

Sec : 19 Twp : 32N Rng : 04W Section Type : NORMAL

1 35.08 Federal owned A	C 40.00 Federal owned	B 40.00 Federal owned	A 40.00 Federal owned A A
2 35.11 Federal owned	F 40.00 Federal owned	G 40.00 Federal owned	H 40.00 Federal owned
3 35.15 Federal owned	K 40.00 Federal owned	J 40.00 Federal owned	I 40.00 Federal owned
4 35.18 Federal owned	N 40.00 Federal owned	O 40.00 Federal owned	P 40.00 Federal owned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0136  
Expires: November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work ☒ DRILL ☐ REENTER  
1b. Type of Well ☐ Oil Well ☒ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
Energen Resources Corporation

3a. Address 3b. Phone No. (include area code)  
2198 Bloomfield Highway Farmington, New Mexico 87401 (505) 325-6800

4. Location of Well (Report location clearly and in accordance with any State requirements)\*

At surface 735' FNL, 310' FEL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

18 miles North of Gobernador, New Mexico

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drg. unit line, if any) 310'

16. No. of Acres in lease 2560

17. Spacing Unit dedicated to this well 320 ~~500~~ E/2

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft. 50'

19. Proposed Depth 4239'

20. BLM/BIA Bond No. on file

21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7363' GL

22. Approximate date work will start\* August 2003

23. Estimated duration 5 Days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature Don Graham Name (Printed/Typed) Don Graham Date 5/30/03

Title Production Superintendent

Approved by (Signature) [Signature] Name (Printed/Typed) Date 6-8-04

Title AEM Office FFG

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

\*(Instructions on Reverse)

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS".

HOLD C104 FOR NSL

NMOCD

RECEIVED  
2003 JUN 12 AM 11:06  
070 Farmington, NM

District I  
PO Box 1980, Hobbs, NM 88241-1980

District II  
PO Drawer 00, Artesia, NM 88211-0719

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

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

*API Number <b>30039-27457</b>		*Pool Code <b>71629</b>	*Pool Name <b>BASIN FRUITLAND COAL</b>
*Property Code <b>32938</b>	*Property Name <b>CARRACAS CANYON UNIT 19B</b>		*Well Number <b>19B-1R</b>
*GRID No. <b>162928</b>	*Operator Name <b>ENERGEN RESOURCES CORPORATION</b>		*Elevation <b>7363'</b>

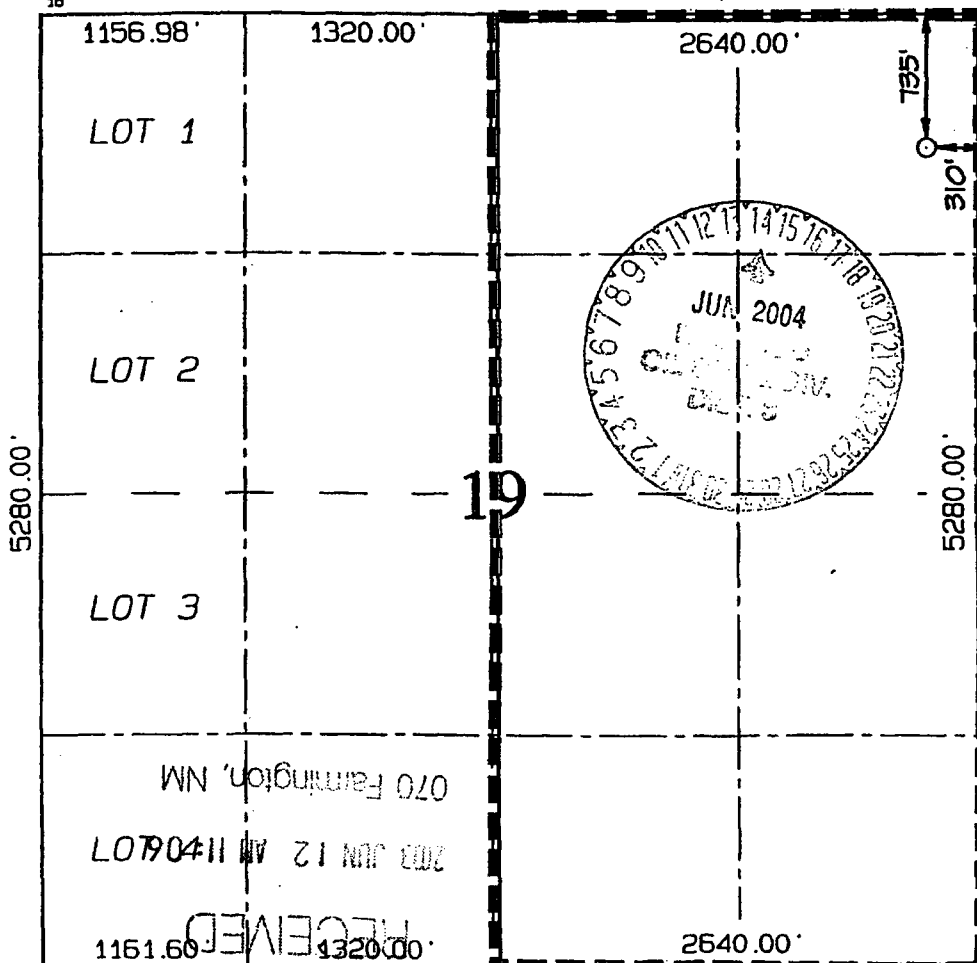
10 Surface Location

UL or lot no. <b>A</b>	Section <b>19</b>	Township <b>32N</b>	Range <b>4W</b>	Lot Idn	Feet from the <b>735</b>	North/South line <b>NORTH</b>	Feet from the <b>310</b>	East/West line <b>EAST</b>	County <b>RIO ARriba</b>
---------------------------	----------------------	------------------------	--------------------	---------	-----------------------------	----------------------------------	-----------------------------	-------------------------------	-----------------------------

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres <b>320.0 Acres - (E/2)</b>					13 Joint or Infill	14 Consolidation Code	15 Order No.		

