

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 <u>070 EXPLORATION, N.M.</u>		5. LEASE DESIGNATION AND LEASE NO. SF-078771	
1b. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER		6. IF INDIAN, ALLOTTEE OR	
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. BOX 3102 MS 37-2 TULSA, OK 74101 (918) 573-6254		8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #5B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At Surface: 715' FNL & 1835' FEL At top production interval reported below : At total depth:		9. API WELL NO. 30-039-26927	
		10. FIELD AND POOL, OR WILDCAT BLANCO MV	
		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW/4 NE/4 SEC 26-31N-6W	
		12. COUNTY OR RIO ARRIBA	13. STATE NEW MEXICO
15. DATE SPUDDED 04/09/2002	16. DATE T.D. REACHED 04/19/2002	17. DATE COMPLETED (READY TO PRODUCE) 06/10/2002	18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6309' GR
19. ELEVATION CASINGHEAD			
20. TOTAL DEPTH, MD & TVD 7952' MD	21. PLUG, BACK T.D., MD & TVD 7932' 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 4370' - 5817'		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" K-55	40.5#	284'	14-3/4"	260 SX - SURFACE		
7-5/8" K-55	26.4#	3602'	9-7/8"	830 SX - SURFACE		
29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
5-1/2"	0'	7952'	275 SX		2-1-16"	5808'
31. PERFORATION RECORD (Interval, size, and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
<u>CH/Menefee:</u> 4370', 4400', 04', 4535', 42', 46', 4611', 4750', 5121', 24', 48', 86', 5227', 5307', 45', 47', 49', 5402', 03', 05', 07', 48', 50' and 5550'. Total of 24 (0.38") holes <u>Point Lookout:</u> 5584', 88', 93', 95', 97', 99', 5601', 05', 08', 18', 22', 25', 27', 30', 34', 37', 41', 47', 51', 55', 76', 79', 89', 97', 99', 5710', 15', 39', 46', 84', 5800' and 17'. Total of 32 (0.38") holes				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
				4370' - 5550'	80,000# 20/40 Sand in 1739 bbls slick water	
				5584' - 5817'	80,000# 20/40 Sand in 1825 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 06/19/02	TESTED 3 hr	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD 3 hrs	OIL - BBL	GAS - MCF 372	WATER - BBL	GAS-OIL RATIO
FLOW TBG PRESS 225	CASING PRESSURE 720	CALCULATED 24-HOUR RATE		OIL - BBL	GAS - MCF 2,978	WATER - BBL	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, 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 Tracy Ross TITLE Production Analyst DATE July 2, 2002

ACCEPTED FOR RECORD
JUL 8 2002
FARMINGTON FIELD OFFICE
BY de

74000

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill stems 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	TRUE VERTICAL DEPTH
FRUITLAND	2881'	3131'				
PICTURED CLIFFS	3131'	3446'				
LEWIS	3446'	5330'				
CLIFFHOUSE	5330'	5375'				
MENEFEE	5375'	5583'				
POINT LOOKOUT	5583'	5926'				
MANCOS	5926'	7802'				
DAKOTA	7802'					

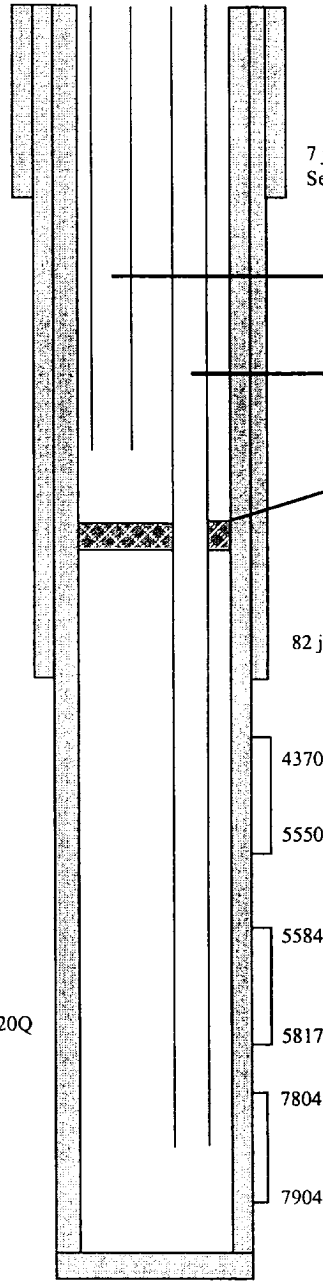
ROSA UNIT #5B BLANCO MV/BASIN DK

Location: 715' FNL, 1835' FEL
NW/4 NE/4 Section 26(B), T31N, R6W
Rio Arriba Co., NM

Elevation: 6309' GR
API #: 30-039-26927

Spud Date 04-09-02
Completed 06-10-02

<i>Tops</i>	<i>Depth</i>
Kirtland	2481'
Pictured Cliffs	3131'
Cliff House	5330'
Point Lookout	5583'
Mancos	5926'
Dakota	7802'



7 jts of 10 3/4", 40.5#, K-55, ST&C csg.
Set @ 284'

Mesaverde Tubing: 6' sub, 1 jt 2-1/16" tbg, 1.5" SN, &
178 jts 2-1/16". Landed @ 5808' (179 jts total)

Dakota Tubing: 1/2" mule shoe, 1 jt 2-1/16" tbg, 1.5" SN,
58 jts 2-1/16" tbg, seal bore asseby w/ 5 seals, 182 jts 2-
1/16" tbg, 8' & 4' pup jts & 1 jt 2-1/16" tbg. Landed @
7860'. (242 jts total)

Arrow model "B" packer @ 5950'

82 jts of 7-5/8", 26.4#, K-55 csg. Set @ 3602'. Float @ 3555'

4370'

5550'

5584'

5817'

7804'

7904'

178 jts of 5-1/2", 17#, N-80, LT&C csg.
Set @ 7952'. Float collar @ 7932'.
Marker jts @ 7457' & 4955'

TD @ 7952'
PBTD @ 7932'

CliffHouse/Menefee 4370' - 5550' (24, 0.38" holes)
80,000# of 20/40 sand in 1739 BBI's slick water.

Point Lookout 5584' - 5817' (32, 0.38" holes)
80,000# of 20/40 sand in 1825 BBI's slick water.

Dakota 7804' - 7904' (20, 0.38" holes)
75,000# of 20/40 Acfrac resin coated proppant carried in 20Q
Vistar foam

<i>HOLE SIZE</i>	<i>CASING</i>	<i>CEMENT</i>	<i>CU. FT.</i>	<i>CMT TOP</i>
14 3/4"	10 3/4"	260 sx	361 cu.ft.	surface
9 7/8"	9 7/8"	830 sx	1549 cu.ft.	surface
6 3/4"	5 1/2"	275 sx	619 cu.ft.	7923'