

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES

SUBMIT IN DUPLICATE*

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See other In-
structions on
reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 30584	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR NASSAU RESOURCES, INC.		7. UNIT AGREEMENT NAME Carracas Unit	
3. ADDRESS OF OPERATOR P O BOX 809, Farmington, N.M. 87499		8. FARM OR LEASE NAME Carracas Unit 12 B	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 470' FSL - 1190' FEL At top prod. interval reported below At total depth		9. WELL NO. #16	
14. FORMER API# 30-039-24724		10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal	
DATE ISSUED 4/17/90		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 12, T32N, R4W, NMPM	
15. DATE SPUDDED 7/25/90	16. DATE T.D. REACHED 7/31/90	12. COUNTY OR PARISH Rio Arriba	13. STATE N.M.
17. DATE COMPL. (Ready to prod.) 9-8-90	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6910' GL; 6922' KB	19. ELEV. CASINGHEAD 6910' GL	
20. TOTAL DEPTH, MD & TVD 2200' KB	21. PLUG, BACK T.D., MD & TVD 2145' KB	22. IF MULTIPLE COMPL., HOW MANY* na	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1956' - 1981' Fruitland Coal			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction -SFL, Comp. Neutron-Density, Microlog, Gamma Ray Neutron Correlation, Coal log			27. WAS WELL CORRED NO
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
9-5/8"	36#	305' KB	12-1/4"
5-1/2"	15.5#	2198' KB	8-3/4"
		CEMENTING RECORD	
		228 cu.ft. circ. to surf.	
		731 cu.ft. circ. to surf.	
		See reverse.	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
NA			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	1997' KB	---	
31. PERFORATION RECORD (Interval, size and number)			
1956 - 1962'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1966 - 1976'		DEPTH INTERVAL (MD)	
1979 - 1981' 4 spf 0.5" diam. holes		AMOUNT AND KIND OF MATERIAL USED	
Total perfs 72		1956-1981' 500 gal. 15% HCL acid	
		1800 bbls. 35# YF-135 X-link	
		21,650# of 40/70 sand	
		209,220# of 20/40 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 8-23-90*	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Compressor/Flowing		WELL STATUS (Producing or shut-in) SI
DATE OF TEST 9-11-90	HOURS TESTED 24 hrs.	CHOKE SIZE .500"	PROD'N. FOR TEST PERIOD ---
FLOW. TUBING PRESS. 355 psi	CASING PRESSURE 420 psi	CALCULATED 24-HOUR RATE ---	OIL—BBL. ---
			GAS—MCF. 100
			WATER—BBL. 12
			GAS-OIL RATIO ---
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented during test; to be sold.			
35. LIST OF ATTACHMENTS *1st hydrocarbons to well bore during completion operations.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available information.			
SIGNED Fran Perrin		TITLE Admin. Asst.	
		BY Peter Rodebach	
		DATE 9/14/90	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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, flowing and shut-in pressures, and recoveries):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			Item #28 9-5/8" casing; Cemented as follows: 195 sk of Class "B" w/ 2% CaCl (228 cu.ft.) Cemented 5-1/2" casing as follows: 10 bbls. mud flush 226 sk of 65/35 poz w/ 12% gel and 1/4#sk flocele (592 cu.ft.) 100 sk of 50/50 poz w/ 2% gel, and 6-1/4#/\$k gilsonite and 1/4#/\$k flocele (139 cu.ft.)	Ojo Alamo Kirtland Fruitland Fruitland Coal	1406' 1523' 1828' 1954'	