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

*Don Graham*  
Signature

Don Graham

Printed Name

Production Superintendent

Title

*6-11-03*

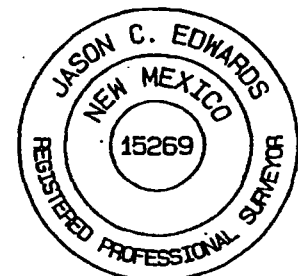
Date

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey: APRIL 23, 2003

Signature and Seal of Professional Surveyor



*Jason C. Edwards*  
Certificate Number 15269

CMD : ONGARD 09/17/04 13:12:10  
 OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPO2

API Well No : 30 39 27457 Eff Date : 06-08-2004 WC Status : N  
 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)  
 OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
 Prop Idn : 32938 CARRACAS 19 B

Well No : 001R  
 GL Elevation: 7363

U/L Sec Township Range North/South East/West Prop/Act (P/A)  
 -----  
 B.H. Locn : A 19 32N 04W FTG 735 F N FTG 310 F E P  
 Lot Identifier:  
 Dedicated Acre: 320.00  
 Lease Type : F  
 Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll  
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06  
 PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

CMD :	ONGARD	09/17/04 13:12:06
OG6CLOG	C105-WELL COMPLETION OR RECOMP CASING LOG	OGOMES -TP02

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION

Prop Identifier : 32938 CARRACAS 19 B

API Well Identifier : 30 39 27457

Well No : 001R

Surface Locn - UL : A Sec : 19 Twp : 32N Range : 04W Lot Idn :

Multiple comp (S/M/C) : S      TVD Depth (Feet) :      MVD Depth (Feet) :

Spud Date : P/A Date :

Casing/Linear Record:

S Size (inches)	Grade Weight (lb/ft)	Depth(ft) Top-Liner	Depth(ft) Bot-Liner	Hole Size (inches)	Cement (Sacks)	----- TOC ----- (feet)	Code
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E0004: No matching record found. Enter data to create.

PF01	HELP	PF02	EXIT	PF03	GOTO	PF04	CONFIRM
PF07		PF08	COMMENT	PF09	TLOG	PF10	
						PF11	
						PF12	

PF07	PF08	PF09 COMMENT	PF10 TLOG	PF11	PF12
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CMD : ONGARD  
OG6ACRE C102-DEDICATE ACREAGE

09/17/04 13:12:14  
OGOMES -TPO2  
Page No : 1

API Well No : 30 39 27457 Eff Date : 04-30-1991  
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)  
Prop Idn : 32938 CARRACAS 19 B  
Spacing Unit : 8617 OCD Order :  
Sect/Twp/Rng : 19 32N 04W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot Idn
A	19	32N	04W		40.00	N	FD	
B	19	32N	04W		40.00	N	FD	
G	19	32N	04W		40.00	N	FD	
H	19	32N	04W		40.00	N	FD	
I	19	32N	04W		40.00	N	FD	
J	19	32N	04W		40.00	N	FD	
O	19	32N	04W		40.00	N	FD	
P	19	32N	04W		40.00	N	FD	

E0005: Enter data to modify or PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

November 7, 1988

Nassau Resources, Inc.  
c/o Jerome P. McHugh & Associates  
P.O. Box 809  
Farmington, NM 87499-0809

Attention: James S. Hazen

Administrative Order NSL-2597

Dear Mr. Hazen:

Reference is made to your application of October 18, 1988 for a non-standard gas well location for your Carracas Unit 19-B Well No. 1 to be located 750 feet from the North line and 400 feet from the East line (Unit A) of Section 19, Township 32 North, Range 4 West, NMPM, to test the Fruitland (Sand) formation, Rio Arriba County, New Mexico. The NE/4 of said Section 19 shall be dedicated to the well forming a standard 160-acre gas spacing and proration unit.

By the authority granted me under the provisions of General Rule 104 F(I), the above-described unorthodox gas well location is hereby approved.

Sincerely,

  
William J. Lemay  
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec  
New Mexico Oil & Gas Engineering Committee - Hobbs  
US Bureau of Land Management - Farmington



STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

GARREY CARRUTHERS  
GOVERNOR

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

April 11, 1989

Nassau Resources, Inc.  
c/o Jerome P. McHugh & Associates  
P.O. Box 809  
Farmington, NM 87499-0809

Attention: Fran Perrin:

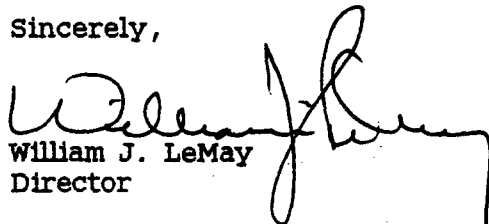
Amended Administrative Order NSL-2597

Dear Ms. Perrin:

Reference is made to your application of February 13, 1989 to amend Division Administrative Order NSL-2597 to include the Basin-Fruitland Coal (Gas) Pool. Said NSL-2597, dated November 7, 1988, authorized a non-standard gas well location for the Carracas Unit 19-B Well No. 1 to be drilled 750 feet from the North line and 400 feet from the East line (Unit A) of Section 19, Township 32 North, Range 4 West, NMPM, to test the Fruitland (Sand) Formation, Rio Arriba County, New Mexico, the NE/4 of said Section 19 to be dedicated to said well forming a standard 160-acre gas spacing and proration unit.

By authority granted me under the provisions of Rule 8 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool as promulgated by Division Order No. R-8768, the above-described well is hereby approved as an unorthodox coal gas well location. The E/2 of said Section 19 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool. Furthermore, other provisions of the original order shall remain in full force and effect until further notice.

Sincerely,

  
William J. LeMay  
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec  
New Mexico Oil & Gas Engineering Committee - Hobbs  
US Bureau of Land Management - Farmington



CMD : ONGARD 09/17/04 13:11:41  
 OGIWCM INQUIRE WELL COMPLETIONS OGOMES -TPO2

API Well No : 30 39 24401 Eff Date : 06-01-2003 WC Status : T  
 Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)  
 OGRID Idn : 162928 ENERGEN RESOURCES CORPORATION  
 Prop Idn : 32937 CARRACAS UNIT 19 B

Well No : 001  
 GL Elevation: 7340

U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: A	19	32N	04W	FTG 750 F N FTG 400 F E	P
Lot Identifier:						
Dedicated Acre:	320.00					
Lease Type	: F					
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :						

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 09/17/04 13:11:36  
 OG6CLOG C105-WELL COMPLETION OR RECOMP CASING LOG OGOMES -TPO2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Prop Identifier : 32937 CARRACAS UNIT 19 B  
 API Well Identifier : 30 39 24401 Well No : 001  
 Surface Locn - UL : A Sec : 19 Twp : 32N Range : 04W Lot Idn :  
 Multiple comp (S/M/C) : S TVD Depth (Feet) : 4245 MVD Depth (Feet) :  
 Spud Date : 10-07-1989 P/A Date :  
 Casing/Linear Record:

S Size	Grade Weight	Depth(ft)	Depth(ft)	Hole Size	Cement	----	TOC	----
(inches)	(lb/ft)	Top-Liner	Bot-Liner	(inches)	(Sacks)	(feet)	Code	
99.000	99.0	99999.0	99999.0	99.000	9999	99999	C	

E0009: Enter data to modify record

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 PF08 PF09 COMMENT PF10 TLOG PF11 PF12

