

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

2004 DEC 2 AM 10 47

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: ☒ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER	7. UNIT AGREEMENT NAME				
b. TYPE OF COMPLETION: ☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER	8. FARM OR LEASE NAME, WELL NO. ROSA UNIT #146A				
2. NAME OF OPERATOR WILLIAMS PRODUCTION COMPANY	9. API WELL NO. 30-039-27686				
3. ADDRESS AND TELEPHONE NO. P.O. BOX 3102 MS 25-1 TULSA, OK 74101 (918) 879-6254	10. FIELD AND POOL, OR WILDCAT BLANCO MESAVERDE				
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At Surface: 1105' FNL & 10' FWL At top production interval reported below: At total depth:	11. SEC., T.R.M., OR BLOCK AND SURVEY OR AREA NW/4 NW/4 SEC 28-31N-5W				
14. PERMIT NO.	DATE ISSUED	12. COUNTY OR RIO ARRIBA	13. STATE NEW MEXICO		
15. DATE SPUDDED 08/20/04	16. DATE T.D. REACHED 08/31/04	17. DATE COMPLETED (READY TO PRODUCE) 11/09/04	18. ELEVATIONS (DK, RKB, RT, GR, ETC.)* 6425' GR	19. ELEVATION CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6227' MD	21. PLUG, BACK T.D., MD & TVD 6203'	22. IF MULTICOMP., HOW MANY	23. INTERVALS DRILLED BY	ROTARY TOOLS x	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* BLANCO MESAVERDE 5265' - 6074'				25. WAS DIRECTIONAL SURVEY MADE YES	
26. TYPE ELECTRIC AND OTHER LOGS RUN TMDL, GR, CCL & CBL				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
9-5/8", K-55	36#	276'	12 1/4"	155 SX - SURFACE	
7", K-55	23#	3828'	8 3/4"	575 SX - SURFACE	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4 1/2", 10.5# K-55	3722'	6225'	575 SX		2-3/8", J-55, 4.7#	6100'	
31. PERFORATION RECORD (Interval, size, and number)				32. ACID, SILET, FRACTURE, CEMENT SQUEEZE, ETC.			
<u>CHIMEN:</u> 5265', 67', 79', 82', 85', 88', 5497', 99', 5542', 44', 46', 48', 59', 61', 67', 69', 78', 80', 84', 87', 89', 92', 96', 99', 5603', 08', 12', 16', 20', 25', 51', 53' & 54'. Total of 33, 0.50" holes <u>PLO:</u> 5736', 38', 40', 52', 54', 56', 60', 63', 68', 70', 73', 76', 80', 83', 85', 95', 97', 99', 5802', 06', 10', 14', 17', 28', 30', 32', 34', 36', 38', 54', 56', 58', 90', 92', 5926', 28', 73', 75', 77', 79', 90', 92', 94', 6072' & 74'. Total of 45, 0.50" holes				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				5265' - 5654'	Fraced w/ 10,820# 14/30 Lite Prop 125 followed by 40,840# 20/40 brown sand		
				5736' - 6074'	Fraced w/ 9300# 14/30 Lite Prop 125 followed by 40,000# 20/40 brown sand		

33. PRODUCTION		DATE OF FIRST PRODUCTION				PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump)		WELL STATUS (PRODUCING OR SI)	
DATE OF TEST 11/23/04	TESTED	CHOKE SIZE 3/4"	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF 410	WATER - BBL	GAS-OIL RATIO		
FLOW TBG PRESS 247	CASING PRESSURE 875	CALCULATED 24-HOUR RATE 3283		OIL - BBL	GAS - MCF	ACCEPTED FOR RECORD			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): TO BE SOLD						TEST WITNESSED BY: 6 2004	
35. LIST OF ATTACHMENTS. SUMMARY OF POROUS ZONES						FARMINGTON FIELD OFFICE	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						BY: 46	

SIGNED Jrady Ross TITLE Sr. Production Analyst DATE November 27, 2004

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	3314'	4249'						
LEWIS	4249'	5479'						
CLIFFHOUSE	5479'	5522'						
MENEFEE	5522'	5748'						
POINT LOOKOUT	5748'	6076'						
MANCOS	6076'							

ROSA UNIT #146A
BLANCO MESAVERDE

Location:

