

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* 55

1a. TYPE OF WELL: ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		7. UNIT AGREEMENT NAME ROSA UNIT	
b. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF.RESVR. ☐ OTHER _____			
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #149B	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 579-6254		9. API WELL NO. 30-039-26599	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At Surface: 1440' FNL & 355' FWL At top production interval reported below: At total depth:		10. FIELD AND POOL, OR WILDCAT BLANCO MV	
		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA SW/4 NW/4 SEC 12-31N-6W	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 09/19/2001		16. DATE T.D. REACHED 09/28/2001	
17. DATE COMPLETED (READY TO PRODUCE) 11/17/2001		18. ELEVATIONS (DR., RKB, RT, GR, ETC.) 6421' GR.	
19. ELEVATION CASINGHEAD		12. COUNTY OR RIO ARriba	
		13. STATE NEW MEXICO	
20. TOTAL DEPTH, MD & TVD 8133' MD		21. PLUG, BACK T.D., MD & TVD 8108' MD	
22. IF MULTICOMP., HOW MANY 2		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MV 4700' - 6005'		25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR & DEN/NEU/TEMP		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" H-40	32.75#	506'	14-3/4"	475 SX - Surface	
7-5/8" K-55	26.4#	3732'	9-7/8"	828 SX - Surface	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
5-1/2"	0'	8133'	345 SX		2-1/16"
31. PERFORATION RECORD (Interval, size, and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
CH/Menefee: 4700', 08', 20', 4826', 69', 75', 5267', 5311', 5484', 87', 92', 5515', 17', 28', 31', 33', 37', 39', 40', 61', 64', 66', 69', 77', 81', 5727', 29', 41', 46', 48', 91', 94', 96' and 5720'. Total of 34 (0.38") holes			DEPTH INTERVAL (MD)		
Point Lookout: 5949', 53', 67', 69', 71', 73', 77', 79', 83', 5808', 30', 38', 41', 58', 70', 5928', 47', 55', 82', 84', 6001' and 05'. Total of 22 (0.38") holes			AMOUNT AND KIND OF MATERIAL USED		
			4700' - 5720' 80,000# 20/40 Sand in 1921 bbls slick water		
			5949' - 6005' 80,000# 20/40 Sand in 1887 bbls slick water		

33. PRODUCTION	
DATE OF FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing
WELL STATUS (PRODUCING OR SI) SI waiting on pipeline	
DATE OF TEST 11/29/01	TESTED 3 hr
CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD
OIL - BBL	GAS - MCF 366
WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 220	CASING PRESSURE 755
CALCULATED 24-HOUR RATE	
OIL - BBL	GAS - MCF 2,929
WATER - BBL	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sokd. used for fuel, vented, etc.): TO BE SOLD	TEST WITNESSED BY: CHIK CHARLEY
35. LIST OF ATTACHMENTS: SUMMARY OF POROUS ZONES, WELLBORE DIAGRAM	

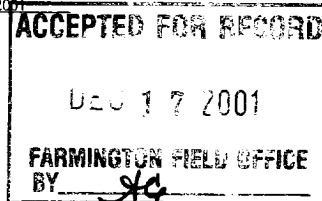
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Nancy Rose

TITLE Production Analyst

DATE December 10, 2001



NADCD

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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 lost 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	
PICTURED CLIFFS	3258'	3553'					
LEWIS	3553'	5466'					
CLIFFHOUSE	5466'	5513'					
MENEFEE	5513'	5728'					
POINT LOOKOUT	5728'	6078'					
MANCOS	6078'	7954'					
DAKOTA	7954'						