CMD :  
OG6ACRE

ONGARD  
C102-DEDICATE ACREAGE  
09/17/04 13:11:44  
OGOMES -TPO2  
Page No : 1

API Well No : 30 39 24401 Eff Date : 04-30-1991  
Pool Idn : 71629 BASIN FRUITLAND COAL (GAS)  
Prop Idn : 32937 CARRACAS UNIT 19 B  
Spacing Unit : 8617 OCD Order :  
Sect/Twp/Rng : 19 32N 04W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
A	19	19	32N	04W	40.00	N	FD		
B	19	19	32N	04W	40.00	N	FD		
G	19	19	32N	04W	40.00	N	FD		
H	19	19	32N	04W	40.00	N	FD		
I	19	19	32N	04W	40.00	N	FD		
J	19	19	32N	04W	40.00	N	FD		
O	19	19	32N	04W	40.00	N	FD		
P	19	19	32N	04W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF

CMD :  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL

09/17/04 13:11:53  
OGOMES -TPO2  
Page No: 1

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY  
Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)

API Well No : 30 39 24401 Report Period - From : 01 1993 To : 08 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 24401 CARRACAS UNIT 19 B	01 02 31		F
30	39 24401 CARRACAS UNIT 19 B	02 02 28		F
30	39 24401 CARRACAS UNIT 19 B	03 02 31		F
30	39 24401 CARRACAS UNIT 19 B	04 02 30		F
30	39 24401 CARRACAS UNIT 19 B	01 03		S
30	39 24401 CARRACAS UNIT 19 B	02 03		S
30	39 24401 CARRACAS UNIT 19 B	03 03		S

Reporting Period Total (Gas, Oil) : -----

M0025: Enter PF keys to scroll  
PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 09/17/04 13:11:56  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPO2  
 Page No: 2

OGRID Identifier : 778 BP AMERICA PRODUCTION COMPANY  
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)

API Well No : 30 39 24401 Report Period - From : 01 1993 To : 08 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water Stat
30	39 24401 CARRACAS UNIT 19 B	04 03	S
30	39 24401 CARRACAS UNIT 19 B	05 03	F

Reporting Period Total (Gas, Oil) :

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 09/17/04 13:35:39  
 OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPO2  
 Page No: 1

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
 Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)

API Well No : 30 39 24401 Report Period - From : 01 1993 To : 08 2004

API Well No	Property Name	Prodn. Days MM/YY Prod	Production Volumes Gas Oil Water	Well Stat
30	39 24401 CARRACAS UNIT 19 B	06 03		T
30	39 24401 CARRACAS UNIT 19 B	07 03		T
30	39 24401 CARRACAS UNIT 19 B	08 03		T
30	39 24401 CARRACAS UNIT 19 B	09 03		T
30	39 24401 CARRACAS UNIT 19 B	10 03		T
30	39 24401 CARRACAS UNIT 19 B	11 03		T
30	39 24401 CARRACAS UNIT 19 B	12 03		T

Reporting Period Total (Gas, Oil) : -----

M0025: Enter PF keys to scroll  
 PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06 CONFIRM  
 PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

CMD : ONGARD 09/17/04 13:35:45  
OG6IPRD INQUIRE PRODUCTION BY POOL/WELL OGOMES -TPO2  
Page No: 2

OGRID Identifier : 162928 ENERGEN RESOURCES CORPORATION  
Pool Identifier : 71629 BASIN FRUITLAND COAL (GAS)

API Well No : 30 39 24401 Report Period - From : 01 1993 To : 08 2004

API Well No	Property Name	Prodn. Days		Production Volumes			Well
		MM/YY	Prod	Gas	Oil	Water Stat	
30	39 24401 CARRACAS UNIT 19 B	01	04				T
30	39 24401 CARRACAS UNIT 19 B	02	04				T
30	39 24401 CARRACAS UNIT 19 B	03	04				T
30	39 24401 CARRACAS UNIT 19 B	04	04				T
30	39 24401 CARRACAS UNIT 19 B	05	04				T
30	39 24401 CARRACAS UNIT 19 B	06	04				T

Reporting Period Total (Gas, Oil) : -----

E0049: User may continue scrolling.

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM  
PF07 BKWD PF08 FWD PF09 PF10 NXTPool PF11 NXTOGD PF12

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

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

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

At surface

750' FNL - 400' FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

± 33 miles N. of Gobernador, N.M.

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 400'

16. NO. OF ACRES IN LEASE

2,482.20

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

2/3 mile

19. PROPOSED DEPTH

4110'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

1600 320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

7340' GL ; 7351' KB

This action is subject to technical and  
procedural review pursuant to 43 CFR 3185.3

and appeal pursuant to 43 CFR 3185.4.

PROPOSED CASING AND CEMENTING PROGRAM

22. APPROX. DATE WORK WILL START\*

11/88

23.

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	9-5/8"	36#	250'	150 cu.ft. circ. to surface.
7-7/8"	5-1/2"	15.5#	4110'	890 cu.ft. circ. to surface.

Plan to drill with spud mud to set 250' of surface casing. Will then drill with water and gel-chem. mud to test the Fruitland coal zone at ± 4110'. Will run DIL-GR-SP and FDC-CNL-GR Caliper logs. If well appears productive, will set 5-1/2" casing at TD, cement in 1 stage, selectively perforate, frac, clean out after frac and complete with 2-7/8" tubing.

GAS IS NOT DEDICATED.

RECEIVED

SEP 01 1988

CON. DIV.  
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James S. Hazen

TITLE

Field Supt.

DATE

9/21/88

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NSL-25976K

NMOCC

\*See Instructions On Reverse Side



All distances must be from the outer boundaries of the Section.

Operator Nassau Resources, Inc.		Lease Carracas Unit 19 B		Well No. 1
Unit Letter A	Section 19	Township 32 North	Range 4 West	County Rio Arriba
Actual Footage Location of Well: 750 feet from the North line and 400 feet from the East line				
Ground Level Elev. 7340	Producing Formation Fruitland	Pool Basin Fruitland Coal	Dedicated Acres 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Carracas Unit - Unitization

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

RECEIVED MAIL ROOM 88 DEC 15 AM 9:08 FARMINGTON RESOURCE AREA FARMINGTON, NEW MEXICO	NM 30015 Kindermac Partners		750'
	SECTION 19		400'

#### CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

*Fran Perrin*

Name

Fran Perrin

Position

Admin. Asst.

Company

Nassau Resources, Inc.

