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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

RECEIVED
BLM

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

2. TYPE OF COMPLETION:

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. REMVR. ☐

Other ☐

3. NAME OF OPERATOR

NASSAU RESOURCES, INC.

4. ADDRESS OF OPERATOR

P O BOX 809, Farmington, N.M. 87499

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1780' FSL - 1590' FWL

At top prod. interval reported below

At total depth

14. FORMER API#

DATE ISSUED

30-039-25149

11-19-91

15. DATE SPUNDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (OF, RKB, RT, OR, ETC.)*

19. ELEV. CASINGHEAD

10/4/93

10/11/93

10-20-93

7065' GL

7065' GL

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

4225' KB

4179 w/ CIBP at 4100'

NA

TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL SURVEY MADE

4002 - 4070' KB

Pictured Cliffs

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Microlog, Spectral Density Dual Spaced Nuetron

27. WAS WELL CORED

Dual Induction Short Guard, GR-CCL-CBL

NO

CASING RECORD (Report all strings set in well)

CASING SIZE

WEIGHT, LB./FT.

DEPTH SET (MD)

HOLE SIZE

CEMENTING RECORD

AMOUNT PULLED

9-5/8"

36#

330' KB

12-1/4"

201 cu.ft. circ. to surf.

174 SY

5-1/2"

15.5#

4225' KB

8-3/4"

1650 cu.ft. circ. to surf.

745 SY

See reverse.

28. LINER RECORD

30. TUBING RECORD

SIZE

TOP (MD)

BOTTOM (MD)

BACKS CEMENT*

SCREEN (MD)

SIZE

DEPTH SET (MD)

PACKER SET (MD)

2-7/8"

4003' KB

CIBP at 4100'

31. INFORMATION RECORD (Interval, size, etc.)

4002-4011'

4014-4023

4027-4040

4058-4070

0.5" Total 47 shots

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

DEPTH INTERVAL (MD)

AMOUNT AND KIND OF MATERIAL USED

4002-4070'

1000 gal. 15% HCL acid

1700 bbls. Viking I 30# gel

197,000# of 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

10/20/93 *

Flowing

SI

DATE OF TEST

HOURS TESTED

CHOKER SIZE

PROD'N. FOR TEST PERIOD

OIL—BBL.

GAS—MCF.

WATER—BBL.

GAS-OIL RATIO

10/20/93

12

250"

→

- 0 -

298

30

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FLOW, TUBING PRESS.

CASING PRESSURE

CALCULATED 24-HOUR RATE

OIL—BBL.

GAS—MCF.

WATER—BBL.

OIL GRAVITY-API (CORR.)

410 psi

500 psi

→

- 0 -

595

60

34. COMPOSITION OF GAS (Mole, used for fuel, vented, etc.)

Vented during test - to be sold.

35. LIST OF ATTACHMENTS

* 1st hydrocarbons to wellbore during completion.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available information.

SIGNED

Fran Perrin

TITLE Regulatory Liasion

BY

ACCEPTED FOR RECORD
MURPHY BRASUEL
OCT 22 1993
FARMINGTON DISTRICT OFFICE
DATE 10/21/93

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

NMOCD

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.

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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			<u>Item #28</u> Cemented 9-5/8" casing as follows: 170 sx of Class "B" with 2% CaCl (201 cu. ft.) Cemented 5-1/2" casing as follows: 1st stage- 10 bbls. mud flush and 175 sx of 50/50 poz with 2% gel and 1/4#/sk gilsonite (20% EXC) (244 cu.ft.) 2nd stage- 10 bbls. mud flush and 520 sx of 65/35 poz (lead) with 12% gel and 6# gilsonite, 1/2#/sk celloseal. (1336 cu.ft.) Followed by 50 sx of 50/50 poz with 2% gel and 1/4#/sk gilsonite (70 cu.ft.) Total of 1650 cu.ft.	Ojo Alamo Kirtland Fruitland T/Basal Coal Pictured Cliffs	3406' 3510' 3690' 3970' 3998'	

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator NASSAU RESOURCES, INC.	Well API No. 30-039-25149
Address P O BOX 809, Farmington, N.M. 87499	
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)	
New Well ☐	Change in Transporter of:
Recompletion ☐	Oil ☐ Dry Gas ☐
Change in Operator ☐	Casinghead Gas ☐ Condensate ☐
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Carracas Unit-PC 36B	Well No. 11	Pool Name, Including Formation Undesignated Pictured Cliffs	Kind of Lease State, Federal or XXX	Lease No. NM 30585
Location Unit Letter K : 1780 Feet From The South Line and 1590 Feet From The West Line Section 36 Township 32N Range 4W , NMPM , Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐ WATER 2807218	Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒ Nassau Resources, Inc. 2807215	Address (Give address to which approved copy of this form is to be sent) P O BOX 809, Farmington, N.M. 87499	
If well produces oil or liquids, wtr. ☐ Unit ☐ Sec. ☐ Twp. ☐ Rge. ☐ give location of tanks. only K 36 32N 4W	Is gas actually connected? NO	When? est. 10/22/93

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
		X	X					
Date Spudded 10/4/93	Date Compl. Ready to Prod. 10/20/93		Total Depth 4225'		P.B.T.D. 4179 w/ CIBP at 4100'			
Elevations (DF, RKB, RT, GR, etc.) 7065' GL	Name of Producing Formation Undesignated PC		Top Oil/Gas Pay 4002'		Tubing Depth 4003'			
Perforations 4002-4070'					Depth Casing Shoe 4225' KB			

TUBING, CASING AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	9-5/8"	330' KB	201 cu.ft. circ. to surf.
8-3/4"	5-1/2"	4225' KB	1650 cu.ft. circ. to surf.
	2-7/8"	4003' KB	

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size OCT 22 1993
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF OIL CON. DIV.

GAS WELL

Actual Prod. Test - MCF/D 595	Length of Test 12 hrs.	Bbls. Condensate/MMCF -0-	Gravity of Condensate -0-
Testing Method (pilot, back pr.) Flowing	Tubing Pressure (Shut-in) 505 psi	Casing Pressure (Shut-in) 610 psi	Choke Size .250"

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Fran Perrin
Signature
Fran Perrin Regulatory Liaison
Printed Name
10/21/93 **505 326-7793**
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **OCT 22 1993**

By Original Signed by **CHARLES GHOLSON**

Title **DEPUTY OIL & GAS INSPECTOR, DIST. #3**

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for change of operator, well name, or number.