1105' FNL and 10' FWL
NW/4 NW/4 Sec 28(D), T31N R05W
Rio Arriba, New Mexico

Elevation: 6425' GR
API #: 30-039-27686

Spud date: 08/20/04

Completed: 11/09/04

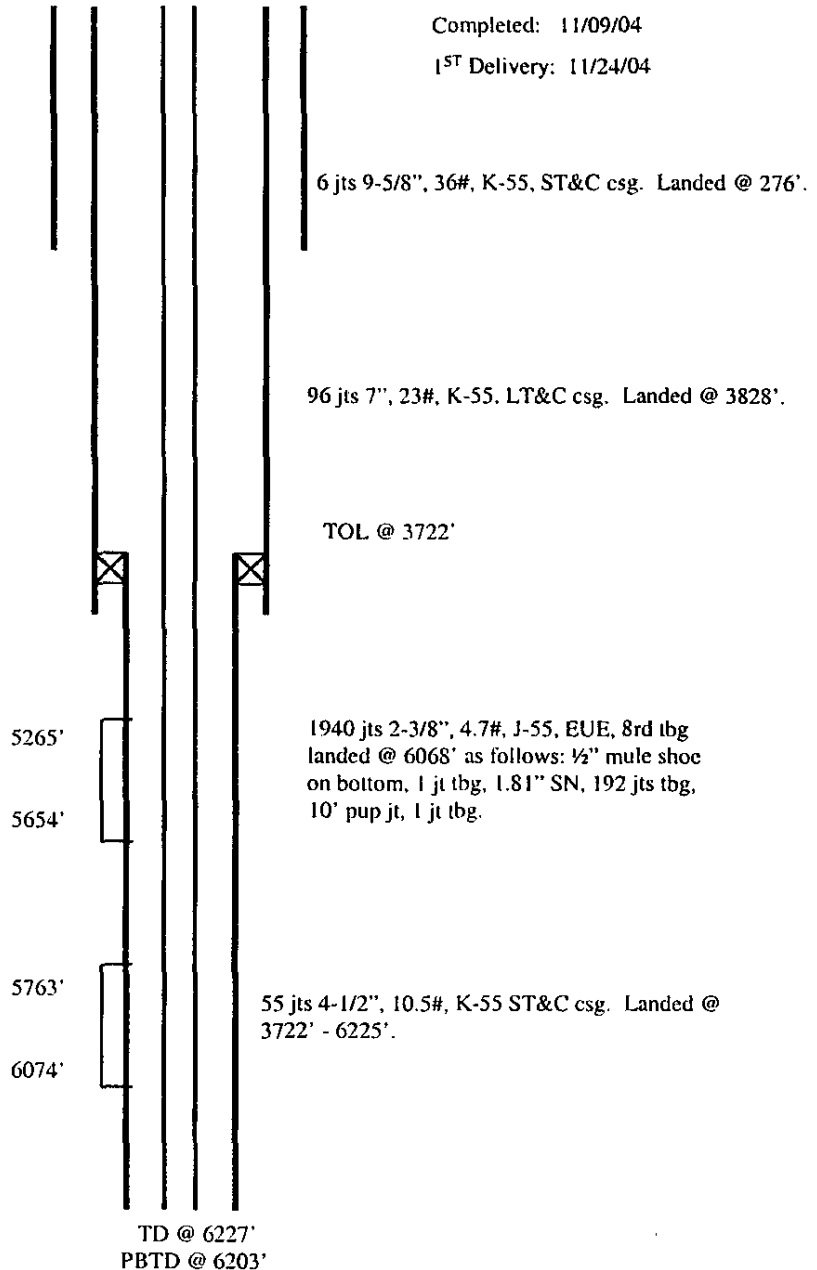
1ST Delivery: 11/24/04

Top	Depth
Pictured Cliffs	3314'
Lewis	4249'
CliffHouse	5479'
Menefee	5522'
Point Lookout	5748'

STIMULATION

CliffHouse/Menefee: 5265' - 5654'
(33, 0.50" holes) Frac with 10,820#
14/30 Lite Prop 125 followed by
40,840# 20/40 brown sand.

Point Lookout: 5763' - 6074' (45,
0.50" holes) Frac with 9300# 14/30
Lite Prop 125 followed by 40,000#
20/40 brown sand.



Hole Size	Casing	Cement	Volume	Top of CMT
12-1/4"	9-5/8", 36#	155 sx	225 cu ft.	surface
8-3/4"	7", 23#	575 sx	1167 cu ft.	surface
6-1/4"	4-1/2", 10.5#	170 sx	359 cu ft.	3720'