Date

12/8/88

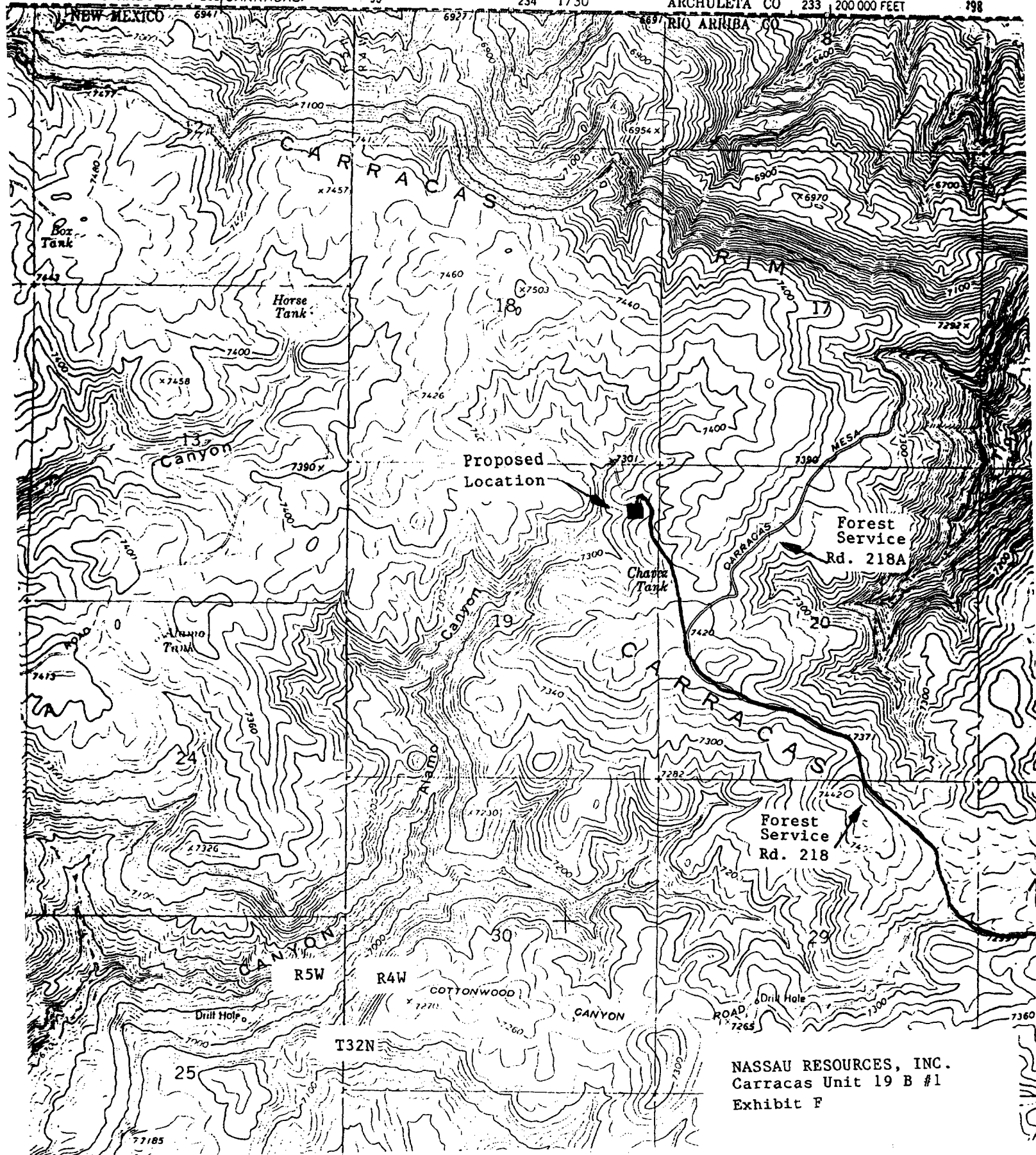
I hereby certify that the location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

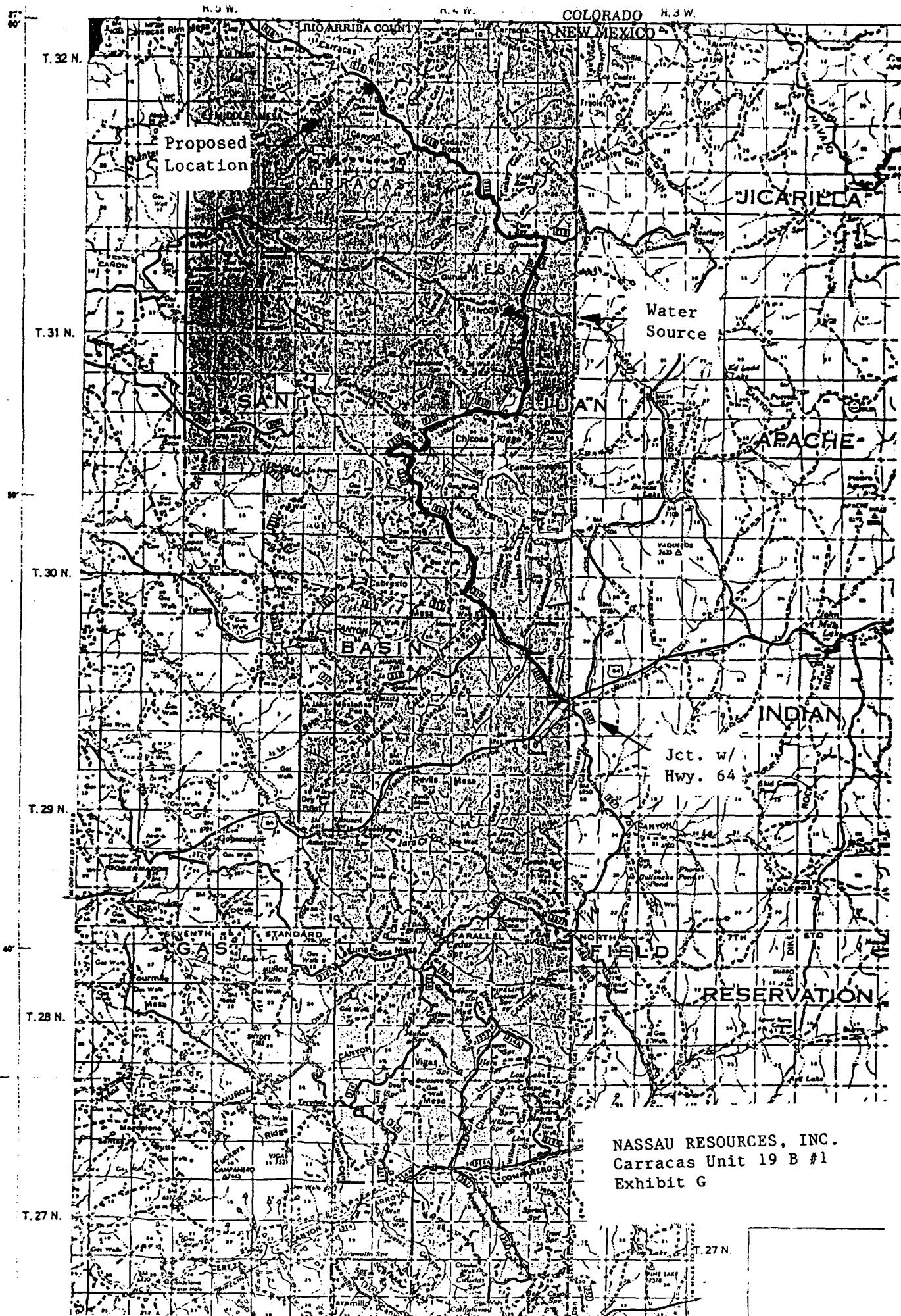
Date Surveyed

August 31, 1988

Registered Professional Engineer  
and/or Land Surveyor

*Edgar L. Risenhoover*  
Certified to the State of New Mexico





NASSAU RESOURCES, INC.  
Carracas Unit 19 B #1  
Exhibit G

DH/1  
DB



GARREY CARRUTHERS  
GOVERNOR

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

17-2d N 7W ...  
Carracas Unit 19-B  
#1

of  
(8)

