61	730		1.0 hr
3					217	62	705		1.5 hrs
4					213	62	685		2.0 hrs
5					205	62	658		3.0 hrs

RATE OF FLOW CALCULATION									
NO	Coefficient (24 Hours)			hwPm	Pressure Pm	Flow Temp. Factor Fl	Gravity Factor Fq	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604				217	0.9981	1.29	1.021	2740
2									
3									
4									

NO	Pr	Temp. oR	Tr	Z	Gas Liquid Hydrocarbon Ration	Mcf/bbl.
1					A.P.I Gravity of Liquid Hydrocabrons _____	Deq.
2					Specific Gravity Separator _____	XXXXXXX
3					Specific Gravity Flowing Fluid xxxxxxxxxxxx	
4					Critical Pressure _____ p.s.i.a.	____ p.s.i.a.
5					Critical Temperature _____ R	____ R

Pc	885	Pc2	783225	
NO	Pt1	Pw	Pw2	Pc2-Pw2
1		670	448900	334325
2				
3				
4				

(1) $\frac{Pc2}{Pc2-Pw2} =$ 2.3427055		(2) $\frac{Pc2^n}{Pc2-Pw2} =$ 1.8936001	
AOF = Q $\frac{Pc2^n}{Pc2 - Pw2} =$ 5188			

Absolute Open Flow 5188		Mcf/d @ 15.025	Angle of Slope _____	Slope, n 0.75
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Remarks:

Approved By Commission:	Conducted By: Matt Lain	Calculated By: Tracy Ross	Checked By:
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