

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

1 FILE
SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

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 ☐	7. UNIT AGREEMENT NAME Carracas Unit
2. NAME OF OPERATOR NASSAU RESOURCES, INC.	8. FARM OR LEASE NAME Carracas Unit 25 B
3. ADDRESS OF OPERATOR P.O. Box 809, Farmington, N.M. 87499	9. WELL NO. #13
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below) At surface 1010' FSL - 580' FWL Surface Location 1500' FSL - 2400' FWL (within 100' radius)	10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
14. PERMIT NO.	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T.22N, R.4W
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 7007' GL	12. COUNTY OR PARISH Rio Arriba
	13. STATE N.M.

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☒ XX	(Other) ☐	

(Other) _____

(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.)*

Plan to drill this well directionally. A Revised Operations Plan and Directional Plan are attached.

Application has been made to the New Mexico Oil Conservation Division for approval of directional drilling.

RECEIVED
SEP 11 1990
OIL CON. DIV.
DIST. 3

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

SIGNED Fran Perrin TITLE Admin. Asst.

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

APPROVED

DATE 8/20/90

SEP 11 1990

DATE SEP 11 1990

for AREA MANAGER
FARMINGTON RESOURCES INC.

*See Instructions on Reverse Side

OPERATIONS PLAN

OPERATOR: NASSAU RESOURCES, INC.
WELL NAME: Carracas Unit 25 B #13
FIELD: Basin Fruitland Coal
SURFACE LOCATION: 1010' FSL - 580' FWL, Sec. 25, T32N, T4W,
BOTTOM HOLE LOCATION: 1500' FSL - 2400' FWL (within 100' radius)
Rio Arriba County, New Mexico
ELEVATION: 7007' GL

EXPECTED FORMATION TOPS:

Ojo Alamo	3400' TVD	3874' MD
Kirtland	3515' TVD	4014' MD
Fruitland	3715' TVD	4244' MD
Fruitland Coal	3955' TVD	4604' MD
TD	4155' TVD	4874' MD

LOGGING PROGRAM: DIL-GR-SP & FDC-CNL-GR-Caliper, Directional
Survey

SAMPLES: Catch samples every 10' from 4200' MD to TD.

CASING PROGRAM:

Hole Size	Depth	Csg. Size	Wt./Ft.	Grade & Condition
12-1/4"	250'	9-5/8"	36#	J-55, New
Cement:	125 sx	Class "B"	w/ 2% CaCl	(150 cu.ft.)
8-3/4"	4874'	5-1/2"	15.5#	K-55, New
Cement:	100 sx	50/50 poz w/ 2% gel,	6-1/4#/sk	gilsonite
		& 1/4#/sk flowseal		
	655 sx	65/35 poz w/ 12% gel & 1/4#/sk	flowseal	
		(1855 cu.ft.)		

WELLHEAD EQUIPMENT: 9-5/8" x 11" 600 series Bradenhead &
11" x 7-1/16" 600 series, 2000 psi working pressure well
head.

TECHNICAL PERSONNEL:

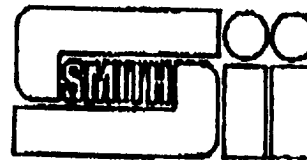
James S. Hazen, Field Supt.
Nassau Resources, Inc.
P O Box 809
Farmington, NM 87499
(505) 326-7793 Office
(505) 334-8225 Home

Gary Johnson, Petroleum Engr.
Nassau Resources, Inc.
650 South Cherry St. #1225
Denver, CO 80222
(303) 321-2111 Office
(303) 688-9864 Home