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

April 11, 1989

Nassau Resources, Inc.  
c/o Jerome P. McHugh & Associates  
P.O. Box 809  
Farmington, NM 87499-0809

Attention: Fran Perrin:

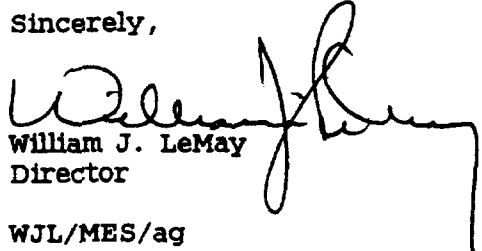
Amended Administrative Order NSL-2597

Dear Ms. Perrin:

Reference is made to your application of February 13, 1989 to amend Division Administrative Order NSL-2597 to include the Basin-Fruitland Coal (Gas) Pool. Said NSL-2597, dated November 7, 1988, authorized a non-standard gas well location for the Carracas Unit 19-B Well No. 1 to be drilled 750 feet from the North line and 400 feet from the East line (Unit A) of Section 19, Township 32 North, Range 4 West, NMPM, to test the Fruitland (Sand) Formation, Rio Arriba County, New Mexico, the NE/4 of said Section 19 to be dedicated to said well forming a standard 160-acre gas spacing and proration unit.

By authority granted me under the provisions of Rule 8 of the Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool as promulgated by Division Order No. R-8768, the above-described well is hereby approved as an unorthodox coal gas well location. The E/2 of said Section 19 shall be dedicated to the well forming a standard 320-acre gas spacing and proration unit for said pool. Furthermore, other provisions of the original order shall remain in full force and effect until further notice.

Sincerely,

  
William J. LeMay  
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec  
New Mexico Oil & Gas Engineering Committee - Hobbs  
US Bureau of Land Management - Farmington

RECEIVED  
APR 13 1989  
OIL CON. DIV.  
DIST. 3



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-6178

OIL CONSERVATION DIVISION  
BOX 2088  
SANTA FE, NEW MEXICO 87501

DATE 2-15-89

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL ✓ \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 2-13-89  
for the Northern Resources, Inc. Carrasco Unit 19B #1 A-19-32N-4W  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours truly,

E. J. Burch

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

1 File 1 Amoco  
SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 30015

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

750' FNL - 400' FEL

7. UNIT AGREEMENT NAME

Carracas Unit

8. FARM OR LEASE NAME

Carracas Unit 19 B

9. WELL NO.

#1

10. FIELD AND FOOT, OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLM. AND  
SURVEY OR AREA

Sec. 19, T32N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7340' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Spud, 9-5/8" csg., cement

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Spudded at 5 pm on 10-7-89 with Arapahoe rig #6.

Ran 7 jts. of 36#, K-55, LT&C casing.

Set at 306' KB.

Cemented as follows:

135 sx of Class "B" with 2% CaCl & 1/4#/sk cello flake (159 cu.ft.)

Circulated 2 bbls. to surface.

Plug down at 7:30 am on 10-8-89.

Pressure tested to 600 psi for 30 minutes. Held ok.

RECEIVED

OCT 12 1989

OIL CON. DIV.  
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

Fran Perrin

TITLE Admin. Asst.

DATE 10/9/89

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

OCT 12 1989

FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

BY

Jerome P. McHugh & Associates  
P O Box 809, Farmington, New Mexico 87499-0809  
(505) 326-7793

October 19, 1989

New Mexico Oil Conservation Division  
1000 Rio Brazos Rd.  
Aztec, NM 87410

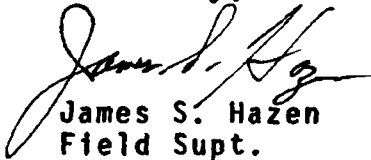
RE: NASSAU RESOURCES, INC.  
Carracas Unit 19 B #1  
Unit A, Sec. 19, T32N, R4W, NMPM  
Rio Arriba County, NM

Gentlemen:

I hereby certify that deviation surveys were run on the captioned well as listed below.

3/4° at 310'	1-3/4° at 2602'
3/4° at 806'	1-3/4° at 3088'
1-1/4° at 1793'	1-1/2° at 3586'
1-1/2° at 2281'	1-3/4° at 3989'

Sincerely,

  
James S. Hazen  
Field Supt.

cm

State of New Mexico     )  
County of San Juan     )     ss

Subscribed and sworn to before me this 19th day of Oct., 1989.

  
Notary Public

**RECEIVED**

OCT 23 1989

OIL CON. DIV.

Main Office  
Jerome P. McHugh & Associates  
Operating Affiliate: Nassau Resources, Inc.  
650 South Cherry, Suite 1225  
Denver, Colorado 80222  
(303) 321-2111



**OFFICIAL SEAL**  
**FRANCES PERRIN**  
NOTARY PUBLIC - NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires 5-15-93

(November 1983)  
(Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

STANDARD FORM NO. 1001-100  
(Other instructions on reverse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL

NM 30015

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER ☐  
2. NAME OF OPERATOR  
NASSAU RESOURCES, INC.  
3. ADDRESS OF OPERATOR  
P.O. Box 809, Farmington, N.M. 87499  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
750' FNL - 400' FEL

7. UNIT AGREEMENT NAME

Carracas Unit

8. FARM OR LEASE NAME

Carracas Unit 19 B

9. WELL NO.

#1

10. FIELD AND POOL OR WILDCAT

Basin Fruitland Coal

11. SEC., T., R., M., OR BLK. AND  
SUBST. OR AREA

Sec. 19, T32N, R4W

12. COUNTY OR PARISH 13. STATE

Rio Arriba NM

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, CR, etc.)

7340' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) TD, 5-1/2" csg., cement

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

XX

(NOTE: Report results of multiple completion on Well Completion or Reconpletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Reached TD of 4245' KB on 10/14/89.

Ran 108 jts. of 5-1/2", 15.5#, K-55, LT&C casing.

Set at 4242' KB.

Cemented as follows:

548 sx of 65/35 poz w/ 12% gel, & 1/4#/sk celloflake (1435 cu.ft.)

100 sx of 50/50 poz w/ 2% gel, 6-1/4#/sk kolseal & 1/4#/sk celloflake

(139 cu.ft.)

Total of 1574 cu.ft.

Full returns throughout job.

Mud flush circulated to surface.

