Form 3160-4 FOR APPROVED OMB NO. 1004-0137 Expires: Documber 31, 1991 (October 1990) SUBMIT IN DUPLICATE. UNITED STATES (See other in-DEPARTMENT OF THE INTERIOR 5. LEASE DESIGNATION AND SERIAL NO. side BUREAU OF LAND MANAGEMENT 701 - 94 - 0010 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG\* - licarella MPACHE 14. TYPE OF WELL: WELL X 7. UNIT AGREEMENT NAME TYPE OF COMPLETION: 8. FARM OR LEASE NAME, WELL NO. WKI.I. OVER DEEL. BACK Other 2. NAME OF OFERATOR EAURY CANYON ZBB ENRE CORPORATION 9. API WELL NO. O. ROX 6027 3. ADDRESS AND TELEPHONE NO. 30-0**3**9- 25233 SAN ANTONIO, TEXAS 78209 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requiremente) GAULLAN - MANCOS 11. BEC., T., R., M., OR BLOCK AND SURVEY FNL &ISIO'FEL 455' NW/4 NE/4 SEC 28 At top prod. interval reported below SAME T27N, R2W At total depth 20mg 12. COUNTY OR PARISH 14. PERMIT NO. DATE ISSUED RO ARRIBA 15. DATE SPUDDED 19. ELEV. CASINGHEAD IG. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RKB, RT. GE, ETC.) 10/18/92 4/30/92 2/10/93 7418 7416 GR DET 21. PLUG, BACK T.D., MD & TVD 23. INTERVALS CABLE TOOLS 20. TOTAL DEPTH, MD A TVO 7594 .a.T 24. PRODUCING INTERVAL(8), OF THIS COMPLETION—TOP, BOTTOM, TO MANCOS A, B & C 25. WAS DIRECTIONAL SURVEY MADE HE (MD AND TYD) JUN 2 7 1995 No 7350-7559 27. WAS WELL CORED 26. TIPE ELECTRIC AND OTHER LOGS RUN (0)||[ No GR- COL - CDC, SONIC CASING RECORD (Report till strings set in well) 23 CASING SIZE/GRADE WRIGHT IN /FT DEPTH SET (MD) HOLE SIZE FOR OF CEMENT, CEMENTING RECORD AMOUNT PULLED 45.5 10.75 14.75 SURF; ZBO SX 432 class'a None SURF; ISTSTE 3555x class 'B 26.4 9.875 7.875/581 7156 \$ 505x 'G': 2nd 5TG 3755x Class'B' & 1105x Class B' TUBING RECORD 29. LINER RECORD AIZE TOP (MD) SOTTOM (MD) SACKS CEMENTS SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 4.5 2.875 130 000 7610 705 2.375 7433 31. PERFORATION RECCED (Interval, size and number) ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 7351,55,57,59,61,91,92,95,97) DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 7409;11,21,24,35,37,43,55; 7351-7559 ALIDIZE W/ PIPP TOOL & 7.5% HU 7503', 05', 08', 10', 21', 23', 55', 57', 59'. FRAC W/ 1956 Bbls gret wtr Due of as \$000, P&1 26 shots, 0.37" PRODUCTION DATE FIRST, PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-eize and type of pump) WELL STATUS (Producing or

Pumping - 2" x1.5" x zo' RWBC 2/12/93 6/15/93 BHD PROD'N. FOR TEST PERIOD DATE OF TRET HOURS TESTED CHOKE SIZE GAS-UCF. GAS-OIL BATIO OIL-BRL WATER-BBL. 3/1/93 5833 24 70 12 OIL GRAVITY-API (CORR.) PLOW. TUBING PRIME CASING PRESSURE CALCULATED 24-ROUR BATE GAS-MCF. OIL-BBG WATER--HBL. 27 12 70 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY 1/ENTED J. Harver 35. LIST OF ATTACHMENTS

## NASSAU RESOURCES, INC. CARRACAS UNIT 10 B #15

ITEM #28

Cemented 9-5/8" casing as follows: 215 sx of Class "B" cement with 2% CaCl (254 cu.ft.).

Centralizer and turbolizer schedule: centralizer jts. 1-10; centralizer jts. 12, 14, 16, 18, 20; turbolizer jts. 22, 23, 24, 25; centralizer jts. 26, 28, 33, 38, 43, 80, 84.

Cemented 5-1/2" casing as follows: First stage - 10 bbls. chemical wash followed by 159 sk 50/50 poz, 2% gel, 1/4#/sk D-29 (220 cu.ft.) Plug didn't bump after 77 bbls. displacement. Shut down. Dropped bomb and opened DV tool. Circulated 2 hours. 2nd stage - 10 bbls. mud flush followed by, 315 sk of 65/35 poz, 12% gel, 1/4#/sk D-29, 75 sk 50/50 pox, 2% gel, 1/4#/sk D-29, 1/4#/sk DA-2 (824 cu.ft.) Total of 1044 cu.ft. for both stages. Full returns throughout job. Plug bumped and held. Didn't circulate cement to surface. Cement top 1st stage 2980'.

## Cement squeeze:

10-6-94 TIH with Schlumberger perforating gun and <u>GR log</u>. Perforated 2 shots at 2950'.

TOH. Established a rate of 2.6 BPM at 1160 psi.
TIH with wireline cement retainer and set at 2810'.

TOH with wireline.

TIH with 2-7/8" tubing and stinger and stung into retainer. Stacked out on retainer.

retainer. Stacked out on retainer. Established injection rate of 2.3 BPM at 1180 psi.

Started cement; mixed 75 sks Class "G" with 0.5% D56 and 0.2% D65 to a yield of 1.16 cu.ft. per sk. (total of 15.5 bbls. = 87 cu.ft.)

After cement was mixed, shut down and washed lines and started displacement.

Displaced cement with 16-1/4 bbls. water.

Shut down. Stung out and reversed out tubing.

Stung in, started squeezing:

1st squeeze 1/2 bbl. - built to 1400 psi, shut down

2nd squeeze 1/2 bbl. - built to 1650 psi

3rd squeeze 1/2 bbl. - built to 1700 psi

4th squeeze 1/2 bbl. - built to 1800 psi

End of job.

Stung out. TOH. Shut in over night.

10-7-94 TIH with bit and drilled retainer (2-1/2 hrs.) at 2810'.

Drilled up fallen retainer on top of cement at 2888'. Drilled cement to 2958'.

Pressure tested squeeze to 3000 psi for 10 min. Held OK. Shut in over night.

10-10-94 TIH with Petro Wireline and ran bond log to DV tool from PBTD of 3206'. Good bond over squeeze.