NASSAU RESOURCES, INC.
Carracas Unit 25 B #13
Exhibit B
Revised 8/15/90

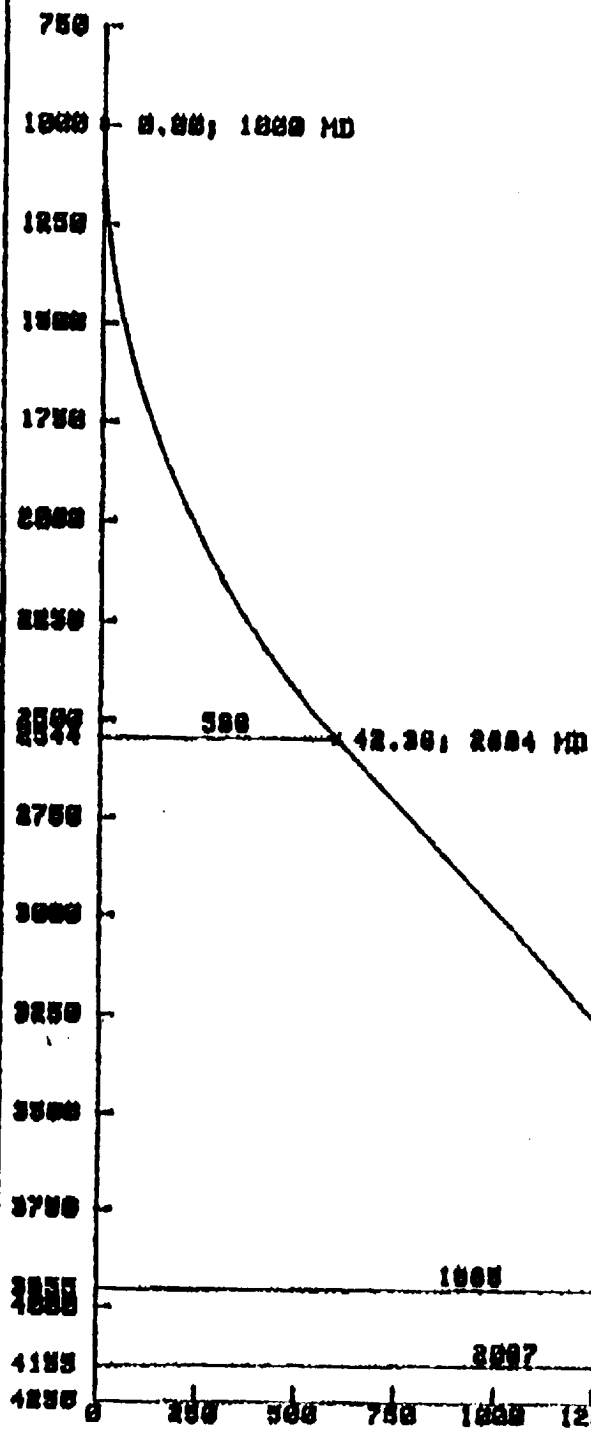
NASSAU RESOURCES
CARRACUS UNIT #25B-13
SEC 25-T32N-R04W
RIO ARriba COUNTY, NEW MEXICO