Plug down at 9:15 am on 10/15/89.

Set slips and released rig at 12:00 noon on 10/15/89.

RECEIVED

NOV 1 6 1989

OIL CON. DIV  
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

Fran Perrin  
Fran Perrin

TITLE Admin. Asst.

DATE 10/16/89

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

DATE RECEIVED FOR RECORD

NOV 15 1989

FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

AMOCO

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.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions 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 ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR

NASSAU RESOURCES, INC.

3. ADDRESS OF OPERATOR

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

4. LOCATION OF WELL (Report location clearly and in accordance with applicable requirements)\*

At surface

750' FNL - 400' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. API # 30-039-24401

NOV 16 1989

CON. DIV.

DIST. 3

15. DATE SPUDDED 10/7/89 16. DATE T.D. REACHED 10/14/89 17. DATE COMPL. (Ready to prod.) 10/28/89 18. ELEVATIONS (DF, RKB, RT, OB, ETC.)\* 7340' GL; 7351' KB 19. ELEV. CASINGHEAD 7339' GL

20. TOTAL DEPTH, MD & TVD 4245' KB 21. PLUG BACK T.D., MD & TVD 4177' KB 22. IF MULTIPLE COMPL., HOW MANY\* NA 23. INTERVALS DRILLED BY ROTARY TOOLS TD CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 4096' - 4116' KB Basin Fruitland Coal 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction - SFL, Compensated Nuetron-Format Density, GR-CCL 27. WAS WELL CORRED NO

28. CASING RECORD (Report all strings set in well)

CASINO SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	306' KB	12-1/4"	159 cu.ft. circ. to surf.	---
5-1/2"	15.5#	4242' KB	8-3/4"	1574 cu.ft. circ. to surf.	---
See Reverse					---

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA					2-7/8"	4124' KB	---

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

4096' - 4116' KB, .45" diam. holes

4 spf, Total of 80 perfs

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4096-4116' KB	500 gal 15% HCL acid
	1850 bbls. GWX-9 35# fluid
	48,000# of 40/70 sand
	180,000# 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)	
10/28/89*		Pumping					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
10/29/89	24	0.250"	→	---	12	191	--	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
265psi	265 psi	→	---	12	191	ACCEPTED FOR		

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

Vented during test; to be sold

TEST WITNESSED BY

Elmer Perry NOV 16 1989

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

Fran Perrin

TITLE

Admin. Asst.

DATE

11/1/89

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

27. 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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			<p><u>Item #28</u></p> <p>Cemented 9-5/8" casing as follows:  135 sx of Class "B" with 2% CaCl &amp;  &amp; 1/4#/sk cello flake (159 cu.ft.)</p> <p>Cemented 5-1/2" casing as follows:  548 sx of 65/35 poz w/ 12% gel, &amp;  1/4#/sk celloflake (1435 cu.ft.)  100 sx of 50/50 poz w/ 2% gel, 6-1/4#/sk  kolseal &amp; 1/4#/sk celloflake  (139 cu.ft.)  Total of 1574 cu.ft.</p>	<p>Ojo Alamo</p> <p>Kirtland</p> <p>Fruitland</p> <p>Fruitland Coal</p>	<p>3455'</p> <p>3576'</p> <p>3877'</p> <p>4096'</p>	

Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of Page

OIL CONSERVATION DIVISION

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

DISTRICT II  
P.O. Drawer 112, Artesia, NM 88210

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 APN No. 30-039-24401
Address P O BOX 809, Farmington, N.M. 87499		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
New Well <input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>	Dry Gas <input type="checkbox"/>
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>	Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Carracas Unit 19 B	Well No. 1	Pool Name, Including Formation BASin Fruitland Coal	Kind of Lease 30% Federal or P&T X	Lease No. NM 30015
Location Unit Letter A : 750 Feet From The North Line and 400 Feet From The East Line Section 19 Township 32N Range 4W, NMPL, Rio Arriba County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
NASSAU RESOURCES, INC.	P O BOX 809, Farmington, N.M. 87499					
If well produces oil or liquids, give location of tanks	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When?
water only	A	19	32N	4W	Yes	10/28/89

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 10/7/89	Date Compl. Ready to Prod. 10/28/89		Total Depth 4245' KB		P.B.T.D. 4177' KB			
Elevations (DF, RKB, RT, GR, etc.) 7340' GL	Name of Producing Formation Fruitland Coal		Top Oil/Gas Pay 4096' KB		Tubing Depth 4124' KB			
Perforations 4096 - 4116' KB					Depth Casing Shoe 4242' KB			
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/4"	9-5/8"		306' KB		159 cu.ft.			
8-3/4"	5-1/2"		4242' KB		1574 cu.ft.			
	2-7/8"		4124' 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
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D 12	Length of Test 24	Bbls. Condensate/MMCF ---	Gravity of Condensate ---
Testing Method (pilot, back pr.) Pumping	Tubing Pressure (Shut-in) 0 psi	Casing Pressure (Shut-in) 197 psi	Choke Size 0.250"

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 Admin. Asst.  
Printed Name Title  
Date 11-1-89 505 326-7793 Telephone No.

OIL CONSERVATION DIVISION

Date Approved NOV 18 1989

By Original Signed by FRANK T. CHAVEZ

Title SUPERVISOR DISTRICT # 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 changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other Instructions  
verse side)

Expires August 31, 1985  
5. LEASE DESIGNATION AND SERIAL

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER  
2. NAME OF OPERATOR  
NASSAU RESOURCES, INC.  
3. ADDRESS OF OPERATOR  
P.O. Box 809, Farmington, N.M. 87499  
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
750' FNL - 400' FEL

14. PERMIT NO. API# 30-039-24401  
15. ELEVATIONS (Show whether OF, AT, GR, etc.)  
7340' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) conversion

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was shut in 12/90 due to low gas prices and high operating costs. Nassau Resources, Inc. is converting wells from rod pump to plunger lift or gas lift to reduce operating costs. This well is scheduled for conversion and return to production in 9/95.