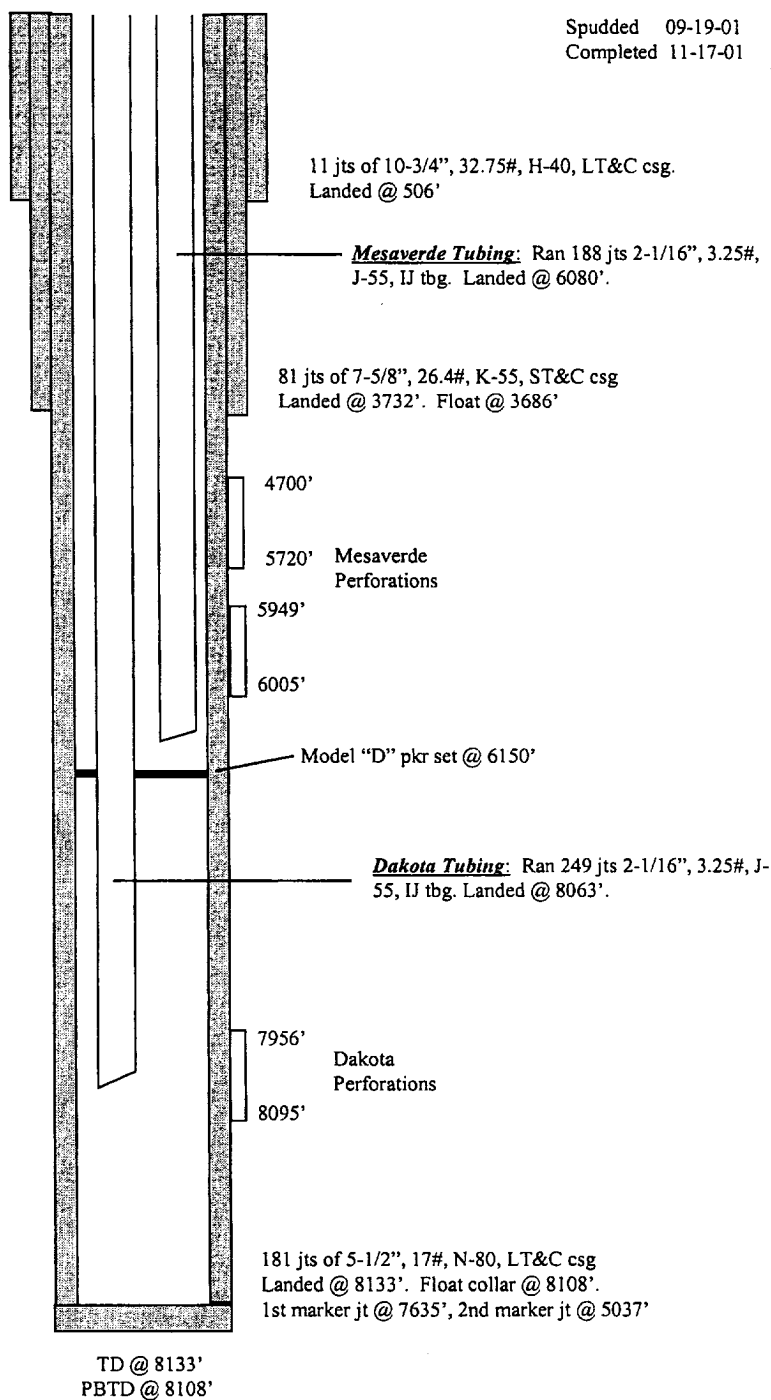
ROSA UNIT #149B BLANCO MV/BASIN DK

Location: 1440' FNL, 355' FWL
SW/4 NW/4 Section 12(E), T31N, R6W
Rio Arriba, NM

Spudded 09-19-01
Completed 11-17-01

Elevation: 6421' GR

<i>Tops</i>	<i>Depth</i>
Kirtland	2608'
Pictured Cliffs	3258'
Cliff House	5466'
Point Lookout	5728'
Mancos	6078'
Dakota	7954'



CliffHouse/Menefee 4700' - 5720' (34, 0.38" holes)
80,000# of 20/40 sand in 1921 BBL's slick water

Point Lookout 5949' - 6005' (22, 0.38" holes)
80,000# of 20/40 sand in 1887 BBL's slick water

Dakota 7956' - 8095' (22, 0.38" holes)
90,000# of 20/40 Acfrac SB Excel resin coated proppant
carried in 60Q Spectre G foam in 799 BBL's slick water

HOLE SIZE	CASING	CEMENT	CMT TOP
14-3/4"	10-3/4"	475 s x, 606 cu.ft.	Surface
9-7/8"	7-5/8"	828 s x, 1536 cu.ft.	Surface
6-3/4"	5-1/2"	345 s x, 707 cu.ft.	8096'