

In Lieu of
Form 3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN
DUPLICATE

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

RECEIVED
BLM
(See other instructions on
reverse side)

5 LEASE DESIGNATION AND LEASE NO.
NM-30351

6 IF INDIAN, ALLOTTEE OR

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

98 NOV 19 8M 2:55

1a. TYPE OF WELL ☐ OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER
b. TYPE OF COMPLETION:
☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ OTHER

7. UNIT AGREEMENT NAME
CARRACAS UNIT

2 NAME OF OPERATOR
NASSAU RESOURCES INC.

8 FARM OR LEASE NAME, WELL NO.
CARRACAS UNIT #501

3 ADDRESS AND TELEPHONE NO.
650 CHERRY STREET, SUITE 1225, DENVER CO 80246 (303) 321-2111

9. API WELL NO.
30-039-25852

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At Surface 1835' FSL & 1495' FWL
At top production interval reported below : At total depth:

10. FIELD AND POOL, OR WILDCAT
BASIN DAKOTA

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA
NE/4 SE/4 SEC 10-32N-5W

14. PERMIT NO.
DATE ISSUED
18. ELEVATIONS (DK, RKB, RT, GR, ETC.)*
7555' GR (est)

12. COUNTY OR
RIO ARRIBA
13. STATE
NEW MEXICO

19. ELEVATION CASINGHEAD

15. DATE
SPUDDED
8-03-1998
16. DATE T.D.
REACHED
8-27-1998
17. DATE COMPLETED (READY TO PRODUCE)
10-29-1998

20. TOTAL DEPTH, MD & TVD
9288'
21. PLUG, BACK T.D., MD & TVD
CIBP at 9014'

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)*
BASIN DK 8868-8946'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN
HRI/DSN/SPL/FWS/CSNG

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#	1106'	12-1/4"	460 SX - SURFACE	
5-1/2" N-80	17#	9288'	7-7/8"	900 SX (1 st Stage) - SURFACE - 1455 SX (2nd Stage) - SURFACE	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8940'	

30. TUBING RECORD

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

Upper Dakota: 8868'', 70', 72', 74', 76', 78', 80', 82', 84', 88', 90', 94', 97',
8930', 33', 36', 39', 42', 44' and 46' for a total of 20 (0.36'') holes.

Lower Dakota: 9096', 9100', 02', 04', 06', 08', 10', 13', 16', 18', 21', 23', 25',
31', 33', 35', 37', 39', 42' and 45' for a total of 20 (0.36'') holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8868'- 8946'	46,000# 20/40 Ottawa sand & 6,000 20/40 resin coated sand in BBI's cross linked gel in 60% nitrogen foam.
9096' - 9145'	45,700# 20/40 Ottawa sand & 7,000 20/40 resin coated sand in 1032 BBI's cross linked gel in 60% nitrogen foam.

33. PRODUCTION

DATE OF FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) Flowing				WELL STATUS (PRODUCING OR SHUT IN) SHUT IN	
DATE OF TEST	TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL.	GAS - MCF	WATER - BBL.	GAS-OIL RATIO
11-13-1998	3 HRS				299		
FLOW TBG PRESS	CASING PRESSURE	CALCULATED 24-HOUR RATE		OIL - BBL.	GAS - MCF	WATER - BBL.	OIL GRAVITY-API (COR)
700#					2393		

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

TEST WITNESSED BY: CHIK CHALEY

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 GARY JOHNSON

TITLE Drilling Manager

DATE November 16, 1998

OIL CON. DIST. 3

FARMINGTON DISTRICT OFFICE

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):

37. SUMMARY OF POROUS ZONES. (Show all important zones of porosity and contents thereof, cored intervals, 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		TRUE VERTICAL DEPTH
					NAME	MEASURED DEPTH	
KIRTLAND	3495'	3934'					
FRUITLAND	3934'	4117'					
PICTURED CLIFFS	4117'	6448'					
CLIFF HOUSE	6448'	6654'					
POINT LOOKOUT	6654'	6943'					
MANCOS	6943'	8710'					
GREENHORN	8710'	8760'					
GRANEROS	8760'	8855'					
DAKOTA	8855'	9150'					
MORRISON	9150'						