RECEIVED  
JUN 20 1994

OIL CON. DIV.  
DIST. 3

OCT 01 1995

THIS APPROVAL EXPIRES

070 FARMINGTON, NM

54 JUN 15 PM 2:40

RECEIVED  
BLM

18. I hereby certify that the foregoing is true and correct

SIGNED

Fran Perrin

TITLE Regulatory Liaison

DATE 6/14/94

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

\*See Instructions 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.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**VASTAR RESOURCES, INC.**

3. Address and Telephone No.

**1816 E. MOJAVE ST., FARMINGTON, NM 87401 (505) 599-4300**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**NENE 750' FNL & 400' FEL SEC. 19, T-32N, R-4W**

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

**NM 30015**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**CARRACAS UNIT**

8. Well Name and No.

**CARRACAS 19 B # 1**

9. API Well No.

**30-039-24401**

10. Field and Pool, or Exploratory Area

**BASIN FRUITLAND COAL**

11. County or Parish, State

**RIO ARRIBA, NM**

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other **RE-PERF & RE-FRAC**

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Vastar elected to reperforate and refrac the Fruitland Coals in the subject well in an attempt to increase gas flow rates. Reperforated Fruitland Coal fm 4096-4118 (22'), Total 22' w/ 4 spf adding 88 holes w/ 0.42" diameter and treated all perfs w/ 1,000 gal 10 % formic acid followed w/ 81,367 gal 25#/ 20# Delta frac 140 gel w/ sandwedge containing 1,814 sx 20/40 Brady sand. After cleaning out the 5 1/2" csg to 4177', (PBTD), a 1.9", 2.76#, J-55, 10RD IJ tbg assembly was run w/ 2 GLM'S, profile nipple, and WL re-entry guide. No pkr, EOT at 4078'. Flowed and cleaned well to a flowback tank and prepare to turn the well return to production. Operations started on 06/23/2000 and were completed on 08/03/2000.

cc: BLM, Farmington (Or + 3)

N. Hall  
Well File

14. Thereby certify that the foregoing is true and correct

Signed *Sam Morgan*

Title **WORKOVER SUPERVISOR**

Date **08/3/2000**

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**ACCEPTED FOR RECORD**

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.

\*See Instruction on Reverse Side

**NMOCD**

**AUG 15 2000**

*SMH*



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division

May 25, 2001

Amoco Production Company  
ATTN: Mary Corley  
PO Box 3092  
Houston TX 77253

RE: Carracas unit 19B, 001, A-19-32N-04W API 30-039-24401

Dear Ms. Corley:

Our records indicate that the well listed above is inactive. This well is not in compliance with Rule 201.B. The last reported production was 1990.

You are hereby directed to bring this well into compliance before July 15, 2001, review Rules 202 and 203 for the necessary filing requirements to plug and abandon, temporarily abandon or return this well to production..

If you have any questions, please call me at 505-334-6178, ext. 16.

Sincerely,

Charlie T Perrin  
Deputy Oil & Gas Inspector  
cperrin@state.nm.us

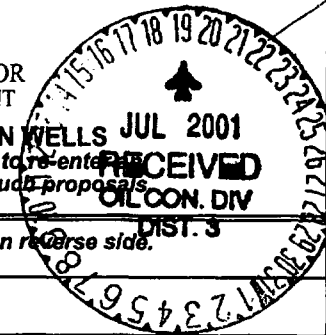
CTP/mk

CC: Well file  
CP

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000



**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM - 30015
2. Name of Operator VASTAR RESOURCES, INC.		6. If Indian, Allottee or Tribe Name
Contact: MARY CORLEY E-Mail: corleyml@bp.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address P.O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	8. Well Name and No. CARRACAS UNIT 19B 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T32N R4W Mer NENE 750FNL 400FEL		9. API Well No. 30-039-24401
		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
		11. County or Parish, and State RIO ARriba COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

It is our intention to attempt to activate production, i.e., swab well or kick off with nitrogen, install artificial lift (plunger or rod pump) and/or add additional surface facilities for water storage. We anticipate completion by the end of the 4th Qtr of this year. We, therefore, respectfully request permission to maintain the wellbore in a shutin status until such well work can be accomplished.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #5618 verified by the BLM Well Information System For VASTAR RESOURCES, INC., sent to the Farmington Committed to AFMSS for processing by Maurice Johnson on 07/12/2001 ()	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature	Date 07/11/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date 7/17/01
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***



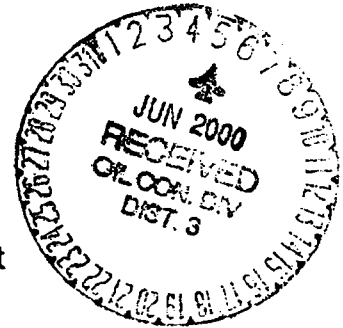
k

~~NASSAU~~

Nassau Resources, Inc.  
650 South Cherry, Suite 1225  
Denver, Colorado 80246-1894  
(303) 321-2111 FAX (303) 321-1563

May 30, 2000

Mr. Frank Chavez, Supervisor District 3  
New Mexico Energy, Minerals and Natural Resources Department  
Oil Conservation Division  
1000 Rio Brazos Road  
Aztec, New Mexico 87410



Re: Transfer of Ownership and Operations  
Rio Arriba County Wells

Dear Mr. Chavez:

Please be advised that effective January 1, 2000 Nassau Resources, Inc. (OGRID 015515) has sold all of its right, title and interest in the wells listed on attached Table 2 to Vastar Resources, Inc. (OGRID 036619), whose address is 1816 E. Mojave, Farmington, NM 87401. Vastar will become operator of the wells effective April 1, 2000.

This letter and table are in lieu of submitting individual Forms C-104 for the transfer of ownership of each well.

Thank you for your help in this matter.

Sincerely,  
Nassau Resources, Inc

Vastar Resources, Inc.

*for Michael H. Eller, COO*  
M. Burke McHugh  
President

*Tom E. Yelich*  
Tom E. Yelich  
Attorney-in-Fact



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. CARRACAS 19 B 1
2. Name of Operator BP AMERICA PRODUCTION CO		9. API Well No. 30-039-24401-00-S1
3a. Address P. O. BOX 3092 HOUSTON, TX 77253	3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700	10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T32N R4W NENE 0750FNL 0400FEL 36.97737 N Lat, 107.28781 W Lon		11. County or Parish, and State RIO ARriba COUNTY, NM

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Please reference telephone conversation on May 17, 2002, between representatives of BP America and Steve Mason, BLM and Charlie Perrin, NMOCD, regarding bringing various inactive wells into compliance.

BP is in the process of re-evaluating the production potential in the entire Carracas Canyon Unit. The subject well will most likely need artificial lift in order to maintain production. Equipment has not arrived for installation therefore, we request additional time to finish the field wide evaluation and installation of the surface equipment necessary to restore production. In order to bring the well into compliance pending the installation of surface equipment we have proceeded to perform a casing integrity test as follows:  
06/13/2002 MIRUSU NDWH & NUBOP. TOH W/prod. TBG. TIH & tag fill @ 4000'. Pressured CSG to 450#.  
Held OK. TOH. TIH & land Prod TBG @ 3963' ND BOP. NUWH. Well TA pending further evaluation.  
Pressure Charts submitted to NMOCD.