9 AUG 1990 @ 13:37



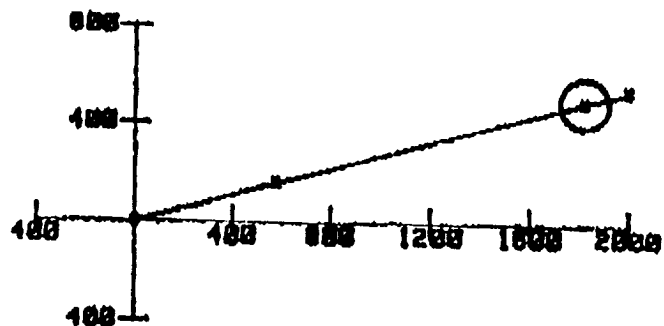
VERTICAL PLAN

SCALE: 250 FEET/DIVISION



HORIZONTAL PLAN

SCALE: 400 FEET/DIVISION



NASSAU RESOURCES, INC.
Appl. for Directional
Drilling
Carracas Unit 25 B #13

VERTICAL SECTION PLANE: N 74.93 E

DATADRIL

NASSAU RESOURCES
 CARRACUS UNIT #25B-13
 SEC 25-T32N-R04W
 RIO ARriba COUNTY, NEW MEXICO

FILE NAME: MASS25B13P

***** RECORD OF PROPOSAL *****

RADIUS OF CURVATURE METHOD
 PROPOSAL COMPUTED BY THE DATADRIL CADDS SYSTEM
 VERTICAL SECTION PLANE: N 74.93 E

MEASURED DEPTH (FT)	COURSE LENGTH (FT)	INCL. ANGLE (DEG)	D R I F T DIRECTION (DEG)	TRUE VERTICAL DEPTH	T O T A L RECT COORDINATES (FT)	VERTICAL SECTION (FT)	DOUBLE SEVERITY (DEG/100')
0.00	0.00	0.00	N 74.93 E	0.00	0.00 N 0.00 E	0.00	0.00
START OF BUILD #1							
1000.00	1000.00	0.00	N 74.93 E	1000.00	0.00 N 0.00 E	0.00	0.00
1100.00	100.00	2.50	N 74.93 E	1099.97	.57 N 2.11 E	2.18	2.50
1200.00	100.00	5.00	N 74.93 E	1199.75	2.27 N 8.42 E	8.72	2.50
1300.00	100.00	7.50	N 74.93 E	1299.14	5.10 N 18.93 E	19.61	2.50
1400.00	100.00	10.00	N 74.93 E	1397.97	9.05 N 33.62 E	34.82	2.50
1500.00	100.00	12.50	N 74.93 E	1496.04	14.12 N 52.46 E	54.33	2.50
1600.00	100.00	15.00	N 74.93 E	1593.17	20.30 N 75.41 E	78.09	2.50
1700.00	100.00	17.50	N 74.93 E	1689.17	27.58 N 102.43 E	106.07	2.50
1800.00	100.00	20.00	N 74.93 E	1783.85	35.93 N 133.46 E	138.21	2.50
1900.00	100.00	22.50	N 74.93 E	1877.05	45.35 N 168.46 E	174.46	2.50
2000.00	100.00	25.00	N 74.93 E	1968.57	55.82 N 207.34 E	214.73	2.50
2100.00	100.00	27.50	N 74.93 E	2058.25	67.32 N 250.05 E	258.95	2.50
2200.00	100.00	30.00	N 74.93 E	2145.92	79.82 N 296.49 E	307.05	2.50
2300.00	100.00	32.50	N 74.93 E	2231.40	93.31 N 346.58 E	358.92	2.50
2400.00	100.00	35.00	N 74.93 E	2314.54	107.75 N 400.22 E	414.47	2.50
2500.00	100.00	37.50	N 74.93 E	2395.18	123.12 N 457.31 E	473.60	2.50
2600.00	100.00	40.00	N 74.93 E	2473.16	139.39 N 517.75 E	536.19	2.50
END OF BUILD #1...START OF HOLD SECTION							
2694.44	94.44	42.36	N 74.93 E	2544.23	155.56 N 577.79 E	590.36	2.50
TARGET LOCATION: 3955 TVD							
4403.68	1909.24	42.36	N 74.93 E	3955.00	490.00 N 1820.00 E	1884.81	0.00

NASSAU RESOURCES, INC.
 Appl. for Directional
 Drilling
 Carracas Unit 25 B #13

NASSAU RESOURCES
CARRACUS UNIT 0250-13

DATADRIL

SEC 25-T32M-R04W
RIO ARRIBA COUNTY, NEW MEXICO

MEASURED DEPTH (FT)	COURSE LENGTH (FT)	INCL. ANGLE (DEG)	D R I F T DIRECTION (DEG)	TRUE VERTICAL DEPTH	T O T A L RECT COORDINATES (FT) (FT)	VERTICAL SECTION (FT)	DOGLEG SEVERITY (DEG/100')
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BOTTOM HOLE LOCATION (TD): 4155 TVD

4874.35	270.67	42.36	N 74.93 E	4155.00	537.41 N 1996.10 E	2067.18	0.00
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NASSAU RESOURCES, INC.
Appl. for Directional
Drilling
Carracas Unit 25 B #13