Form 3160-4 (July 1992) 5 BLM 1 DE 1 Amoco 1 File

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*

5. LEASE DESIGNATION AND SERIAL NO.: NM 59696

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Carracas Unit

8. FARM OR LEASE NAME, WELL NO.: Carracas Unit-PC 27 B #8

9. API WELL NO.: 30-039-25696

10. FIELD AND POOL, OR WILDCAT: Carracas Pictured Cliffs

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 27, T32N, R4W, NMPM

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

97 SEP 12 PM 4:17

070 FARMINGTON, NM

2. NAME OF OPERATOR: NASSAU RESOURCES, INC. OGRID #0155515

3. ADDRESS AND TELEPHONE NO.: P O BOX 809, Farmington, NM 87499-0809

RECEIVED
SEP 22 1997
OIL CON. DIV.
DIST. 3

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 2460' FNL & 610' FEL
At top prod. interval reported below
At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
API 30-039-25696	6/2/97	Rio Arriba	NM

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
8/16/97	8/22/97	9-9-97	7160' GR 7172' KB	7160' GR

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
4310'	4259'		→	TD	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 4159' to 4196' KB - Carracas Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: SP-GR-Caliper (Elec.), SP Density-Dual Spaced Neutron, GR-CCL

27. WAS WELL CORED: NO

28. CASING RECORD (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"	36.0	364' KB	12-1/4"	289 cu.ft. circ. to surface	---
5-1/2"	15.5#	4305' KB	8-3/4"	~~1422~~ 1521 cu.ft. in 2 stages to surf See reverse.	---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	4134' KB	—

31. PERFORATION RECORD (Interval, size and number)
4159 to 4165, 4167 to 4171, 4176, 4180,
4185 to 4187, 4190 to 4196 - 48 0.5" holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4005 to 4259' KB	1000 gal. 7-1/2% HCL
4005-4259' KB	151,660# 20/40 sand, 695 bbls. water, 544,100 CSF N2.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
9-4-97**	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/12/97	24	5/16"		---	317 MCFD	3 BWPD	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
131 psi	160 psi		---	317	3	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Vented during test; to be sold

TEST WITNESSED BY: Murphy Brasuel

ACCEPTED FOR RECORD

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 records.

SIGNED Murphy Brasuel TITLE Field Supt. DATE 9/12/97

SEP 18 1997

FARMINGTON DISTRICT OFFICE

BY

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

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			#28 - Cement Detail: 9-5/8": Cemented with 245 sx type G cement with 3% CaCl & 1/4# cello flake/sk (289 cu.ft.) Circulated to surface. 5-1/2": Cemented 1st stage with 30 bbl. water flush followed by 246 sx 65/35 pos + 12% gel, 3#/sk KCl seal, 1/4#/sk cello flake (632.22 cu.ft.) followed by 125 sx 50/50 pos + 1/4#/sk cello flake/sk (173.75 cu.ft.) 805.97 cu.ft. on 1st stage. Circulated to surface. Cemented 2nd stage with 30 bbl. water flush followed by 265 sx 65/35 pos + 12% gel, 3#/sk KCl seal, 1/4#/sk cello flake (681.05 cu.ft.) followed by 25 sx 50/50 pos + 1/4#/sk cello flake/sk (34.75 cu.ft.) 715.8 cu.ft. on 2nd stage. Circulated to surface. Total of 1,522 cu.ft. for both stages Centralizers: On jts. 1, 2-11, 13, 15; 3622-3382' on jts. 17-22 over Ojo Alamo (Top 3493'); 2280-2120' on jts. 50-53 (2 above & 2 below DV tool); 322-280' on jts. 99 & 100 at bottom of surface csg. TOTAL OF 25 centralizers

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	3493'	
Kirtland	3612	
Fruitland	3790	
Basal Coal	4070	
Pictured Cliffs	4159	

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