**THIS APPROVAL EXPIRES NOV 01 2002**

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #12173 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by Steve Mason on 06/27/2002 (02SXM0315SE)</b>	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 06/20/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By STEPHEN MASON	Title PETROLEUM ENGINEER	Date 06/27/2002
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office Farmington

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

**NMOCD**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM30015
2. Name of Operator BP AMERICA PRODUCTION CO		6. If Indian, Allottee or Tribe Name
3a. Address P. O. BOX 3092 HOUSTON, TX 77253		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 281.366.4491 Fx: 281.366.0700		8. Well Name and No. CARRACAS 19 B 1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 19 T32N R4W NENE 0750FNL 0400FEL 36.97737 N Lat, 107.28781 W Lon		9. API Well No. 30-039-24401-00-S1
		10. Field and Pool, or Exploratory BASIN FRUITLAND COAL
		11. County or Parish, and State RIO ARRIBA COUNTY, NM

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

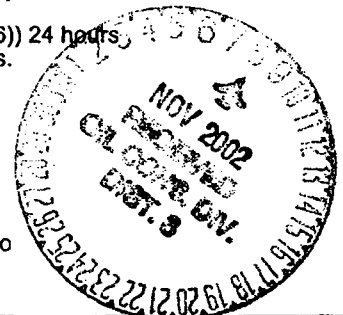
TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

BP America Production Company respectfully request permission to plug and abandon the subject well as per the following procedure:

Notify regulatory agencies (BLM-505-599-8907) and (NMOCD-Charlie Perrin 505-334-6178x16)) 24 hours in advance of plugging activity. Use Class 8#0216;B&#0217; neat cement for all cement plugs.

1. Check anchors. MIRU workover rig.
2. Check and record tubing, casing, and bradenhead pressures.
3. Blow down wellhead. If necessary, kill with 2% KCL water.
4. Nipple down WH. NU BOPs. Pressure test BOPs to 500 psi.
5. TOH with 1-1/2" tubing. If tubing is in poor condition, LD production tubing and PU 2-3/8" workstring to spot cement plugs. Note: CIBP is currently set at 4000' kb (3988' md).
6. Spot 400' cement plug (55 cu ft) from 3600' &#0214; 4000' kb above CIBP.
7. TOH to 3616' kb. Spot 350' balanced plug (48 cu ft) from 3266' &#0214; 3616' kb across Ojo  
Plug Nacimiento 2316'-2216'  
plug Surface casing shoe 356'-256'



14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #15350 verified by the BLM Well Information System For BP AMERICA PRODUCTION CO, sent to the Farmington Committed to AFMSS for processing by Steve Mason on 10/21/2002 (03SXM0034SE)	
Name (Printed/Typed) MARY CORLEY	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 10/21/2002

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By Original Signed: Stephen Mason	Title	Date 11/5/02
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\*

NMOCD

**Additional data for EC transaction #15350 that would not fit on the form**

**32. Additional remarks, continued**

Alamo.

8. TOH to 150' kb. Spot 150' plug (21 cu ft) from 150' kb to surface.

9. LD 2-3/8" workstring.

10. ND BOPs. Cut off casing and wellhead. Install P&A marker.

11. Rehabilitate location according to BLM/NMOCD regulations.

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104A  
March 19, 2001

Submit 1 copy of the final affected wells  
list along with 1 copy of this form per  
number of wells on that list to appropriate  
District Office

### Change of Operator

#### Previous Operator Information:

OGRID: 036619  
Name: Vastar Resources Inc.  
Address: P.O. Box 3092  
Address: \_\_\_\_\_  
City, State, Zip: Houston, Texas 77253

#### New Operator Information:

Effective Date: 12/31/2001  
New Ogrid: 000778  
New Name: BP America Production Company  
Address: P.O. Box 3092  
Address: \_\_\_\_\_  
City, State, Zip: Houston, TX 77253

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

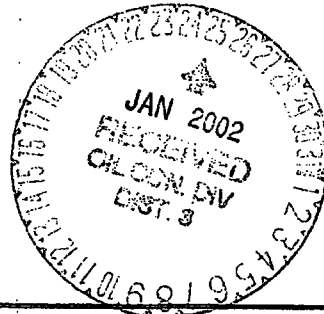
New Operator

Signature: Mary Corley

Printed name: Mary Corley

Title: Sr. Regulatory Specialist

Date: 12/10/2001 Phone: 281-366-4491



Previous operator complete below:

Previous

Operator: Vastar Resources Inc.

Previous

OGRID: 036619

Signature: Mary Corley

Printed

Name: Mary Corley

#### NMOCD Approval

Signature: \_\_\_\_\_

Printed

Name: 278

SUPERVISOR DISTRICT #3

District: \_\_\_\_\_

JAN 25 2002

Date: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
ENERGEN RESOURCES CORPORATION

3a. Address  
2198 Bloomfield Highway, Farmington, NM 87401

3b. Phone No. (include area code)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
750' FNL, 400' FEL, Sec. 19, T32N, R4W, NMPM

5. Lease Serial No.

6. Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No

Garrahus Unit

8. Well Name and No.  
Carracus Unit 19B 1

9. API Well No.

30-039-24401

10. Field and Pool, or Exploratory Area  
Basin Fruitland Coal

11. County or Parish, State

Rio Arriba NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Return to</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Production</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

Energen Resources plans to return this well to production as follows:

- 1) Pressure test casing to 550 psi.
- 2) TOH w/ 1 1/2" tubing (currenting set at 3963').
- 3) TIH & drill out CIBP at 4000'.
- 4) Clean out to PBTD @ 4177'.
- 5) TIH w/tbg and set at bottom perforation.
- 6) Run pump and rods.
- 7) Return to production.

Cancel intent to Park

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)  
Charlie Donahoe

Title

District Engineer

Date 7/24/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

AUG 13 2003

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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NMOC

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-104A  
Revised June 10, 2003

Submit 1 copy of the final affected wells  
list along with 1 copy of this form per  
number of wells on that list to appropriate  
District Office

### Change of Operator

#### Previous Operator Information:

OGRID: 000778  
Name: BP AMERICA PRODUCTION CO.  
Address: P.O. BOX 3092  
Address: \_\_\_\_\_  
City, State, Zip: HOUSTON, TX 77253

#### New Operator Information:

Effective Date: 06/01/2003  
New Ogrid: 162928  
New Name: ENERGEN RESOURCES CORP.  
Address: 2198 BLOOMFIELD HIGHWAY  
Address: \_\_\_\_\_  
City, State, Zip: FARMINGTON, NM 87401

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information on this form and the attached list of wells is true and complete to the best of my knowledge and belief.

New Operator

Signature: \_\_\_\_\_

Printed name: GARY W. BRINK

Title: GENERAL MANAGER - SAN JUAN BASIN

E-mail

Address: gbrink@energen.com

Date: 08/25/03

Phone: 505-325-6800



Previous operator complete below:

Previous

Operator: BP AMERICA PRODUCTION COMPANY

Previous

OGRID: 000778

Signature: \_\_\_\_\_

Printed

Name: MARY CORLEY

E-mail

Address: \_\_\_\_\_

#### NMOCD Approval

Signature: \_\_\_\_\_

Printed

Name: 37.8

SUPERVISOR DISTRICT #3

District: \_\_\_\_\_

AUG 27 2003

Date: \_\_\_\_\_